

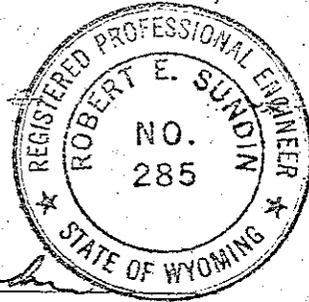
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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. Corland
Administ. # E. # 1479
Water Quality Division
September 9, 1981
Date of Issuance

Robert E. Sundin
Director
Dept. of Environmental Quality

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

8/11/81

FM: Dick Kennox

TO: Files 81-501

SUBJ: Columbia Addition (81-501)

1. APPLICATION NOT COMPLETE
ITEM 3 - NO WATER SOURCE STATED
ITEM 4 - NO NPDES APP NO.
~~APPLICATION NO NOT ASSIGNED~~
APPLICATION NOT SIGNED BY MR SMITH
2. REALLY NO INFORMATION TO REVIEW FROM
GROUND WATER VIEWPOINT.

plans returned w/comments
8/12/81

PERMIT TO CONSTRUCT

New

Permit No. 81-502

Renewal

Modified

UNITED PENTECOSTAL CHURCH

(Name of Facility)

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

United Pentecostal Church, c/o Hardy Monks

P.O. Box 505

Buffalo, Wyoming 82834

to construct, install, or modify a _____

_____ facility according to the procedures and conditions of the application No. 81-502. The facility is located in Sec. 32, T.51N., R.82W.

_____ in the County of Johnson,

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

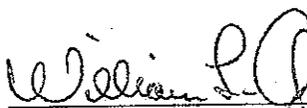
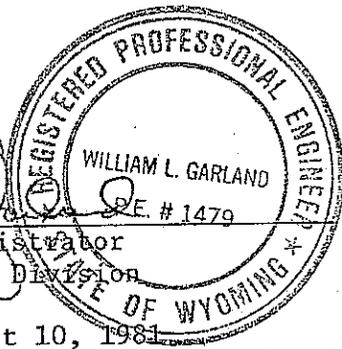
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

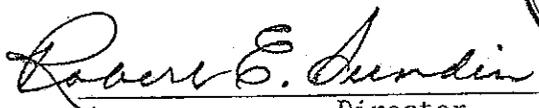
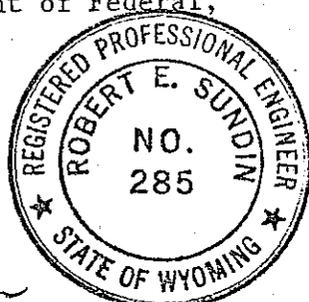
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


August 10, 1981
Date of Issuance

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

xc: Plains Engineering
Box 432
Buffalo, Wyoming 82834

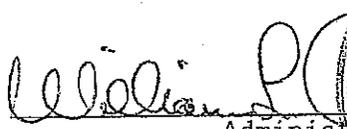
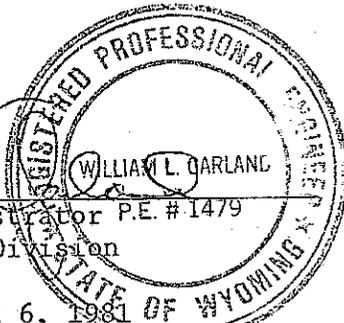
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

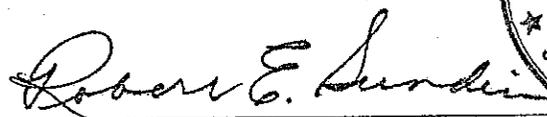
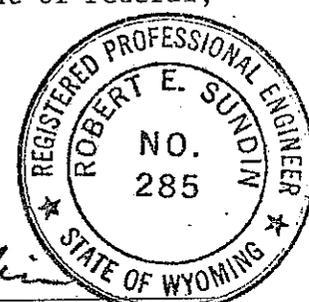
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AUTHORIZED BY:



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

August 6, 1981
Date of Issuance



Director
Dept. of Environmental Quality

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

9-8-51

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-504R

Rawlins High School Addition
(Name of Facility)

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

Carbon County School District No. 1
Carbon Bldg., 3rd St. and Buffalo St.
Rawlins, WY 82301

to construct, install, or modify a sanitary sewer collection system facility according to the procedures and conditions of the application No. 81-504R. The facility is located in Section 17, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

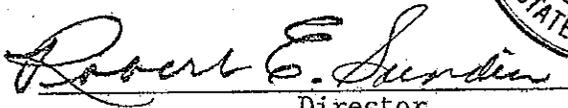
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


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


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

August 25, 1981
Date of Issuance

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

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

L3f

Review of Plans and Specifications

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

PROJECT: Rawlins High School Additions

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-504

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

Theodore D. Coyer

DATE OF REVIEW: August 12, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The specification for the sanitary sewers is unacceptable. ASTM A-74 is for service weight cast iron soil pipe, but uses leaded joints, not elastometric compression joints. Leaded joints are unacceptable for burial outside the buildings.

Lef
10

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-505

Wyoming Air National Guard Base Supply Administration & Warehouse Facility
(Name of Facility)

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

Wyoming Air National Guard

P.O. Box 2268

Cheyenne, WY 82001

to construct, install, or modify a municipal water supply and wastewater collection systems facility according to the procedures and conditions of the application No. 81-505. The facility is located in Section 19, T13N, 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.

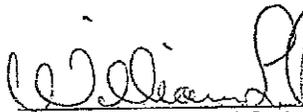
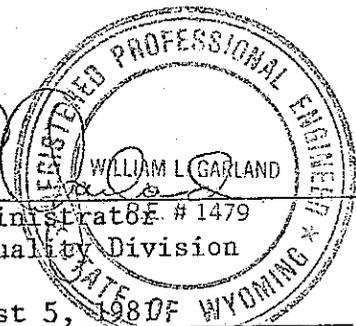
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

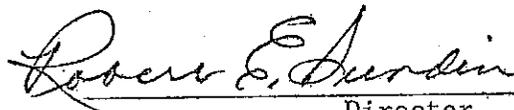
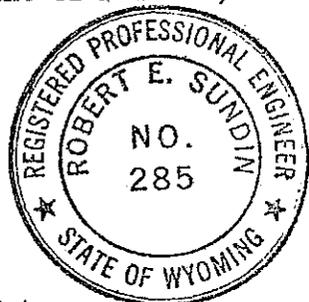
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction 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 L. GARLAND
Administrative # 1479
Water Quality Division
August 5, 1987
Date of Issuance



Director
Dept. of Environmental Quality

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

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



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

May 17, 1982

Mr. Willis W. Martin
Pulte Home Corporation
PO Box 1305
Laramie, WY 82070

RE: Sunrise Subdivision No. 1, DEQ #81-506R

Dear Mr. Martin:

The above referenced application has been withdrawn from our files. One complete copy of the application is being retained for our records. The remainder of the application is being returned to your engineer with a copy of this letter.

Reapplication should be made at an appropriate future date. If you have questions, please contact me at this office.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:ch

cc: Cheyenne DEQ/WQD
William Miller-Costin Engineering Co.
File (3)



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 22, 1982

Mr. William Miller
Costen Engineering Co.
2775 W. Hampden Ave.
Englewood, CO 80110

RE: Sunrise Subdivision No. 1
DEQ #81-506R

Dear Mr. Miller:

As of this date, we have not received a reply to our August 24, 1981 and January 4, 1982 review letters of the above referenced application. Please inform me, in writing, of when a reply can be expected or if the project has been abandoned.

If the project has been abandoned, your application will be removed from our files and the plans returned to you at your request.

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
Jack Patterson-Pulte Homes, Inc.
Box 1305
Laramie, WY 82070

File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN
LANDER, WYOMING 82520

PROJECT: Sunrise Subdivision No. 1

OWNER: Jack Patterson
Pulte Homes, Inc., Box 1305, Laramie, WY 82070

ARCHITECT OR ENGINEER: William E. Miller
Costen Engineering Co.
2775 W. Hampden Avenue, Englewood, CO 80110

WATER QUALITY DIVISION REFERENCE NUMBER: 81-506R

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: January 4, 1982

ACTION: NOT AUTHORIZED

COMMENTS: I received a letter from the City of Rock Springs on October 26, 1981, verifying that the Sunrise sewer system has been approved by the city.

We are still awaiting the other information requested in the initial review of August 24, 1981.

Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Sunrise Subdivision No. 1

ENGINEER: William E. Miller
Costin Engineering Co.
2775 W. Hampden Avenue
Englewood, CO 80110

OWNER: Jack Patterson
Pulte Homes, Inc.
Box 1305
Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 81-506

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: August 24, 1981

ACTION: Not authorized.

COMMENTS: The following additional information is needed before a "Permit to Construct" can be issued.

1. Complete material and installation specifications for the project are needed. You may want to simply reference Wyoming Public Works Standard Specifications.
2. An engineer's report is needed that includes a general description of the project and complete justification of its design, including all calculations.
3. Three copies of the plans and the above items will be needed before a permit can be issued, although an initial review can be made with just one copy received, if you like.
4. One sheet containing a complete plan view of the sewer collection system you propose to install along with the existing system is needed. Sheet 1 appears to be incomplete. Also include the type of dwelling units to be on each lot -- single, family, duplex, etc.

Review of Plans and Specifications
Sunrise Subdivision No. 1, DEQ #81-506
Date of Review - August 24, 1981
Page 2

5. A stamp or signature of a Wyoming Professional Engineer is needed on each page of the drawings and on the cover of the specifications.
6. Four hundred feet is the maximum allowable distance between manholes. Five feet is the minimum allowable cover over sewer lines.
7. No slopes or distances are shown on the profile drawing on Sheet 16.
8. A letter is needed from the City of Rock Springs stating that the additional wastewater flow from your development can be accepted by the City. The letter should also state that the City has approved your plans or list any objections they have to them. You should contact Rich Unger, City of Rock Springs.

Upon receipt of the above information, I will conduct a more detailed review of the project. Feel free to call me with questions.

RR:nb
8-25-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-509RRR

Pinedale Interceptor Replacement
(Name of Facility)

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

Town of Pinedale
PO Box 674
Pinedale, WY 82941

to construct, install, or modify a replacement of interceptor and correct flow
patterns in existing lagoon

facility according to the procedures and conditions of the
application No. 81-509RRR. The facility is located in

Sec. 10, T33N, R109W

in the County of Sublette,

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

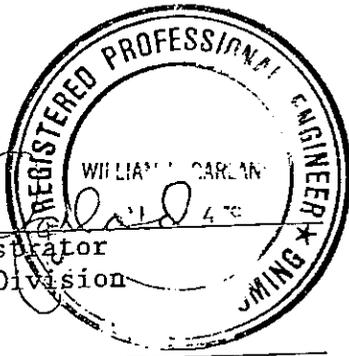
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

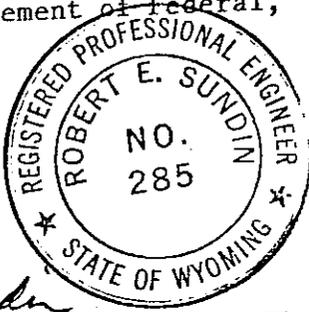
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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


Robert E. Sundin
Director
Dept. of Environmental Quality

February 26, 1982
Date of Issuance

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

FL:ch

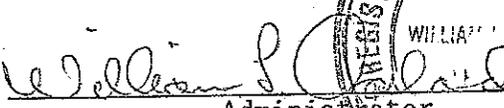
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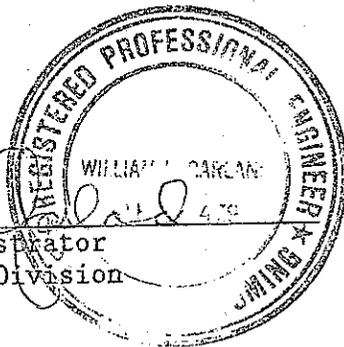
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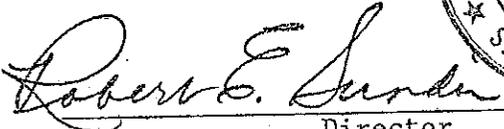
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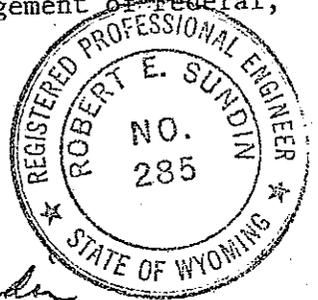
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AUTHORIZED BY:


Adminisrator
Water Quality Division




Director
Dept. of Environmental Quality



February 26, 1982

Date of Issuance

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

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET,
LANDER, WYOMING 82520

PROJECT: PINEDALE INTERCEPTOR REPLACEMENT

OWNER: Town of Pinedale
P.O. Box 674, Pinedale, WY 82941

ARCHITECT OR ENGINEER: Tudor Engineering Company Attn: James Gores
450 South Federal Blvd.
Riverton, WY 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 81-509RR

REVIEWING ~~ENGINEER~~ EVALUATOR: Frank LaBarge 

DATE OF REVIEW: January 13, 1982

ACTION: Not authorized

COMMENTS: A review of your January 12, 1982 submittal has been completed. Following are the results of that review. My comments are in the order of the original review letter.

