



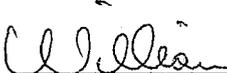
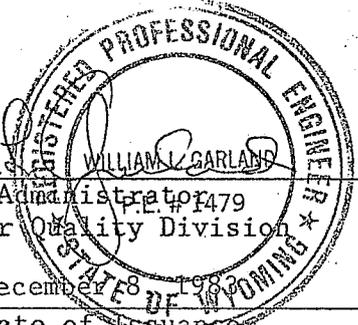
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

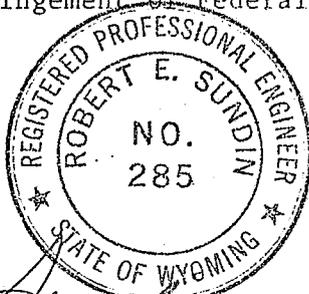
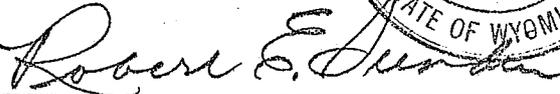
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
  
WILLIAM GARLAND  
Administrator #479  
Water Quality Division  
December 8, 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

xc: Frank Muth  
Muth Engineering  
P.O. Box 3905  
Missoula, Montana (w/plans)

CONDITIONS ATTACHED TO  
PERMIT TO CONSTRUCT  
FOR  
PARKMAN RESERVOIR  
REFERENCE NO. 83-601

1. The permittee shall retain an independent inspector, qualified and experienced in the construction of dams and the classification of soils, to oversee the construction of the dam and certify that the facilities are constructed in accordance with this Permit and the approved Plans and Specifications.
2. Prior to the introduction of any produced water into the facility, the independent inspector shall submit certification to the Water Quality Division that the facility has been constructed in accordance with this Permit and the approved Plans and Specifications.
3. The Parkman Reservoir facility shall be used as a receiver for oil well production water only. No other wastes or wastewater of any kind shall be introduced into the reservoir without the written permission of the Department of Environmental Quality.
4. The reservoir dam, the liners for the oil skim ponds, and the seepage containment dam shall all be constructed of those materials indicated in the geotechnical investigation prepared by GMT Consultants, Inc., and in the supplementary information submitted November 29, 1983. Specifically:
  - a) The main dam core and subsurface cutoff shall be constructed of "Zone 2" material, which shall be low permeability clay excavated from the west slope of Parkman Draw, and shall be compacted to 98% of the maximum dry density, within 2% of optimum moisture, as determined by ASTM D698;
  - b) The bottoms and sides of the skim ponds shall be lined with three (3) feet of Zone 2 material, compacted as outlined above;
  - c) The seepage containment dam located downstream of the main dam shall be constructed of, and the bottom and sides of the seepage reservoir shall be lined with three (3) feet of Zone 2 material, compacted as outlined above.
5. The subsurface cutoff wall below the main dam shall be constructed to a depth sufficient to intercept the clay shale formation, referred to in the GMT geotechnical investigation, and which appears to be between 10 and 20 feet deep along the center line of the dam.
6. Under no condition shall wastewater be discharged from the main reservoir or the seepage reservoir. If at any time the liquid level in the seepage reservoir reaches elevation 4751, the permittee shall pump sufficient liquid from the seepage reservoir back into the main reservoir so as to reduce the liquid level to less than elevation 4750.

Water Quality Division  
Groundwater Section  
Permit Application Review

*Norma,  
Comments sent to  
Sheridan -  
I retained copy of  
plans +  
Geotech. Report.  
Dick*

Application Number 83-601

Date Submitted For Review 10-31-84

Name and Location of Facility Parkman Reservoir Dam  
Sec 31, T46N, R76W  
Johnson Co.

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

- No Comment. The submittal is consistent with current groundwater protection procedures and requirements.
- Comments attached.

Signed Richard J. Linnex  
Title Eng. Eval.  
Date 11-22-83

Approved 11/22/83  
(Date)

gjm  
(Signed)  
Groundwater Control Supervisor



*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

M E M O R A N D U M

TO: A.J. Mancini, Groundwater Supervisor

FROM: R.J. Lennox, Engineering Evaluator

DATE: November 22, 1983

SUBJECT: Parkman Reservoir, Oil Well Production Water Disposal Facility  
T46N, R76W, S31 Johnson County

- 1) A review of the subject plans and specifications, sheets 1-4, along with the Geotechnical Investigation concerning the Parkman Reservoir Dam has indicated the following:
  - a. In accordance with Water Quality Rules and Regulations, Chapter XI (proposed), Part C Section 1: "If impact of the wastewater cannot be determined, any discharge or seepage shall be prohibited." The applicant has not demonstrated that the saline waters to be disposed of in both the settling ponds and the reservoir will not have an adverse effect on the local groundwater therefore seepage should not be allowed.
  - b. In accordance with Chapter XI Section 6.a (2) "Ponds . . . may be located within . . . draws . . . provided a by-pass ditch is installed capable of passing the 24 hours - 100 year precipitation event." There are no calculations to show that the diversion ditch proposed will in fact meet this condition.
  - c. Chapter XI (proposed) Section 6.b. (1) requires that the effect of groundwater mounding on the seepage rate must be evaluated, this has not been done.
  - d. Chapter XI (proposed) Section 6.f. (1) states that "Liners shall be required if the wastewater characteristics or site conditions will not insure the protection of the groundwater for which it is classified." And "If a subsurface groundwater investigation is not performed, the groundwater shall be protected from the pond with three feet of soil having a permeability of  $10^{-7}$  or less." Since the permeability stated for reservoir loss calculations is  $1 \times 10^{-5}$  the minimum conditions for liner material has not been

Memo To: A.J. Mancini  
Page Two  
November 22, 1983

met for the reservoir. Additionally, the approximate field permeability values reported range from  $1 \times 10^{-3}$  to  $1 \times 10^{-4}$  cm/sec which also indicated that the reservoir and barrow areas should be scarified and compacted prior to reservoir filling; no indication of this procedure is presented on the drawings. No details have been given for the permeability of the materials used to line the oil skim ponds.

- e. Details have been presented concerning the internal drain system for the dam embankment; however, no information has been presented concerning the disposal or discharge of this seepage after it is routed through the gravel finger drains.
- f. In GMT's letter dated November 3, 1983, they stated that "We have used two basic approaches to estimating losses; both yielded the same order of magnitude. Do not concur that .02 gpd/ft<sup>2</sup> is the same magnitude as .53 gpd/ft<sup>2</sup>

Potential seepage using both figures:

$$.02 \times 43560 \times 9.06 = 7,893 \text{ gpd}$$

$$.53 \times 43560 \times 9.06 = 19,732 \text{ gpd}$$

Also, how was "i" or "dh/dl" determined to be on the order of 0.1?

- g. Table III; Anticipated Composition of Stored Water, states values of all constituents will be significantly lower than the overall average of the produced waters being discharged to the pond, i.e., values contained in Table IV; Water Quality Data from Heldt Draw Wells.
  - h. The slopes of the oil skim pond inner dikes are listed as 3:1 and 2:1 (Section 3/4) Slopes should all be 3:1 at a minimum.
  - i. Figure 1 accompanying the GMT Geotechnical Investigation indicates an emergency spillway on the east end of the dam, this does not show up on the Site Plan, sheet 3 of 4. This needs clarification.
- 2) It is recommended that a permit to construct not be issued until the above items above be addressed satisfactorily by the applicant.

10-25-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-602

Saratoga Sewer Line Replacement Priority 1-4  
(Name of Facility)

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

Town of Saratoga and  
Carbon County Joint Powers Board  
P.O. Box 486  
Saratoga, WY 82331

to construct, install, or modify sanitary sewer main facilities according to the procedures and conditions of the application No. 83-602. The facilities are located in Sections 11 and 14, T17N, R84W in the County of Carbon, in the State of Wyoming.