- | | |
|--|---------------|
| 1.) Resolved | 6.) Resolved |
| 2.) Resolved | 7.) Resolved |
| 3.) Resolved | 8.) Resolved |
| 4.) Resolved | 9.) Resolved |
| 5.) Resolved | 10.) Resolved |
| 11.) Resolved | |
| 12.) The decision has been made not to require a lift station based upon the past satisfactory operation of the system and the high cost of constructing and maintaining a lift station. | |
| 13.) Resolved | |
| 14.) Resolved | |
| 15.) Resolved | |
| 16.) Resolved | |
| 17.) Resolved | |
| 18.) Discharge piping should employ vertical withdrawal and multi-level takeoffs. Multi-level takeoffs will require a transfer structure. | |
| 19.) Resolved | 23.) Resolved |
| 20.) Resolved | 24.) Resolved |
| 21.) Resolved | 25.) Resolved |
| 22.) Resolved | |

Question number 18 needs to be addressed before the plans can be approved. Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

FL:d1
File (6)

ABC

Cheyenne
Site

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Pinedale Interceptor Replacement

ENGINEER: Tudor Engineering Company
450 South Federal Blvd.
Riverton, WY 82501
Attn: Robert Stannard, Jr.

OWNER: Town of Pinedale
P.O. Box 674
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: 81-509

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

DATE OF REVIEW: September 8, 1981

ACTION: Not authorized.

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

1. The "Application for Permit to Construct" states that the treatment facility does not discharge. This is apparently an oversight, as the Town of Pinedale lagoon does discharge. The NPDES permit number and the name of the receiving waters need to be included on this form.

2. Calculations are needed to verify that the 24- and 30-inch lines replacing the existing 15-inch line are adequate to handle the flows to be imposed upon them. Why is the 15-inch line being abandoned?

3. A detail is needed of MH-2 showing that the invert is filleted to prevent solids deposition.

4. You have specified ASTM Standard C-76 Class III pipe. How was this selection arrived at (i.e., determination of earth load, determination of live load, selection of bedding, bedding factor, factor of safety and selection of pipe strength)?

5. Manholes should be waterproofed on the exterior. The specs do not call for this.

6. Is the proposed facility in a flood plain?

7. Please provide a narrative explaining the reason the proposed inlet and outlet piping system was selected. Normally, multi-influent discharge points are used for cells of 20 acres or more, therefore, why are multiple inlets being proposed for this lagoon?
8. I noted that it is intended to aerate this lagoon at a later date. Aerated cells should have influent lines which distribute the load within the mixing zone of the aeration equipment. Is this being done?
9. What is the width of the splash pads? The detail doesn't show this.
10. A profile is needed of each influent line.
11. How are the influent and effluent lines anchored? Details are needed.
12. The invert of the manhole prior to the entrance of the influent line into the lagoon should be at least six inches above the maximum operating level of the pond and provide sufficient hydraulic head without surcharging the manhole. The plans show the invert of this manhole to be 2.57 feet below the operating level of the lagoon, which is unacceptable.
13. On Sheet 4 of 5, the top elevations of the boxes is needed. It appears the scale doesn't agree; that is, using the finish grade of 48.5, the cover calculated doesn't agree with what is shown.
14. The plans show what I assume is a dumping station. Sheet 4 of 5 calls for the existing 15-inch line to be abandoned in place. Is it intended for the dumping station to continue to use this line?
15. Of what material are the slide gate guide rails to be constructed?
16. What is the operating depth of the lagoon? For ponds that are deep enough to permit stratification, multiple level takeoffs are recommended.
17. The hydraulic capacity for continuous discharge structures and piping should allow for a minimum of 250 percent of the design flow of the system. Does it?
18. Details are needed of the discharge piping (i.e., how is it anchored, inlet design, etc.).
19. All inlet piping should terminate a minimum of ten feet from the toe of the dike.
20. The splitter box and outlet boxes details show the effluent pipes invert six inches above the floor of the box. Why? It appears that this will cause solids to deposit in these areas, instead of flowing through the box.

Review of Plans and Specifications
Pinedale Interceptor Replacement, DEQ #81.509
Date of Review - September 8, 1981
Page 3

21. Although there are not drop manholes in the project, a drop manhole detail is shown. This detail does not show the outside drop connection entirely encased in concrete, as required.
22. A concrete specification is needed.
23. The sliding gate valves have not been spec'd.

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

FL:nb
9-10-81

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: PINEDALE INTERCEPTOR REPLACEMENT

ENGINEER: Tudor Engineering Company
450 South Federal Blvd.
Riverton, WY 82501
ATTN: James Gores

OWNER: Town of Pinedale
P.O. Box 674
Pinedale, WY 82941

WATER QUALITY DIVISION REFERENCE NUMBER: 81-509R

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

DATE OF REVIEW: December 9, 1981

ACTION: Not authorized.

COMMENTS: A review of your resubmittal has been completed. Before a "Permit to Construct" can be issued, the following points remain to be resolved. My comments are in the order of the original review letter.

1. The revised application was not included in your reply.
2. If I understand correctly, the 15-inch line is being replaced with a 24-inch line because a flow increase from 0.72 MGD to 1.5 MGD is anticipated. My calculations indicate that a 15-inch line at minimum slope can handle a flow of 1.5 MGD; therefore, why is a portion of that line being replaced with a 24-inch line? What about the 15-inch line above MH-6, why isn't it being replaced, also? It appears the 15-inch line should be adequate up to MH-2 where the additional flow is picked up.
3. Resolved.
4. Resolved.
5. Resolved.
6. Will the ponds be protected from any floods (i.e., what is the high water level that is historically reached during a flood)?

ABC

7. Resolved.
8. Will the proposed influent lines result in the influent being distributed within the mixing zone of the future aerators?
9. Resolved.
10. Profiles are needed of the four pond influent lines which show the elevations of each line.
11. Resolved.
12. As you know, it is a requirement that there be at least six inches of elevation between the influent manhole invert and the maximum operating level of the pond. The proposed design will result in surcharging of the manhole and line. This surcharging will result in:
 - a.) Limited growth in the surcharge area. Depending how far back the surcharge occurs, sewage will back up into any existing or future buildings within that area.
 - b.) Extreme O & M problems. The low velocities will cause settling, resulting in a great potential for line blockage. In addition, it is quite possible that H₂S gas will be generated, which will attack the concrete pipe.
 - c.) The question of whether the pipe joints can withstand the additional forces to be imposed on them as a result of the surcharge head.

It appears the way to resolve this matter will be the installation of a lift station. I am open to any comments you may have in justifying the surcharged line, but at this point it appears a lift station will be required.
13. Resolved.
14. Resolved.
15. Resolved.
16. Resolved.
17. Resolved.
18. Discharge piping intakes should be located a minimum of ten feet from the toe of the dike and two feet from the top of the pond bottom and employ vertical ~~and~~ withdrawal.

Review of Plans and Specifications
Pinedale Interceptor Replacement, DEQ #81-509R
Date of Review - December 9, 1981
Page 3

19. Inlet piping should terminate a minimum of ten feet from the toe of the dike. The inlet piping shown doesn't meet this.
20. Resolved.
21. Resolved.
22. Resolved.
23. Resolved.

Additional Comments

24. A profile is needed of the sewer line from MH-1 to the splitter box.
25. Provisions are needed so the pond could be isolated if the need arose.
Is this item to be addressed when plans are submitted for the other cells?

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

FL:nb
12/9/81

PERMIT TO CONSTRUCT

New

Permit No. 81-510

Renewal

Modified

IMC Oshoto Mine Pit "A"

(Name of Facility)

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

Attention: Mr. John Harris

International Minerals & Chemical Corporation

P.O. Box 460

Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the

application No. 81-510. The facility is located in Sec. 13, T.54N., R.67W.

in the County of Crook,

in the State of Wyoming. This permit shall be effective for a period of five (5)

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

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

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

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

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

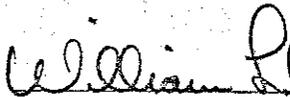
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

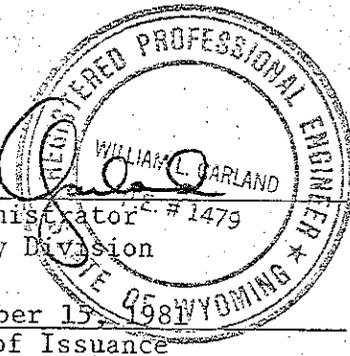
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

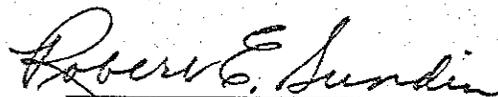
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

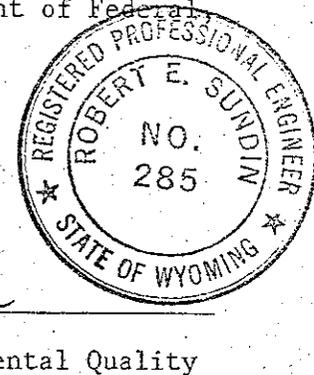
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
September 15, 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.

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

CONDITIONS

1. The facilities shall not be constructed within the channel of any stream, river, lake, ditch, creek, reservoir, draw, or any other natural or man-made body of water, either flowing or non-flowing, wet or dry.
2. No water shall be discharged from the facilities under any circumstances.
3. The facilities shall not contain more than one (1) acre-foot of water.
4. Upon completion of any dugout facilities, the Permittee shall forward notice to this Division, within 20 days, of the location and size of the dugout.
5. Dugout facilities shall not be constructed unless and until required. This permit shall be renewed as necessary to assure that all such facilities are authorized at the time of construction.

PERMIT TO CONSTRUCT

New

Permit No. 81-511

Renewal

Modified

IMC Oshoto Mine Pit "B"

(Name of Facility)

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

Attention: Mr. John Harris

International Minerals & Chemical Corporation

P.O. Box 460

Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the

application No. 81-511. The facility is located in Sec. 14, T.54N., R.67W.

in the County of Crook,

in the State of Wyoming. This permit shall be effective for a period of five (5)

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

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

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

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

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

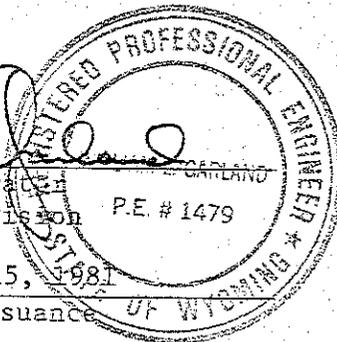
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

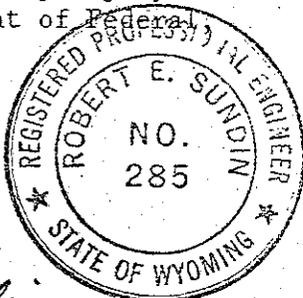
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William J. [Signature]
Administrator
Water Quality Division P.E. # 1479
September 15, 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.

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

CONDITIONS

1. The facilities shall not be constructed within the channel of any stream, river, lake, ditch, creek, reservoir, draw, or any other natural or man-made body of water, either flowing or non-flowing, wet or dry.
2. No water shall be discharged from the facilities under any circumstances.
3. The facilities shall not contain more than one (1) acre-foot of water.
4. Upon completion of any dugout facilities, the Permittee shall forward notice to this Division, within 20 days, of the location and size of the dugout.
5. Dugout facilities shall not be constructed unless and until required. This permit shall be renewed as necessary to assure that all such facilities are authorized at the time of construction.

PERMIT TO CONSTRUCT

New

Permit No. 81-512

Renewal

Modified

IMC Oshoto Mine Pit "C"
(Name of Facility)

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

Attention: Mr. John Harris
International Minerals & Chemical Corporation

P.O. Box 460

Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the
application No. 81-512. The facility is located in Sec. 23, T.54N., R.67W.

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

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

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

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

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

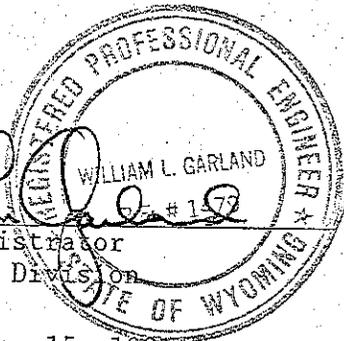
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

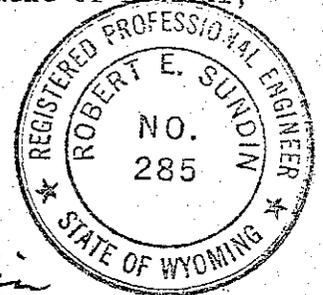
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



William L. Garland
Administrator
Water Quality Division



Robert E. Sundin
Director
Dept. of Environmental Quality

September 15, 1981
Date of Issuance

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

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

CONDITIONS

1. The facilities shall not be constructed within the channel of any stream, river, lake, ditch, creek, reservoir, draw, or any other natural or man-made body of water, either flowing or non-flowing, wet or dry.
2. No water shall be discharged from the facilities under any circumstances.
3. The facilities shall not contain more than one (1) acre-foot of water.
4. Upon completion of any dugout facilities, the Permittee shall forward notice to this Division, within 20 days, of the location and size of the dugout.
5. Dugout facilities shall not be constructed unless and until required. This permit shall be renewed as necessary to assure that all such facilities are authorized at the time of construction.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-513

IMC Oshoto Mine Pit "D"
(Name of Facility)

This permit hereby authorizes the applicant (name and address):
Attention: Mr. John Harris
International Minerals & Chemical Corporation

P.O. Box 460

Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the
application No. 81-513. The facility is located in

Sections 13 and 14, T.54N., R.67W.

in the County of Crook,

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

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

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

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

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

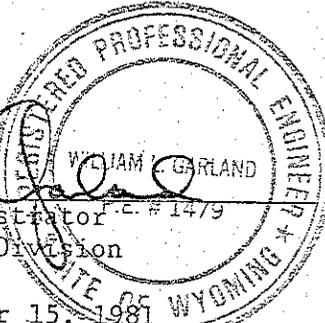
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

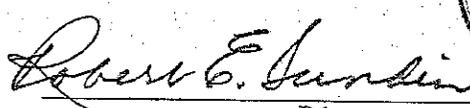
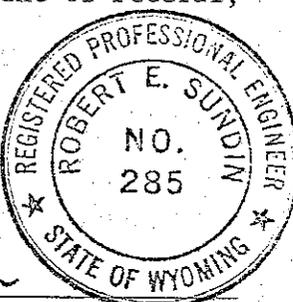
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


Administrator E. #1479
Water Quality Division

September 15, 1981
Date of Issuance


Director
Dept. of Environmental Quality


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

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

CONDITIONS

1. The facilities shall not be constructed within the channel of any stream, river, lake, ditch, creek, reservoir, draw, or any other natural or man-made body of water, either flowing or non-flowing, wet or dry.
2. No water shall be discharged from the facilities under any circumstances.
3. The facilities shall not contain more than one (1) acre-foot of water.
4. Upon completion of any dugout facilities, the Permittee shall forward notice to this Division, within 20 days, of the location and size of the dugout.
5. Dugout facilities shall not be constructed unless and until required. This permit shall be renewed as necessary to assure that all such facilities are authorized at the time of construction.

ing 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.

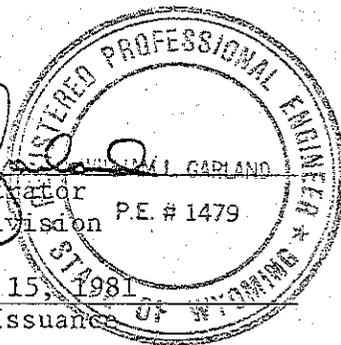
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

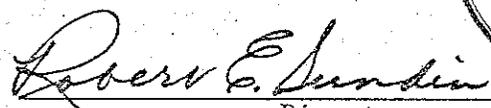
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

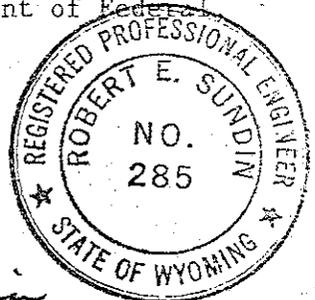
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division P.E. # 1479
September 15, 1981
Date of Issuance




Director
Dept. of Environmental Quality



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

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

CONDITIONS

1. The facilities shall not be constructed within the channel of any stream, river, lake, ditch, creek, reservoir, draw, or any other natural or man-made body of water, either flowing or non-flowing, wet or dry.
2. No water shall be discharged from the facilities under any circumstances.
3. The facilities shall not contain more than one (1) acre-foot of water.
4. Upon completion of any dugout facilities, the Permittee shall forward notice to this Division, within 20 days, of the location and size of the dugout.
5. Dugout facilities shall not be constructed unless and until required. This permit shall be renewed as necessary to assure that all such facilities are authorized at the time of construction.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-515

IMC Oshoto Mine Pit "F"
(Name of Facility)

This permit hereby authorizes the applicant (name and address):
Attention: Mr. John Harris
International Minerals & Chemical Corporation
P.O. Box 460
Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the
application No. 81-515. The facility is located in Sec. 26, T.54N., R.67W.

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

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

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

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

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

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

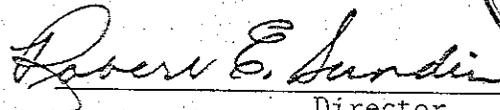
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

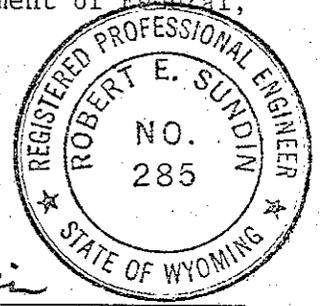
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AUTHORIZED BY:


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


ROBERT E. SUNDIN
Director
Dept. of Environmental Quality



September 15, 1981
Date of Issuance

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

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

CONDITIONS

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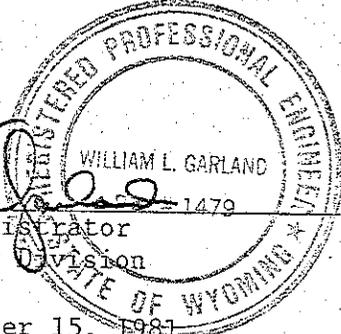
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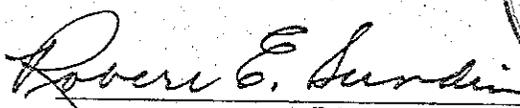
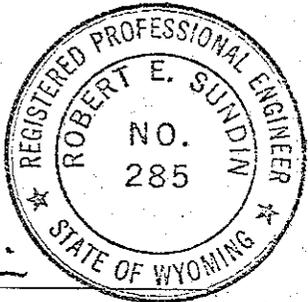
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STATE OF WYOMING



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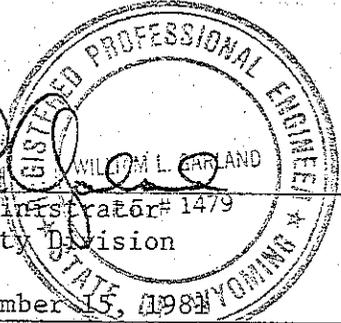
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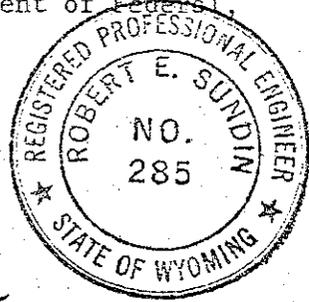
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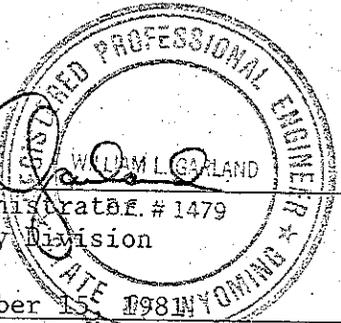
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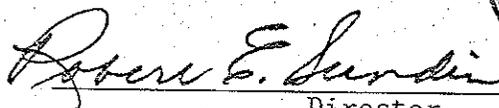
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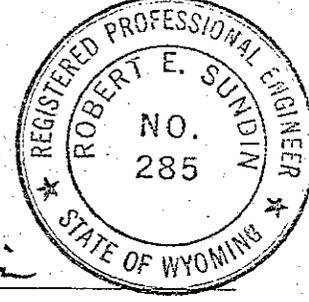
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WILLIAM L. GARLAND
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Water Quality Division
September 15, 1981
Date of Issuance




ROBERT E. SUNDIN
Director
Dept. of Environmental Quality



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PERMIT TO CONSTRUCT

New

Permit No. 81-519

Renewal

Modified

IMC Oshoto Mine Pit "J"

(Name of Facility)

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

Attention: Mr. John Harris

International Minerals & Chemical Corporation

P.O. Box 460

Mundelein, Illinois 60060

to construct, install, or modify a bentonite pit byproduct water disposal pond

facility according to the procedures and conditions of the

application No. 81-519. The facility is located in

Sections 34 and 35, T.54N., R.67W.

in the County of Crook,

in the State of Wyoming. This permit shall be effective for a period of five (5)

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

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

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

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

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

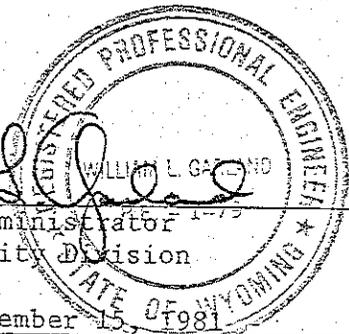
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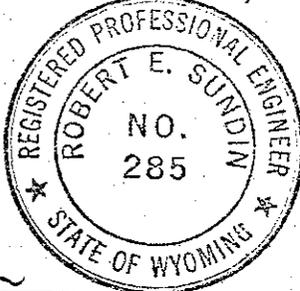
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AUTHORIZED BY:


William L. Garland

Administrator
Water Quality Division
September 15, 1981
Date of Issuance


Robert E. Sundin

Director
Dept. of Environmental Quality

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Sheridan, WY 82801

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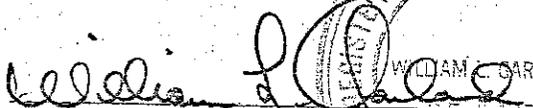
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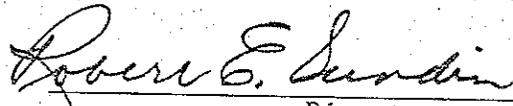
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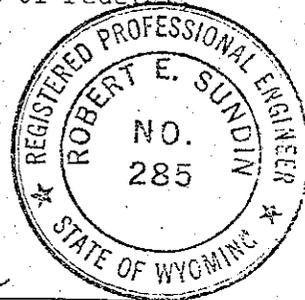
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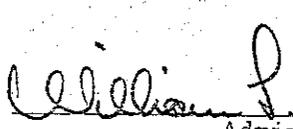
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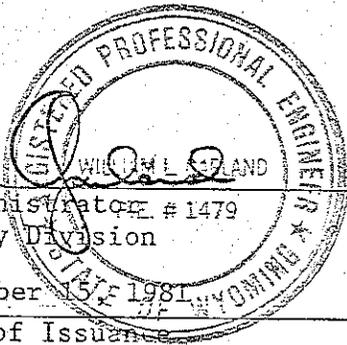
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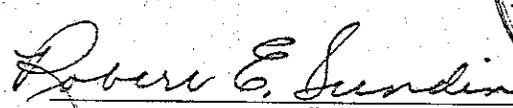
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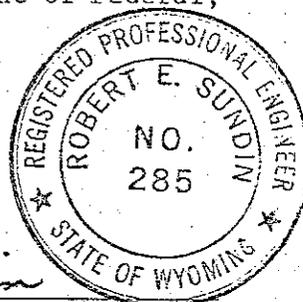
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Administrative # 1479
Water Quality Division
September 15, 1981
Date of Issuance