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

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

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

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

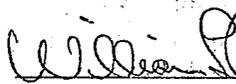
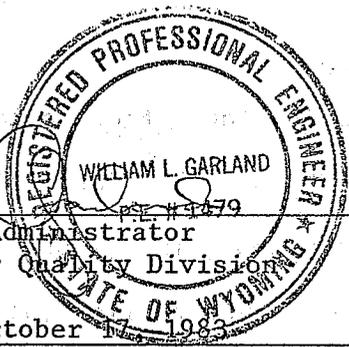
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

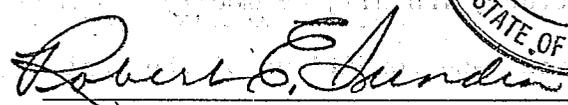
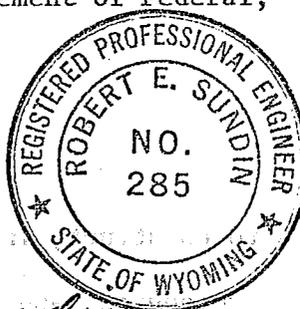
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
P.E. # 4479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
October 17, 1983  
Date of Issuance

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

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

cc: Paul J. McCarthy  
Robert Jack Smith & Assoc.  
P.O. Box 1104  
Rawlins, WY 82301



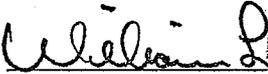
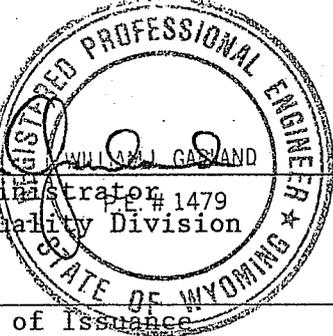
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

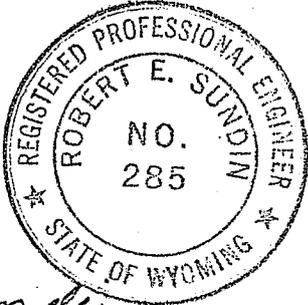
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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


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


November 9, 1983

\_\_\_\_\_  
Date of Issuance

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

EB:dcn

2-7-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1984

Ted Hall  
Arch Mineral Corp.  
P.O. Box 490  
Hanna, WY 82327

RE: Medicine Bow Coal Mine Sedimentation Control Facilities, Applications  
#83-505 and 83-604

Dear Ted:

Per our conversation on February 6, 1984, I am returning permit to construct applications #83-505 and #83-604 concerning the Medicine Bow Coal Mine sedimentation control facilities as these have been incorporated into application #84-23. None of these projects have been permitted to date and construction cannot commence until the project has been permitted.

Sincerely,

Thomas S. Norman  
Water Quality Engineer

TSN

cc: Robert Shanks  
Arch Mineral Corp.  
500 N. Broadway  
St. Louis, MO 63102

Review of Plans and Specifications

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

PROJECT: Medicine Bow Coal Company, Sedimentation Ponds, Carbon Co.

ARCHITECT OR ENGINEER: Robert W. Shanks, Arch Mineral Corp.  
500 N. Broadway, St. Louis, MO 63102

APPLICANT: Ted J. Hall, Medicine Bow Coal Co.  
P.O. Box 490, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 83-604

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

DATE OF REVIEW: November 8, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The sedimentation ponds are undersized. The "Wyoming General Soil Map" indicates the predominant soil group to be "Torriorthents" with a hydrologic group D or C. From table 9.2 of the SCS handbook on "Hydrology" for contoured rangeland, the curve number ranges from 70-81 depending on the hydrologic condition of the watershed. Since this is disturbed land and will not have any appreciable ground cover, a curve number of 81 (85 if the slopes are not contoured) should be issued to determine runoff.
2. From figure 10.1 of the SCS method for determining direct runoff and using a 10 year-24 hour precipitation event of 1.6 inches and a curve number =81, the runoff will be 0.4 inches (0.5 if the slopes are not contoured).
3. Based on 0.4 inches of runoff, your sedimentation ponds are undersized.
4. It appears that you did not consider providing any free board for these ponds. Will they be completely below grade without dikes?
5. The location of the spillway needs to be shown.
6. How will the sedimentation ponds be emptied after each precipitation event?
7. Details of how the quantity of sediment was determined need to be provided.



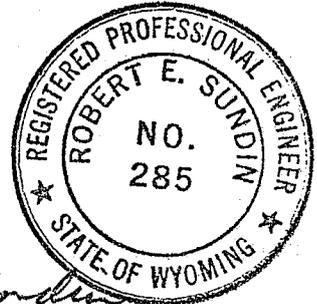
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 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  
November 1, 1983  
Date of Issuance

A circular seal for a Registered Professional Engineer. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM L. GARLAND" and the number "NO. 1479".