Director
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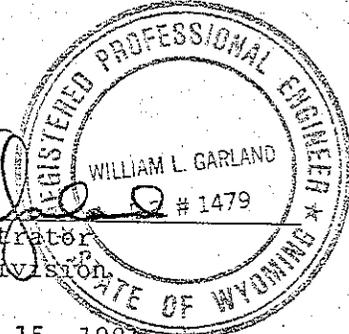
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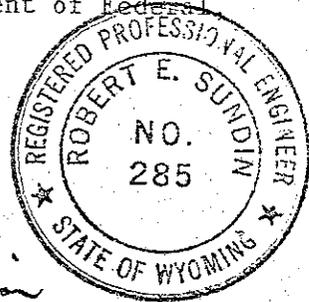
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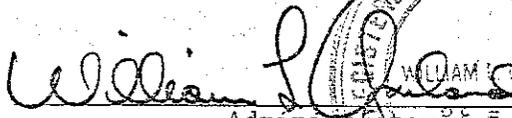
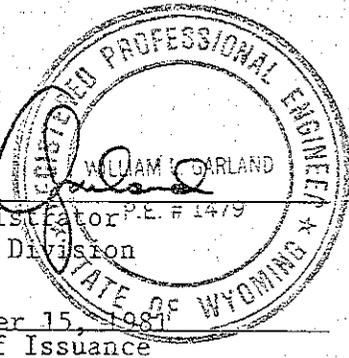
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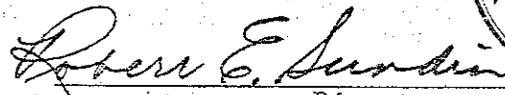
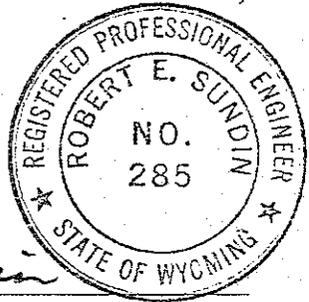
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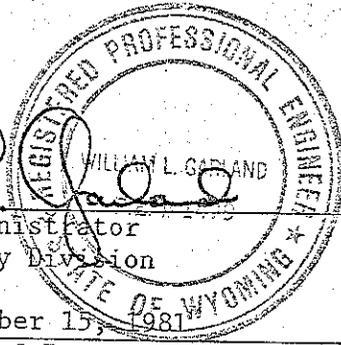
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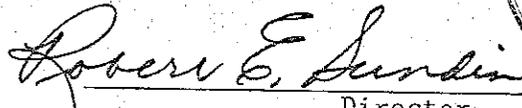
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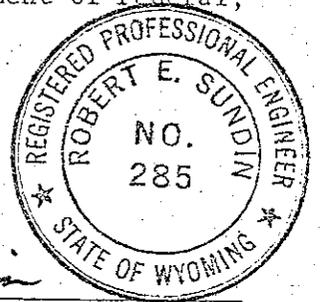
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Water Quality Division
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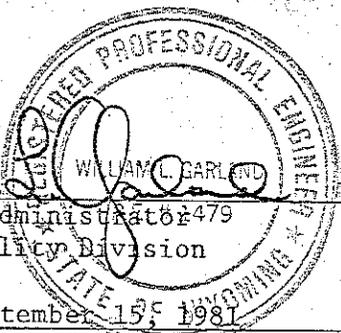
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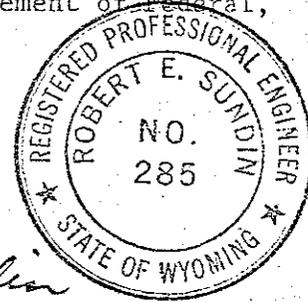
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AUTHORIZED BY:


William L. Garland
Administrator #479
Water Quality Division
September 15, 1987
Date of Issuance


Robert E. Sundin
Director
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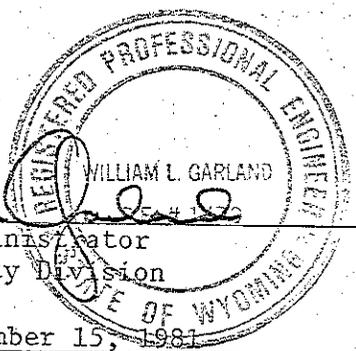
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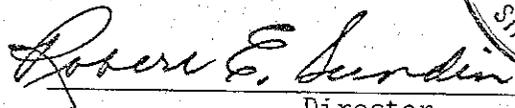
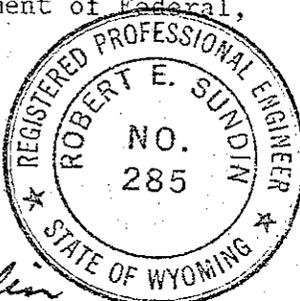
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AUTHORIZED BY:


Adminisrator
Water Quality Division



Director
Dept. of Environmental Quality


September 15, 1981
Date of Issuance

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

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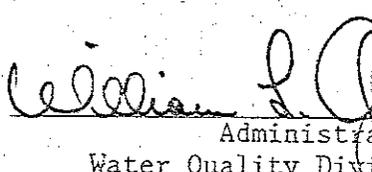
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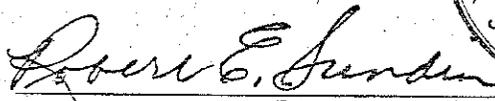
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AUTHORIZED BY:


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


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

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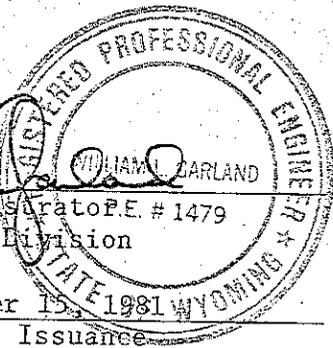
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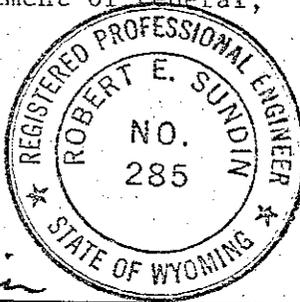
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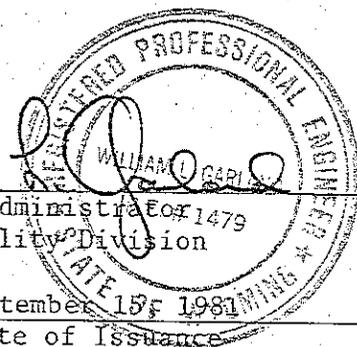
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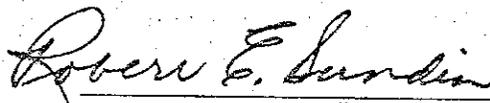
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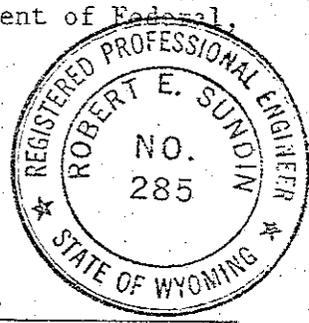
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Date of Issuance




Director
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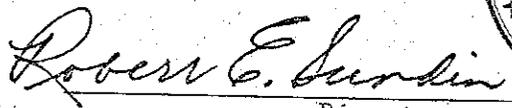
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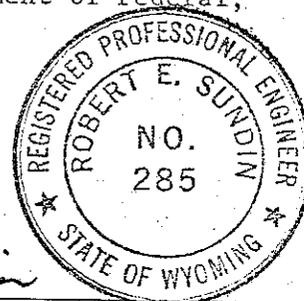
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Date of Issuance


Robert E. Sundin
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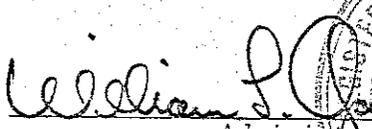
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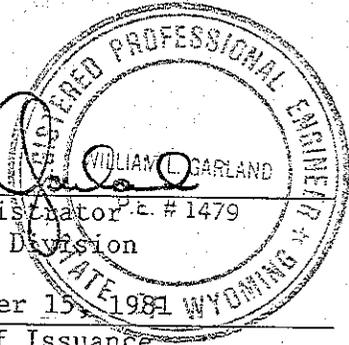
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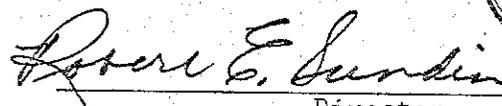
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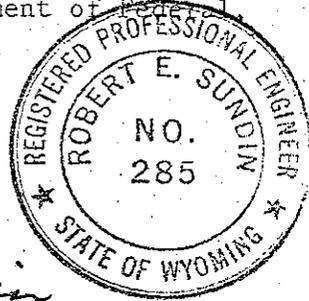
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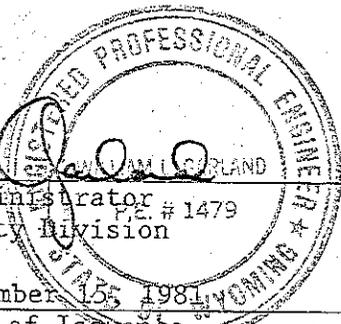
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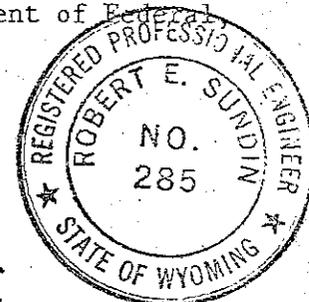
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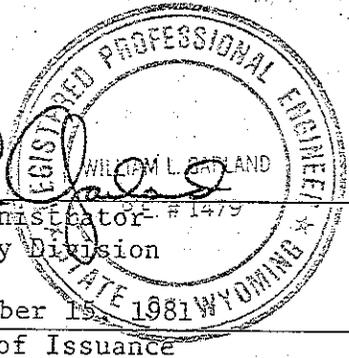
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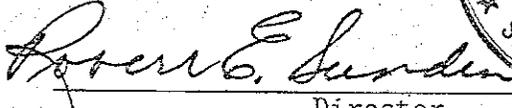
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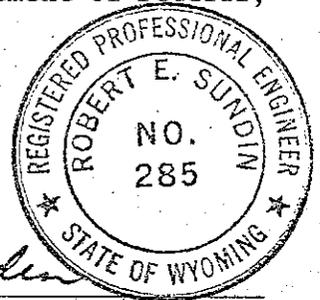


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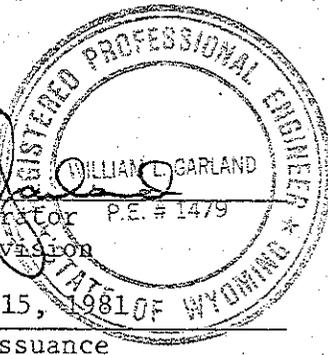
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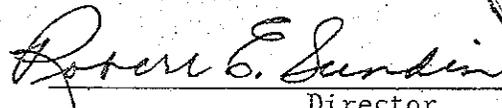
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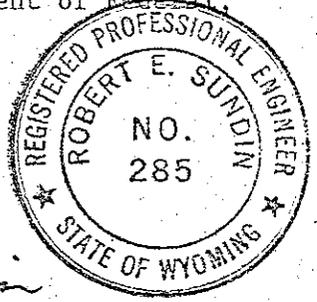
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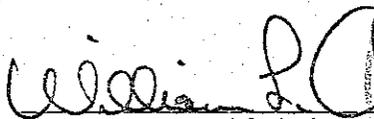
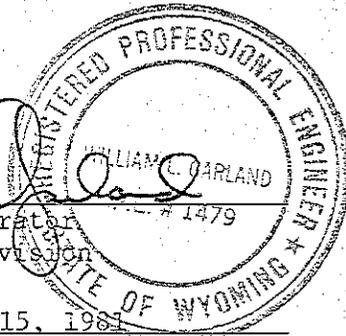
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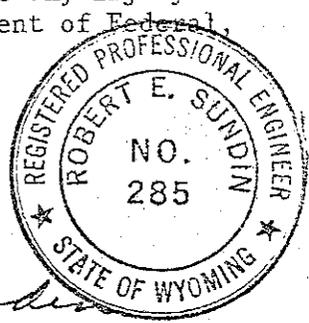
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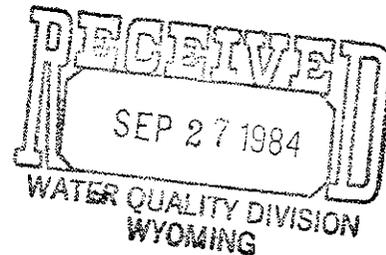
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file
BRIDGER COAL COMPANY *Sw. Co.*
POST OFFICE BOX 2068
ROCK SPRINGS, WY 82901
TELEPHONE 307-382-9741



September 20, 1984

Mr. Jack Bedessem
Wyoming Department of Environmental Quality
Water Quality Division
210 Lincoln Street
Lander, WY 82520



RE: Sediment Pond JB-37 (Permit No. 81-536 Phase II)

Dear Mr. Bedessem:

The intent of this letter is to inform you that sedimentation pond JB-37 no longer exists. Due to progression of the mine pit, surface run-off that previously was contained by JB-37 will now be contained in the pit.

If additional information is required, please contact me at your convenience.

Sincerely,

A handwritten signature in cursive script that reads 'Karen Christensen'.

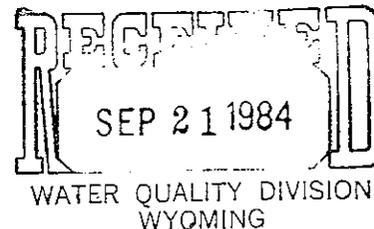
Karen Christensen
Environmental Coordinator

KC:bkg

cc: Bud Preston, W.D.E.Q.-L.Q.D.
Bruce Nelson, W.D.O.
Chris Casson, P.D.X.

*Copies to John Wynn
Norma
9/21/84
JB*

Z09208402

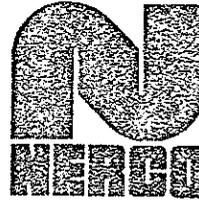


NERCO MINING COMPANY
WESTERN DIVISION
P.O. BOX 4000
SHERIDAN, WYOMING 82801
TELECOPIER 307-672-0906
TELEPHONE 307-672-0451

81-536

September 21, 1983

RECEIVED
OCT 03 1983
WATER QUALITY DIVISION
WYOMING



Mr. Al Berreth
165 E. Railroad Ave.
Green River, WY 82935

RECEIVED
OCT 21 1983
WATER QUALITY DIVISION
WYOMING

RE: Bridger Coal Company
Permit to Construct Cancellation/Withdrawal

Dear Mr. Berreth:

Due to the implementation of Alternate Sediment Control at the Jim Bridger Mine, many of the current Permits to Construct and a number of pending applications are now obsolete. To avoid confusion and future unnecessary paperwork, Bridger Coal Co. wishes to withdraw the pending applications and cancel current permits identified with this letter.

Current Permits

Bridger Coal Company requests cancellation of Permit No. 81-237R (Phase I) which encompasses initial construction of sediment ponds JB-20 through JB-36 and Permit No. 81-416R, which includes ponds JB-7, 9, 10, 11, 101A through K and 102 A through K.

In addition, Bridger Coal Company requests deletion of the following ponds from Permit No. 81-536 Phase II:

JB-20, 22, 23A, 23B, 25, 26, 28, 29A,
29B, 30, 31, 32, 34,

and 201-A, C, D, E, and F

Note that we wish to retain JB-27, 36, 37 and 201B on Permit No. 81-536 Phase II.

Pending Applications

Bridger Coal Company submitted Permit to Construct applications for 65 sediment ponds on September 23, 1982. These ponds were identified in 20 separate applications which Bridger Coal Company wishes to withdraw at this time.

82-593 thru 82-657

Ponds Less Than 2 AC.FT. Capacity
NERCO Pond I.D. No

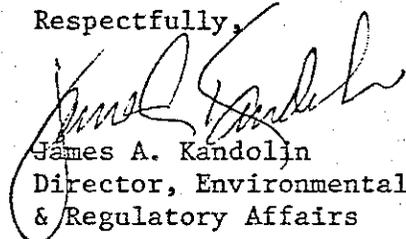
JB-104-A
JB-108-A
JB-104-B
JB-104-C
JB-104-D
JB-104-E
JB-104-F
JB-104-G
JB-105-A
JB-105-B
JB-105-C
JB-106-A
JB-106-B
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JB-108-K
JB-108-L
JB-108-M
JB-108-N
JB-108-O
JB-108-P
JB-108-Q
JB-108-R
JB-108-S
JB-109-A
JB-109-B
JB-43
JB-52
JB-53
JB-54
JB-55
JB-56

Ponds Greater Than 2 AC.FT. Capacity
NERCO Pond I.D. No.

JB-38
JB-39
JB-42
JB-44
JB-45
JB-46
JB-47A
JB-47B
JB-48
JB-49
JB-50
JB-51
JB-29A
JB-32
JB-34B
JB-37
JB-201A
JB-201E

If you have questions or require additional information, please call.

Respectfully,



James A. Kandolin
Director, Environmental
& Regulatory Affairs

BNN/lm

cc: Rick Engelmann

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-536 Phase II

JIM BRIDGER MINE
(Name of Facility)

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

Bridger Coal Company
P. O. Box 2068
Rock Springs, WY 82901

to construct, install, or modify a Phase II construction of Sediment Ponds JB20, 22, 23A, 23B, 25, 26, 27, 28, 29A, 29B, 30, 31, 32, 34, 36 and complete construction of Sedimentation Ponds JB37 and JB201-A through F. (See Phase I and II definitions and condition of Permit to facility according to the procedures and conditions of the construct on back)
 application No. 81-536 Phase II The facility is located in _____

Sec. 18, 19, 20, 24, 28, 33, 36, T21N, 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

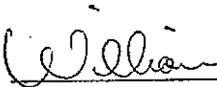
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

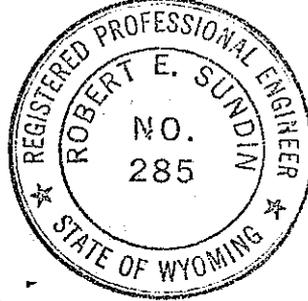
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 GARIAND
Administrator
Water Quality Division
STATE OF WYOMING
June 5, 1983
Date of Issuance


Director
Dept. of Environmental Quality



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

Definitions:

Phase I construction is defined as construction only of Sediment Ponds JB20 through 36. This is permitted by Permit to Construct #81-237R Phase I.

Phase II construction is defined as all additional construction, within each particular defined drainage area, to bring sediment Ponds JB20 through 37 into compliance with this permit.

The following condition applies to all Sediment Ponds which will individually contain less than 2.0 acre-feet of runoff and which will be individually less than 2.0 acres in surface area and are located off channel (i.e., JB201A through F and any additional ponds that may be required which comply with the above definition and are within the drainage area defined in this permit).

"Within 30 days following completion of construction of an individual facility, the permittee shall furnish the Water Quality Division with the following: a) the exact size, location and capacity of the facility, amount of disturbed area and other information used to size the facility, b) certification that the facility was constructed to meet the approved design requirements and sizing criteria."

PERMIT TO CONSTRUCT

8-20-81

New

Permit No. 81-536 Phase II

Renewal

Modified

JIM BRIDGER MINE
(Name of Facility)

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

Bridger Coal Company

PO Box 2068

Rock Springs, WY 82901

to construct, install, or modify a Phase II construction of Sediment Ponds JB20, 22, 23A, 23B, 25, 26, 27, 28, 29A, 29B, 30, 31, 32, 34, 36 and complete construction of Sedimentation Ponds JB37 and JB201-A through F. (See Phase I & II definitions and condition of Permit to Construct on back)

application No. 81-536 Phase II The facility is located in _____

Sec. 18, 19, 20, 24, 28, 33, 36, T.21N, R.100W

_____ in the County of Sweetwater,

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

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

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

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

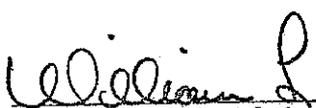
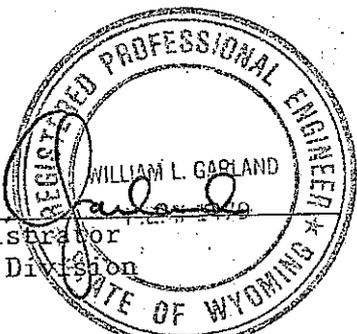
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

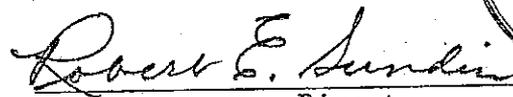
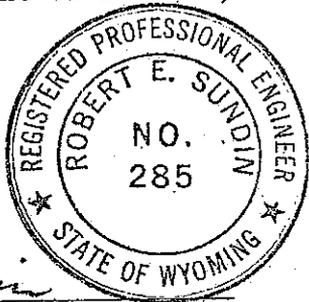
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 933 Main Street, 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



Robert E. Sundin
Director
Dept. of Environmental Quality


August 3, 1981

Date of Issuance

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

Definitions:

Phase I construction is defined as construction only of Sediment Ponds JB20 through 36. This is permitted by Permit to Construct #81-237R Phase I.

Phase II construction is defined as all additional construction, within each particular defined drainage area, to bring sediment Ponds JB20 through 37 into compliance with this permit.

The following condition applies to all Sediment Ponds which will individually contain less than 2.0 acre-feet of runoff and which will be individually less than 2.0 acres in surface area and are located off channel (i.e., JB201-A through F and any additional ponds that may be required which comply with the above definition and are within the drainage area defined in this permit).

"Within 30 days following completion of construction of an individual facility, the permittee shall furnish the Water Quality Division with the following: a) the exact size, location and capacity of the facility, amount of disturbed area and other information used to size the facility, b) certification that the facility was constructed to meet the approved design requirements and sizing criteria."

FL/ch

8/11/81

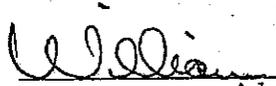
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

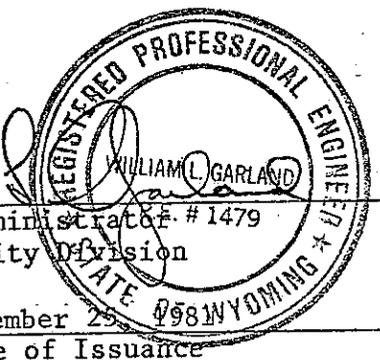
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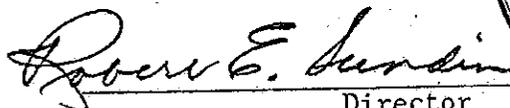
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AUTHORIZED BY:

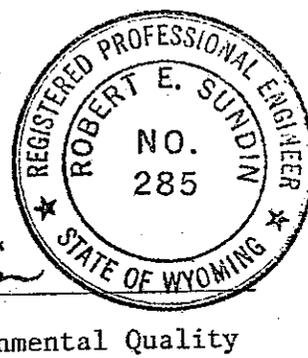


WILLIAM L. GARLAND
Administrator # 1479
Water Quality Division
September 25, 1981
Date of Issuance





Director
Dept. of Environmental Quality



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

FL:nb
9/25/81

Cheyenne
Sub

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: TOWN OF MARBLETON SEWER EXTENSION

ENGINEER: R. L. Jacobson
P.O. Box 1900
Cody, WY 82414

OWNER: Town of Marbleton
P.O. Box 611
Big Piney, WY 83113

WATER QUALITY DIVISION REFERENCE NUMBER: 81-537

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

DATE OF REVIEW: September 14, 1981

ACTION: Not authorized.

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

1. A letter is needed from the Town of Marbleton stating they will allow the connections to their sewer systems and that they can adequately treat the added organic and hydraulic loads.
2. Verification is needed that the existing collection system can handle the additional flows to be imposed upon it.
3. Are either of the proposed extensions in a flood plain?
4. The cover letter indicates that a total of 36 homes could use the Block 5 extension, but from the Title Sheet it appears Blocks 6 and 7 could be added to this line in the future, for an additional 48 homes. Please clarify.
5. Will the water system be extended to serve Blocks 5 and 53? if so, a "Permit to Construct" will be required.
6. Please indicate manhole rim elevations on the profiles. A 0.1 foot drop is recommended through manholes.

.../2

A.C

Review of Plans and Specifications, Town of Marbleton Sewer Extension, DEQ 81-537
Date of Review - September 14, 1981
Page Two

7. On Sheet 3 of 3, a Drop Inlet Manhole Detail is shown. I realize this project doesn't require a drop manhole, but regardless it is required that the outside drop connection be entirely encased in concrete. The detail doesn't show this.

8. The notes of Sheet 3 of 3 should include a statement that a horizontal separation of ten feet will be maintained between all sewer and water lines, the distance measured edge to edge. Where this vertical separation cannot be obtained, the sewer shall be constructed of materials and with joints that are equivalent to water main standards of construction and shall be pressure tested to assure water tightness prior to backfilling.

9. Deflection tests should be conducted after the final backfill has been in place at least 30 days. The specs don't call for this.

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

FL:nb
9-14-81

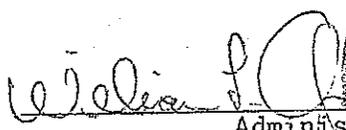
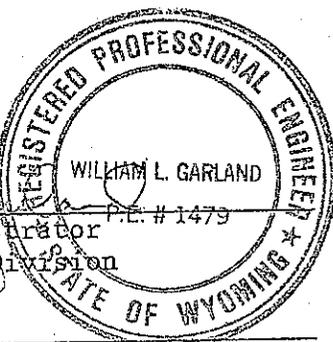
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

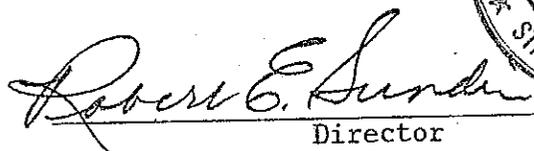
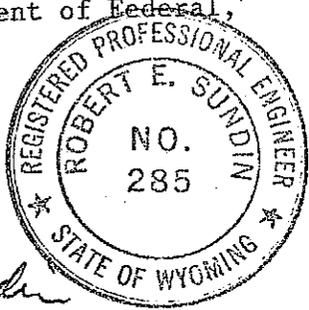
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


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



ROBERT E. SUNDIN
Director
Dept. of Environmental Quality


March 1, 1982

Date of Issuance

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



Department of Environmental Quality
Water Quality Division

210 LINCOLN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

January 25, 1982

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

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

Dear Mr. Anderson:

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

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

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

Respectfully,

Albert J. Berreth
Albert J. Berreth
Southwest District Engineer

AB:ch

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

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: GRASS VALLEY II MOBILE HOME COURT

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

OWNER: Broken Circle Cattle Company
P.O. Box 725
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-538

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: October 27, 1981

ACTION: Not authorized.

COMMENTS: As partial as-builts of Grass Valley I have been received, this review of Grass Valley II is being conducted. Approval, however, will not be given until Grass Valley I is resolved.