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

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



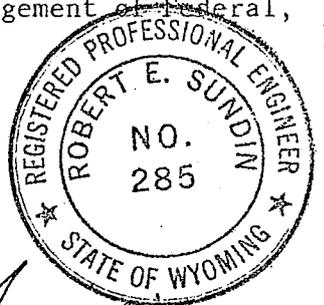
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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, 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. Carlson*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
PE # 1479  
November 1983  
Date of Issuance

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

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

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

xc: Robert Rothermel  
Alliance of Architects & Engineers  
P.O. Box 6161  
Gillette, WY 82716

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-607

Sewer Line Modification - Alexander Ave. and 20th Street  
(Name of Facility)

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

Cheyenne Board of Public Utilities

2100 Pioneer Ave.

Cheyenne, WY 82001

to construct, install, or modify a santiary sewer facility according to the procedures and conditions of the application No. 83-607. The facility is located in Section 32, T14N, R66W, Lot 4, Block 307, Original City of Cheyenne 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.

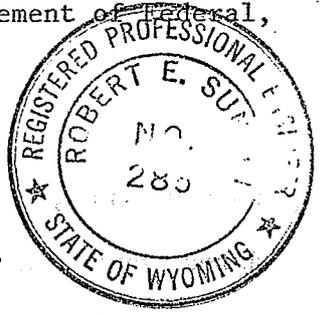
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

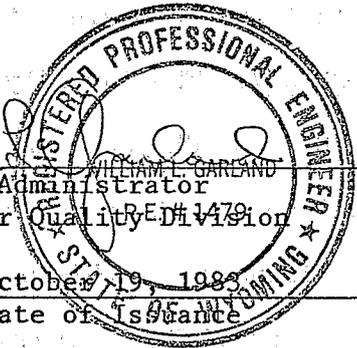
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:



*William L. Garland*  
\_\_\_\_\_  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
October 19, 1983  
Date of Issuance

A circular seal for a Registered Professional Engineer in the State of Wyoming. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM L. GARLAND" and the number "NO. 1479".

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

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

cc: Peter J. Hutchison  
Intermountain Professional Services  
2206 Pioneer Ave.  
Cheyenne, WY 82001



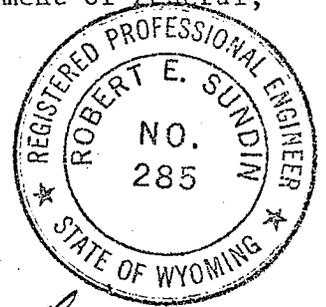
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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 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, Wyoming 82935; telephone, 875-6911.

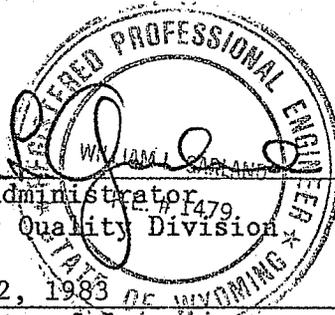
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

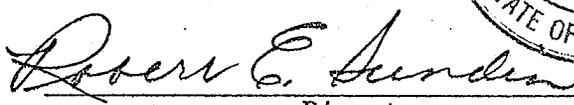
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



  
Administrator #1479  
Water Quality Division  
November 2, 1983  
Date of Issuance

A circular seal for a Registered Professional Engineer. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom, separated by two stars. The inner circle contains the name "WILLIAM J. ANDERSON" and the number "NO. 1479".