1. In reference to the "Typical Section" sheet 2/8, horizontal and vertical separation requirements must be met. The sewer riser comes within five feet of the water line and the water service line appears to pass one foot below the sewer main.
2. Six feet of cover is needed on the sewage force main.
3. On sheet 3/8, both class 100 and class 200 are specified for the sewage force main. Which is intended for use?
4. It appears some type of air release is needed for the water line between phase I and II (see sheet 4/8). On the same water line, the 22 $\frac{1}{2}$ ^o bend at station 8 + 33 does not show which direction a bend is required.
5. On sheet 5/8, where the water line crosses between the two sewer lines, please show that separation distances can and will be met.

.../2

A, B, C

Review of Plans and Specifications
Grass Valley II Mobile Home Court, DEQ #81-538
Date of Review - October 27, 1981
Page 2

6. Additional valving is needed on the loop shown on sheet 6/8.
7. Please show or note valving with fire hydrants.
8. Valving in the park needs to be more closely spaced. What is the possibility of looping the entire system? When will any looping be accomplished?
9. Is the minimum pressure given in the pressure calculation calculated with minimum available pressure?
10. Specifications for the lift station are needed.
11. The comments from the Evanston city engineer must be addressed. Also, a letter from the City is required on water and sewer availability.

AB:nb

Copy: Wayne Shepherd
Cheyenne DEQ/WQD
File (5)

Cheyenne
Winters

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144



PROJECT: GRASS VALLEY II MOBILE HOME COURT

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

OWNER: Broken Circle Cattle Co.
P.O. Box 725
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-538

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: September 22, 1981

ACTION: Not authorized.

COMMENTS: A final review of this project cannot be made until Grass Valley I has been finalized. As you remember, Phase I was not built according to the approved plans and specifications. This constitutes a violation of Wyoming Water Quality Rules and Regulations. Please submit as-built drawings as soon as possible and the revisions will be reviewed for compliance. Also, an inspection will be scheduled. I do not recommend occupancy of Phase I until the permit has been resolved.

AB:nb
xc:Wayne Shepard
Cheyenne DEQ/WQD
File (4)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: GRASS VALLEY II MOBILE HOME PARK

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

Rocky Mountain Engineering & Surveying
P.O. Box 805
Evanston, WY 82930

OWNER: South Valley Partnership
c/o Broken Circle Cattle Co.
P.O. Box 725
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-538R

REVIEWING ENGINEER: Al Berreth *ajb*

DATE OF REVIEW: December 4, 1981

ACTION: Not authorized.

COMMENTS: Per the phone review of December 4, 1981 the following items need to be addressed.

1. Both engineer's stamps or signatures are needed for those parts of the subdivision designed by them.
2. The floor slopes in both the overflow tank and holding tank need to be more exaggerated. A slope of at least 20% is recommended.
3. Specifications, pump curves, etc. are needed for the lift station.
4. It appears that system looping is needed at this time.
5. Sewer line pipe should be used between the lift station and the last manhole.
6. The invert of the inflow pipe from the holding tank is missing from the drawing.

AB/dl

cc: Wayne Shepherd
Cheyenne DEQ/WQD
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:

Administrator # 1479
Water Quality Division

August 27, 1981
Date of Issuance

Director
Dept. of Environmental Quality

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: PAMCO Small Wastewater Facility

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

OWNER: PAMCO
c/o Carlton & Carlton Assoc.
P.O. Box 435
Evanston, WY 82930
ATTN: Steve Jones

WATER QUALITY DIVISION REFERENCE NUMBER: 81-539

REVIEWING EVALUATOR: Francis LaBarge 

DATE OF REVIEW: August 20, 1981

ACTION: Not authorized.

COMMENTS: Your application was very good however the following information is requested before a "Permit to Construct" will be issued.

1. How did you arrive at the volume of wastewater presented in the application?
2. The plans show the shop sewer bypassing the septic tank. Exactly what type of wastewater will be coming from the shop? What type of work will be done in the shop?
3. Please provide details of the grease trap. What will be done with the solids removed from the trap? Verification is needed the grease trap is adequately sized.

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

FL/d1
8/20/81

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

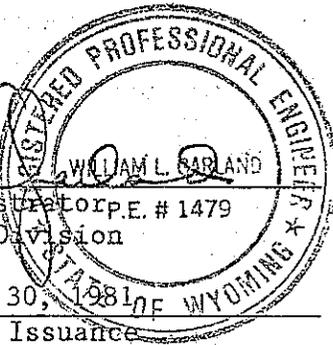
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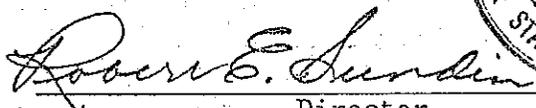
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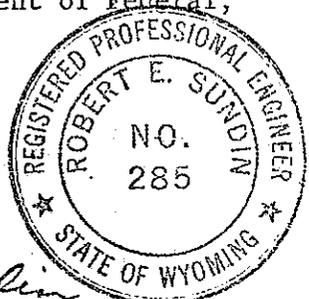
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AUTHORIZED BY:


WILLIAM L. SARLAND
Administrator P.E. # 1479
Water Quality Division
October 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:nb
10/30/81

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: FMC TOPSOIL SEDIMENT CONTROL STRUCTURE

ENGINEER: Skull Point Mine Attn: John Corra
FMC Corporation
P.O. Box 750
Kemmerer, WY 83101

OWNER: Skull Point Mine Attn: Clayton Kyte
FMC Corporation
P.O. Box 750
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 81-540R

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

DATE OF REVIEW: October 14, 1981

ACTION: Not authorized.

COMMENTS: A review of your reply to my August 20, 1981 review letter has been completed. The following points remain to be resolved before a "Permit to Construct" can be issued. I have addressed my reply in the order of the original review letter.

1. The revised statement is satisfactory; however, this revision should be made in the narrative provided with the original application. A revised narrative was not received with your reply.
2. It is agreed that the existing NPDES permit covers the operation of this pond. However, a revised "Application for Permit to Construct" form is needed which has this number on it (item #5).
3. Resolved.
4. Resolved.
5. The USLE calculation was not enclosed with your reply.
6. The staff gauge spec should be included in Section 3.0, Plans and Specifications.

A, B, C

Review of Plans and Specifications
FMC Topsoil Sediment Control Structure
Date of Review - October 14, 1981
Page 2

7. The rip rap material and placement spec should be included in Section 3.0, Plans and Specifications.

8. Resolved.

Additional Comment

9. Three copies are needed of all correspondence, plans, specs, etc. Only two sets of revised plans were received.

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

FL:nb
10/14/81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: FMC Topsoil Sediment Control Structure

ENGINEER: Skull Point Mine ATTN: John Corra
FMC Corporation
P.O. Box 750
Kemmerer, WY 83101

OWNER: Skull Point Mine ATTN: Clayton Kyte
FMC Corporation
P.O. Box 750
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 81-540

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

DATE OF REVIEW: August 20, 1981

ACTION: Not authorized.

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

1. Please note, there is a discrepancy in the narrative. Section 2 states that no discharge permit is required, but Section 2.4 says discharge will take place when the water meets the conditions of FMC's discharge permit. Please explain.
2. Any surface coal mining facility which discharges water from control facilities must apply for a permit to discharge. Please refer to Chapter I, Section 3 of the Wyoming Water Quality Rules and Regulations (copy enclosed). Application for a discharge permit for this facility should be made to John Wagner, of our Cheyenne office. The discharge permit number must be included on the "Application for Permit to Construct."
3. Verification is needed that the proposed structure can, indeed, be dewatered within ten days from the time the water meets the conditions of the discharge permit (i.e., pump capacities, availability, etc.).
4. The calculations indicate a velocity of 4.47 fps. in the collection ditches. Some type of erosion control will be necessary.

Review of Plans and Specifications
FMC Topsoil Sediment Control Structure, DEQ #81-540
Date of Review - August 20, 1981
Page Two

5. Please provide a copy of the USLE calculation.
6. Please spec the staff gauge. Wood is not recommended.
7. A riprap material and placement specification is needed.
8. What is the slope of the outside bank of the dike? It is recommended that none of the dikes, collection ditches and spillway slopes exceed a 3:1 slope.

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

FL:nb
Enclosure
8-24-81

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN

LANDER, WYOMING 82520

PHONE: (307) 332-3144

Lincoln

PROJECT: Gaub Small Wastewater Facility

ENGINEER: Baker Engineers
P.O. Box 210
Thayne, WY 83127
ATTN: Lloyd Baker

OWNER: Al Gaub
P.O. Box 20
Alpine, WY 83128

WATER QUALITY DIVISION REFERENCE NUMBER: 81-541R

REVIEWING EVALUATOR: Francis LaBarge *FL*

DATE OF REVIEW: September 2, 1981

ACTION: Not authorized.

COMMENTS: A review of your reply to my August 20, 1981 review letter has been completed. The following points remain to be resolved before a Permit to Construct can be issued.

1. Are the existing facilities covered by a permit from this department?
2. Resolved.
3. The location of the existing drainfield is unacceptable. All drain fields must be located a minimum of 10 feet from any dwelling or building.

Additional comments:

4. On the checklist sheet it calls for three trailers but then states there will be one bedroom and bath. What is the total number of bedrooms and baths?
5. What is the distance from the septic tanks to the leach field?

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

FL/pm
9/4/81

A.C

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
933 MAIN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Gaub Small Wastewater Facility

ENGINEER: Baker Engineers
P.O. Box 210
Thayne, WY 83127
ATTN: Lloyd Baker

OWNER: Al Gaub
P.O. Box 20
Alpine, WY 83128

WATER QUALITY DIVISION REFERENCE NUMBER: 81-541

REVIEWING EVALUATOR: Francis LaBarge *FL*

DATE OF REVIEW: August 20, 1981

ACTION: Not authorized.

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

1. Under what permit number is the existing septic tanks and leach field permitted? If they are not covered by an existing permit from this office, they must be permitted as a part of this application.
2. You have indicated the percolation rate is 1 min./3inches which equals 20 sec./inch. I find this number hard to accept. Please verify it.
3. The sketch enclosed with the application is not clear. A new drawing is needed showing the three trailers, septic tanks, leach field, well water lines, property boundaries. All distances listed under the General Notes on the Plan Sheet must be clearly shown.

Upon receipt of the requested additional information, in triplicate, a second review will be made. If you have any questions, please contact me at this office. One copy of your application is enclosed with this letter.

FL/dl
8/20/81
Enclosure

THE STATE



OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

October 27, 1981

Mr. Al Gaub
P.O. Box 20
Alpine, WY 83128

RE: Gaub Small Wastewater Facility
"As Built", DEQ Ref. No. 81-541RR

Dear Mr. Gaub:

The above referenced "as built" plans submitted to this office on October 27, 1981 appear to meet minimum design standards as defined by the State of Wyoming. A "Permit to Construct" cannot be issued because the facilities have already been constructed.

Please be advised that before any construction or modification of any facility capable of causing or contributing to pollution can take place, a "Permit to Construct" must first be issued. If you should become involved in such a construction in the future, please obtain the necessary permit.

This office considers this matter closed.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL:nb

Copy: Cheyenne DEQ/WQD

Carolyn Nield, Development Administrator, Lincoln County
File (2)

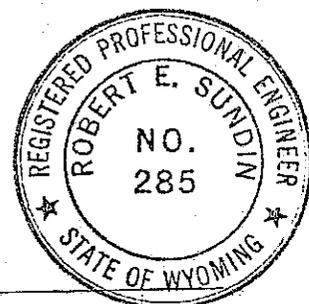
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

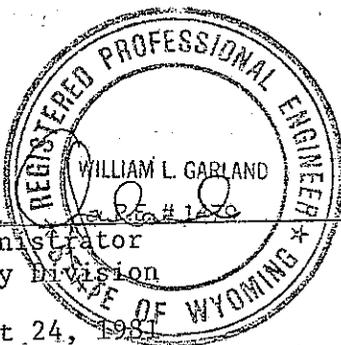
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Administator
Water Quality Division
August 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.

xc: Kanti Patel
P.O. Box 2743
Gillette, WY 82716

9-21-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-543R

McCue Addition Water Main
(Name of Facility)

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

L. W. Clark, L. J. Clark, D. W. Bunn and D. L. Bunn

P.O. Box 1010

Laramie, WY 82070

to construct, install, or modify a potable water distribution system facility according to the procedures and conditions of the application No. 81-543R. The facility is located in Section 29, T16N, R73W in the County of Albany, in the State of Wyoming.

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

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

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

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

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

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

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

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

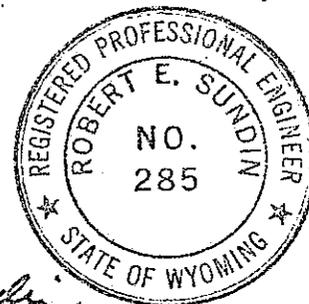
AUTHORIZED BY:



Administrator
Water Quality Division
September 16, 1981
Date of Issuance



Director
Dept. of Environmental Quality



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

cc: Lonnie Lanners
Alpha Engineering Inc.
21 N. Main #3
Sheridan, WY 82801

L.E.B.

Review of Plans and Specifications

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

PROJECT: McCue Addition Water and Sewer Extensions

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

WATER QUALITY DIVISION REFERENCE NUMBER: 81-543

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

Theodore D. Coyer

DATE OF REVIEW: 8-12-81

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Valves shall be provided at both ends of the river crossing so that it can be isolated for testing or repair. The valves shall be easily accessible, and not subject to flooding. The valve closest to the supply source shall be in manhole.
2. Permanent taps shall be made on each side of the valve within the manhole to allow insertion of a small meter for testing to determine leakage and for sampling purposes.
3. A profile of the water line is needed.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-544R

Lingle Water Pump & Transmission Line, Phase II - Water Pump
(Name of Facility)

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

Town of Lingle

Town Hall

Lingle, WY 82223

to construct, install, or modify a municipal water well and pump house facility according to the procedures and conditions of the application No. 81-544R. The facility is located in Section 18, T25N, R62W 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.

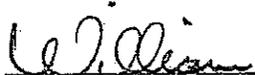
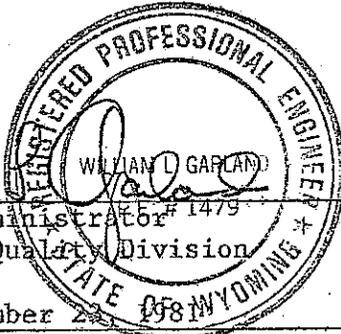
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

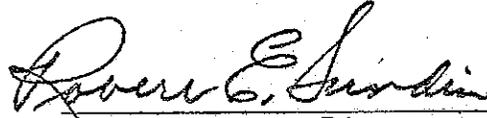
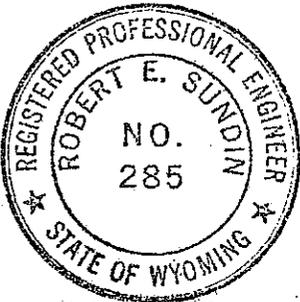
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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



Administrator # 1479
Water Quality Division
September 23, 1978
Date of Issuance



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 St.
Gering, NE 69341

L 96

Review of Plans and Specifications

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

PROJECT: Lingle Water Pump - Phase II

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

APPLICANT: Town of Lingle, Town Hall
Lingle, WY 82223

WATER QUALITY DIVISION REFERENCE NUMBER: 81-544

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

DATE OF REVIEW: August 27, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The following information must be submitted:
 - a. well data and aquifer characteristics
 - b. organic parameters for drinking water

7-22

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-545R

Block 3, Bennett Subdivision
(Name of Facility)

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

Raxon Investments Company

P.O. Box 930

Casper, WY 82602

to construct, install, or modify a potable water distribution system facility according to the procedures and conditions of the application No. 81-545R. The facility is located in Section 29, 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.

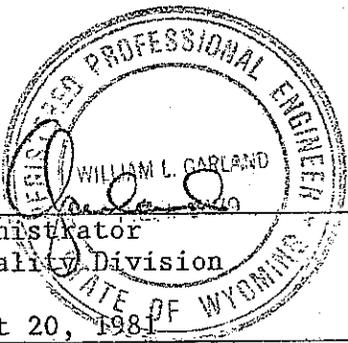
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

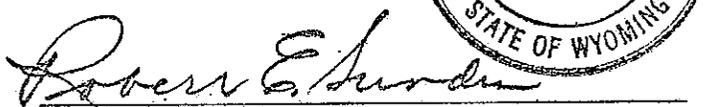
AUTHORIZED BY:



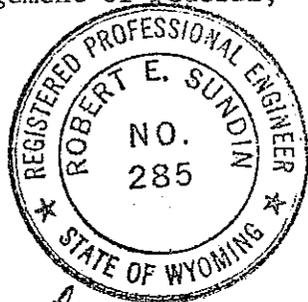
Administrator
Water Quality Division
STATE OF WYOMING
August 20, 1981

Date of Issuance





Director
Dept. of Environmental Quality



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

cc: Ed S. Rate, Jr.
Western Construction, Inc.
P.O. Box 930
Casper, WY 82602

L#6

Review of Plans and Specifications

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

PROJECT: Bennett Subdivision, Block 3

ARCHITECT OR ENGINEER: Ed S. Rate, Jr., Western Construction, Inc.
P. O. Box 930, Casper, WY 82602

WATER QUALITY DIVISION REFERENCE NUMBER: 81-545

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

Theodore D. Coyer

DATE OF REVIEW: August 12, 1981

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The plans indicate that thrust blocks will be provided where indicated by an arrow. However, no arrows are shown. Please clarify.
2. A profile of the water line should be provided.
3. Since this subdivision will not be served by municipal sewers, please indicate the percolation rate of the soils, so that we can be reasonably sure on-site systems can be approved in the future.



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

February 8, 1983

CERTIFIED #P 323 730 776

Mr. Rod Eastman
P. O. Box 1531
Jackson, WY 83001

RE: J-W Subdivision Water System, 81-546R

Dear Mr. Eastman:

On September 10, 1981, you were issued a construction permit for the referenced water system. A condition of that permit was periodic analysis of the water supply. To date we have received one set of analysis which were performed in December of 1981. Because of this, you are in violation of your permit.

Please submit the results of the required analyses by March 1, 1983. If the required testing has not been performed, please begin doing so at once and submit the results by March 1, 1983.

Enclosed is a copy of my October 7, 1981 letter to you outlining the required testing and its frequency. All quarterly samples need to be submitted by the 15th of the first month in each quarter--January, April, July and October.

Should you have question, please contact me.

Respectfully,

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

Albert J. Berreth
Area III Supervisor

AJB:dcn

Enclosure

cc: Cheyenne DEQ/WQD - Bill Ewen
Joe Chalfont
Bob Ablondi
File (2)



File

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

October 7, 1981

Mr. & Mrs. Rod Eastman
P.O. Box 1531
Jackson, WY 83001

RE: 81-456R, J-W Water System

Dear Mr. & Mrs. Eastman:

A condition of the above referenced permit is periodic sampling, monitoring and reporting of the well water quality. Along with this letter is a copy of Chapter VIII, Water Quality Rules and Regulations. Initially, a complete water analysis, consisting of all the parameters listed in Chapter VIII, must be performed to determine background water quality. Then, this analysis must be performed annually thereafter. Quarterly samples of chloride, nitrate, nitrite, ammonia and total dissolved solids must also be submitted.

The sampling dates will commence the day the water system is placed in operation.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Southwest District Engineer

AJB:nb
Enclosure

Copy: Bob Ablondi
Joe Chalfant
Tony Mancini
File (2)

20-8

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-546

Indian Hills Fourth Addition
(Name of Facility)

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

Door, Ltd.

1352 Indian Hills Drive

Laramie, WY 82070

to construct, install, or modify a municipal water distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 81-546. The facility is located in Section 26, T16N, R73W, Indian Hills Fourth Addition, Block 17, 18, 19, 20 & 21 in the County of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

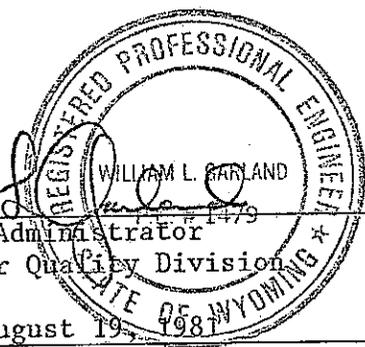
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

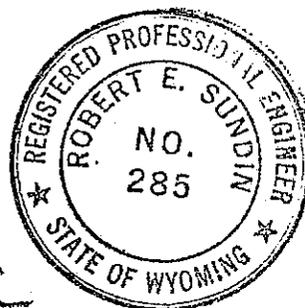
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

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

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

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division
August 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: Donald R. Lamb
Associated Engineers
910 Garfield
Laramie, WY 82070

2-25-71

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-547
Ref. No. 81-302 and 81-12R
SEE SPECIAL CONDITION

Westgate Park IV
(Name of Facility)

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

Barnard Lowham Development Company

P.O. Box 567

Casper, WY 82602

to construct, install, or modify a public water distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 81-547. The facility is located in Section 29, 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.

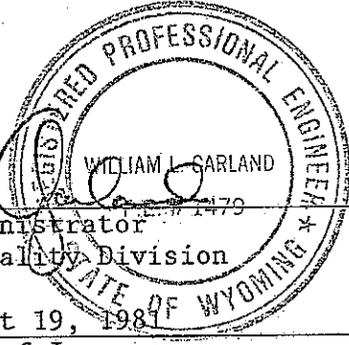
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

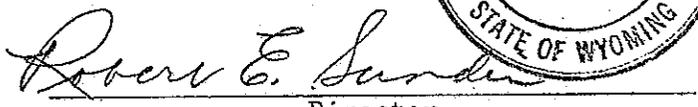
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

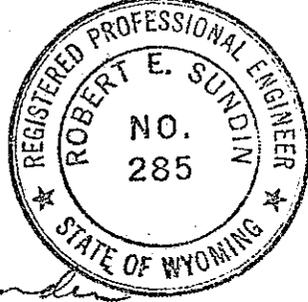
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator
Water Quality Division
August 19, 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: John E. Donmyer
HNTB
P.O. Box 3478
Casper, WY 82602

Conditions to Permit to Construct

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

9-8-81

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 81-548

SEE SPECIAL CONDITION

Oilfield Tubular Inspection Co.
(Name of Facility)

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

Nabusco

P.O. Box 3233

Farmington, New Mexico 87401

to construct, install, or modify a industrial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 81-548. The facility is located in Lots 4 & 5, Westgate Subdivision, Section 28, 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.

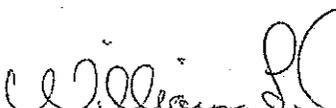
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

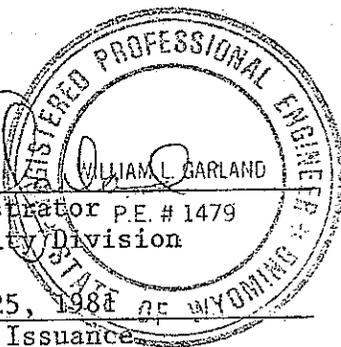
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

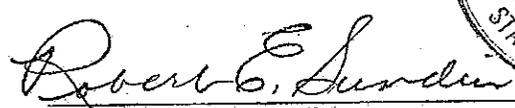
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

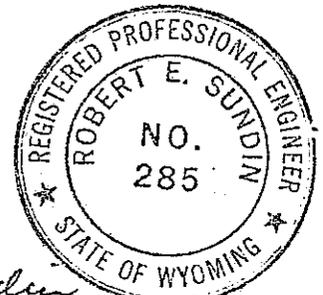
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:


WILLIAM L. GARLAND
Administrator P.E. # 1479
Water Quality Division
August 25, 1984
Date of Issuance




Robert E. Sundin
Director
Dept. of Environmental Quality



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

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

Chuck Davis
Natrona County Planner

Conditions to Permit to Construct

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



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 16, 1982

Dean R. McDonald
Jack B. Parson's Co.
P. O. Box 3429
Ogden, UT 84409

RE: Sim's Gravel Pit, 81-549RRRR

Dear Mr. McDonald:

As you know, I met with Ray Anderson at the referenced gravel pit on December 7, 1982 and explained to him those items which would be required to bring the water and sewer systems for the R. V. trailer park into compliance. The following outline is for your use in submitting construction plans which will bring the facilities at the R. V. park and gravel pit into compliance.

I. Water System

A. Identify source--well or spring

1. Well--A cover, positive surface drainage, and routine sampling will be required.
2. Spring--Development plan, surface protection, and possibly chlorination will be required.

B. Pumping system--Current pump and pressure tank need to be enclosed and evaluated for adequacy. Cycle time in excess of 10 minutes is recommended.

C. Water lines--The water lines serving the R. V. park need to be looped. All existing and proposed valves need to be identified. It is essential that either side of the R. V. park can be isolated and repaired without affecting service to the other side. Discussion of how the lines are drained for winter is also needed.

ABC

- D. Service lines--Service risers must have protective concrete collars and meet minimum separation requirements. Physical dimensions on the plans should demonstrate that separation and size requirements are met.
- E. Storage tank--Size and quality (wall thickness, coatings, etc.) of tanks to be used needs to be shown.

II. Sewage System

- A. Collection lines--Cleanouts are needed at the ends of lines.
- B. Service risers--Protective concrete collars are needed. Separation distances need to be shown.
- C. Holding tanks--Letters of agreement with the septage hauler and receiver are needed.

III. Building Sewer System

- A. Perc rates
- B. Location and separation distances

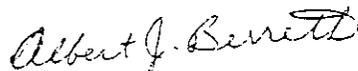
IV. Truck Washout Pond

- A. Physical dimensions
- B. Permiability
- C. Quantity and quality of washout water
- D. Assessment of relative impact to groundwater

Hopefully, we can have these matters resolved by February 1, 1983 and schedule a follow-up inspection for later in the spring.

Should you have questions, please contact me.

Respectfully,



Albert J. Berreth
Area III Supervisor

AJB:dcn
cc: Cheyenne DEQ/WQD
Great Basin Eng.--John Bradshaw
File (4)

ENFORCEMENT ACTION

Responsible Party & Location:
(including county) _____

Parsons Asphalt Prod.

Winta Co

Ref.No. ~~81-7474~~ 81-549RRR

Violation Const.

Docket # 81-7470

Date of Discovery -

Date of ^{Letter} ~~NOV~~ or ~~DOV~~ Dec 15, 1982

Referral to AG: _____
Date _____

AG Docket # _____

Action Taken Asked for
final plans by 2-1-83

Submitted by Bl. Barrett



Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

November 17, 1982

CERTIFIED MAIL

Parson Asphalt Products
ATT: Dean McDonald
1925 Highway 30 West
Evanston, WY 82930

RE: Sim's Gravel Pit, 81-549RRR, 81-7470

Dear Mr. McDonald:

On November 5, 1982 I visited the referenced gravel pit location with John Bradshaw of Great Basin Engineering. Because of the length of time this facility has been in operation and because a construction permit has not been issued and authorization of the constructed facilities is not possible, I am requesting that you voluntarily abandon the trailer parking facility. The water and sewer systems then will either need to be brought up to meet minimum design standards or removed from the area.

I will be in Evanston on December 6 and 7 and will investigate the site once again. All mobile homes will need to be removed by that time.

Should you wish to speak to me about this, please feel free to call or if you wish, we can meet together on December 6 or 7.

Respectfully,

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

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: John Bradshaw
Cheyenne DEQ/WQD
File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

210 Lincoln

LANDER, WYOMING 82520

PHONE: (307) 332-3144

Chy

PROJECT: PARSON ASPHALT PRODUCTS - SIMS PIT

ENGINEER: John Bradshaw
Great Basin Engineering Inc.
PO Box 1192
Evanston, WY 82930

OWNER: Parson Asphalt Products
1925 Highway 30 West
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-549RRR

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: January 19, 1982

ACTION: Not authorized.

COMMENTS:

1. There should an end pipe connecting the lateral lines of the leach field to form a closed circuit.
2. Show all the trailers, the shop and associated piping on the plant sheet.
3. Show the location of any water wells and water lines on the plan sheet and the distances to the septic system.
4. Groundwater must be at least four feet below the bottom of the absorption system. Because the groundwater level is at 6.5 feet, the trenches should be no deeper than 2.5 feet. This leaves room for one foot of cover on top of the gravel rather than the two feet you have listed.
5. There should be a fence or barrier around the leach field to keep traffic off it.
6. Your P.E. stamp or signature should be on each sheet.

RR:ch
1/20

A

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: PARSON ASPHALT CONSTRUCTION SITE - SIM'S PIT

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

OWNER: Richard Sims
Almy
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 81-549

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: October 5, 1981

ACTION: Not authorized.

COMMENTS:

1. The 4-inch sewer line and 1-inch water line are acceptable only if the design is based on 50 gallons/capita/day and two people/trailer, and the trailer camp is temporary. A letter from the owner stating that the trailers will be removed within one year will be a condition of the "Permit to Construct." If you choose not to meet these conditions, a 6-inch sewer and 2-inch water line will be required.

2. Calculations are needed to verify that 20 psi can be maintained in the water line during peak demand (four times average demand).

3. Holding tanks are acceptable only for a camp that will be on site for less than six months. A letter is needed from the hauler of the holding tank wastes stating how frequently the tanks are pumped and where the waste is disposed of. The 1,000-gallon tanks may have to be pumped once a day. Tanks with a holding capacity of 10,000 gallons, or larger, are much more appropriate.

If the above conditions cannot be met, plans for a leach field system should be submitted and the system installed as soon as possible. Leach fields will be required after six months (January, 1981), in any case.

4. An SDR should be specified for the sewer pipe.

.../2

A, B, C

5. A pressure class should be specified for the water pipe and a note added that the line is at least six feet deep.
6. Cleanouts are needed at the T intersections of the sewer line where it leads to the tanks.
7. *(Deleted)*
8. Additional well data required includes qualitative analysis of the well water, pump tests (yield and drawdown), drill log, and State Engineer's permit. I have enclosed the primary drinking water standards and Section 3.24 of "Ten States Standards" to give you an idea of what data should be submitted.
9. A profile drawing of the well is needed, including casing specifications, grouting scheme, pump location, water level, valves, etc.
10. Specifications are needed for the pump including a pump curve. The capacity of the well and pump should be at least 6-10 times the average daily consumption rate of the camp. (See the enclosed Section 7.2 of "Ten States Standards" and Section 2.8 of Chapter III of Wyoming's Water Quality Rules and Regulations.)
11. Specifications are needed for the pressure tank. The volume should be at least ten times the capacity of the largest pump, rated in gallons per minute. (Refer to the same enclosures as above.) The tank should be above ground.
12. A detail drawing of sewer and water risers is needed.
13. You should contact EPA in Denver to be on their drinking water monitoring program.
14. How are the holding tanks sealed? What type of access is there?
15. Are the two wells to be used, or just one?
16. The plans must be stamped or signed by a professional engineer registered in Wyoming.
17. An application sheet for a "Permit to Construct" must be submitted, in triplicate.
18. Final acceptance of the project is dependent on a review by our Groundwater Section, in Cheyenne.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 81-549RRRRRR
SEE SPECIAL CONDITION

Parson's Asphalt Products - Sim's Pit
(Name of Facility)

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

Parson Asphalt Products

P.O. Box 3429

Ogden, UT 84409

to construct, install, or modify a water distribution system and septic tank and drainfield system facility according to the procedures and conditions of the application No. 81-549RRRRRR. The facility is located in Section 31, T17N, 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 the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, WY 82935; telephone, 875-6911.

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:



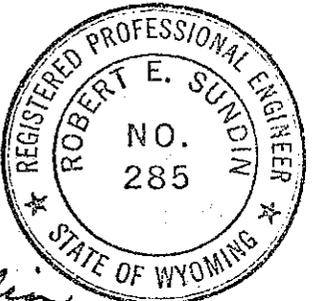
WILLIAM L. GARLAND
Administrator
Water Quality Division #1479
June 15, 1983

Date of Issuance





Director
Dept. of Environmental Quality



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

Condition to Permit to Construct

The permittee shall notify the Uinta County Sanitarian of the estimated day construction will commence on the septic tank and drainfield system and the estimated day of completion of that portion of the project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

William Cates
Uinta County Sanitarian
P.O. Box 895
Evanston, WY 82930



Department of Environmental Quality
Water Quality Division

933 MAIN

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

August 20, 1981

Great Basin Engineering, Inc.
PO Box 1192
Evanston, WY 82930
ATT: John Bradshaw

RE: Parson Asphalt Products - Sim's
Pit, DEQ #81-549

Dear Mr. Bradshaw:

The above referenced application is incomplete and cannot be accepted for review. Your application is enclosed with this letter.

The application must consist of an engineering report, detailed plans and specifications which address both the proposed water distribution and sewage collection systems. Also necessary are the calculations to support the design of these systems. Enclosed is a copy of Chapter III of the Wyoming Water Quality Rules and Regulations. Refer to Section 4 - Application for a Permit - for additional information. If you have any questions on what is needed for a complete application, please contact me at this office.

Yours truly,

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

Francis LaBarge
Water Quality Evaluator
Southwest District

FL/ch
Enclosure

xc: Cheyenne, DEQ/WQD
Parson Asphalt Products - Applicant
File (2)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 81-550RR
 *Conditions

BRIDGER MEADOWS

(Name of Facility)

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

David Balls
P.O. Box 402
Mt. View, WY 82939

to construct, install, or modify a water collection and sewage distribution systems including lift station and force main.

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

Sec. 33, T11^SN, 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.

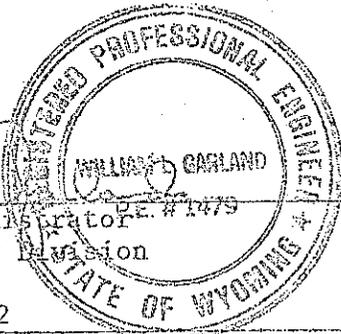
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction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

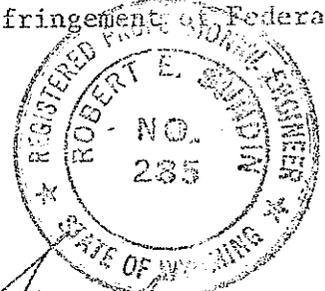
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Adminisrator P.E. #1479
Water Quality Division

January 12, 1982
Date of Issuance



Director
Dept. of Environmental Quality


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

*Conditions

Water supply must be provided before the subdivision is put into use. This supply will need to be permitted by the DEQ/WQD.

AB:d1
1/13/82

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 12, 1981

Mr. David Balls
1455 E. 6050 S.
Salt Lake City, UT 84121



Re: Bridger Meadows Sub., 81-550RR

Dear Mr. Balls:

Your "Permit to Construct" for the above referenced sub-division has been forwarded to Cheyenne for signature. Turn around time is generally two to three weeks. At that time you should receive your permit.

A condition of your permit will be the development of your water supply.

If you have questions, feel free to contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Southwest District Engineer

AB:dl

cc. Cheyenne, DEQ/WQD
Uinta County Planner
Coon, King & Knowlton
File (4)

81-550



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 3, 1982

Mr. David Balls
1455 E. 6050 South
Salt Lake City, UT 84121

RE: Bridger Meadows Subdivision

Dear Mr. Balls:

It is time that your well be drilled and sampled and the results forwarded to this office. Also, you will need to permit the well and pressure system.

The preliminary specifications for the well have been reviewed and the following five comments relate to these specifications:

1. If perforated casing is to be used in lieu of screen, an acceptable gravel pack needs to be installed
2. The well needs to be pump tested at a rate 1.5 times the desired capacity.
3. Minimum weight and thickness of casing needs to be stated.
4. All requirements as set forth in "Ten States Standards" must be met.
5. A new application form needs to be submitted.

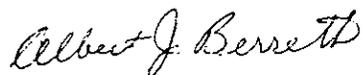
Reviewing the letter from Ft. Bridger, has given me the impression that fire flow only is to be provided. That is, they do not intend to serve as an emergency source. If this is the case, a second water source will need to be provided.

Mr. David Balls
February 3, 1982
Page 2

I will be looking forward to hearing from you by March 15, 1982.

Please call if you have questions.

Respectfully,



Albert J. Berreth
Southwest District Engineer

AJB:ch

cc: Cheyenne DEQ/WQD
Coon, King & Knowlton
Dennis Farley
File (4)

*Cheyenne
Linda*

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN STREET
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Bridger Meadows

ENGINEER: Coon King & Knowlton
5330 S. 900 E.
Salt Lake City, UT 84117
ATTN: Hooper Knowlton

OWNER: David Balls
P.O. Box 402
Mountain View, WY 82939

WATER QUALITY DIVISION REFERENCE NUMBER: 81-550

REVIEWING ENGINEER: Al Berreth *afb*

DATE OF REVIEW: September 14, 1981

ACTION: Not authorized.

COMMENTS: A permit to construct will be issued upon resolution of the following items:

1. A letter is needed from Ft. Bridger stating that they have the capacity in both their water and sewer systems to accommodate the proposed growth. Also, the letter needs to express the willingness of the District to accept this added responsibility.
2. Three copies of the plans, specifications, and engineering report are required.
3. All water/sewer line crossings must be shown on the sewer line profile. Vertical separation requirements must be met.
4. Please note water/sewer line horizontal separation.
5. On sheets 2 and 4, the zone, where 10 feet of water/sewer horizontal separation is not maintained, needs to be delineated and special precautions noted in the specifications.

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6. Gate valves need to be shown. They should also be shown in conjunction with fire hydrants.
7. An analysis of the water system must be provided which demonstrates the capability of the system to meet 20 psi at fire flow.
8. All dead-end water lines must be provided with a blow-off.
9. The water mains must have six feet of cover. Please note on drawings.
10. Manhole at Station 12+00 appears to be a low point in the system. Has a lift station been left out?
11. Where is the existing water line which is to be tapped?
12. Please justify not providing water line profiles.
13. An estimate of the daily, average, low and peak water and sewage flows needs to be provided.
14. The availability of specifications must be noted on the plans.
15. Detailed drawings must be provided.
16. The drawings need to be stamped or signed by a Wyoming registered Professional Engineer.
17. Who is to provide individual services? Details need to be provided for any installed on this project.

AB:nb

xc: Cheyenne DEQ/WQD
Carlton & Carlton
Ft. Bridger
File (4)