  
Director  
Dept. of Environmental Quality

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

\* CONDITIONS OF PERMIT \*

The permittee shall notify representatives of the Sublette County Planning Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to back-filling. The authorized representative in your area can be contacted at the following address:

Jeannette Montgomery  
Sublette County Planner  
P. O. Box 506  
Pinedale, WY 82941

JB:mpm

cc: Robert A. Harrower  
P. O. Box 67  
Pinedale, WY 82941



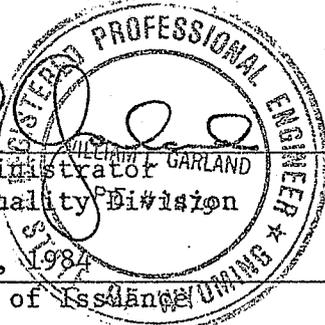
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

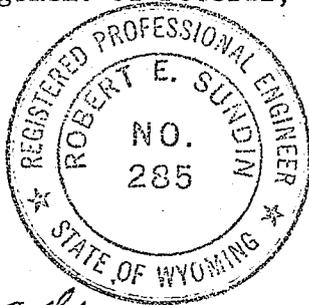
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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:

A circular seal for a Registered Professional Engineer, State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, the name "WILLIAM J. GARLAND" is written, with "ADMINISTRATOR" and "WATER QUALITY DIVISION" written below it. The seal is stamped over a signature and the text "Administrator" and "Water Quality Division".  
*William J. Garland*  
Administrator  
Water Quality Division  
January 23, 1984  
Date of Issuance

A circular seal for a Registered Professional Engineer, State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top and "STATE OF WYOMING" around the bottom. In the center, the name "ROBERT E. SUNDIN" is written, with "NO. 285" written below it. The seal is stamped over a signature and the text "Director" and "Dept. of Environmental Quality".  
*Robert E. Sundin*  
Director  
Dept. of Environmental Quality

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

JB:mpm

cc: Stan de Sousa  
Pacific Power & Light Co.  
920 S.W. Sixth Avenue  
Portland, OR 97204



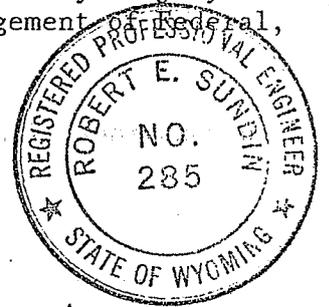
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

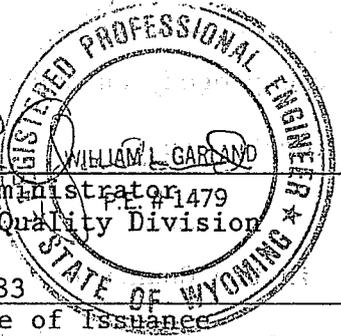
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

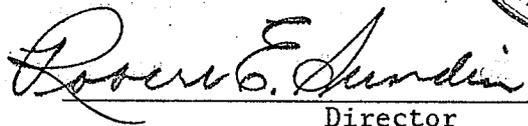
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 L. Garland  
Administrator #1479  
Water Quality Division  
STATE OF WYOMING

  
Director  
Dept. of Environmental Quality

October 19, 1983  
Date of Issuance

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

JH:dcn



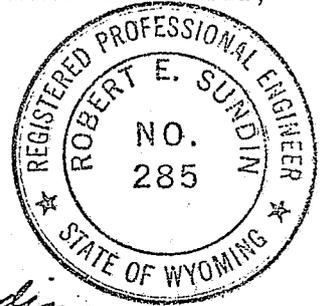
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 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:



  
\_\_\_\_\_  
Adminstrator WILLIAM L. GARLAND  
Water Quality Division  
November 14, 1983  
Date of Issuance

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

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

xc: Centennial Engineering  
237 N. Main, Suite 1  
Sheridan, WY 82801

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Clearmont  
Water Distribution System

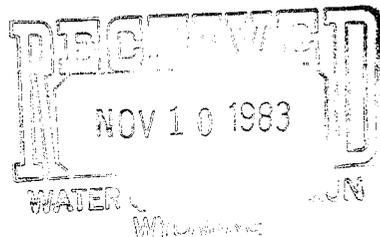
ARCHITECT OR ENGINEER: Centennial Engineering  
237 North Main  
Sheridan, Wyoming 82801

WATER QUALITY DIVISION  
REFERENCE NUMBER: 83-612

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: November 8, 1983

ACTION: Not Authorized



COMMENTS:

- 1.) The fire hydrant at the east end of Piney Avenue (sheet 3, detail 3) should be served by a six inch line.
- 2.) A table showing details and dimensions of thrust blocks for various bends and appurtenances should be submitted if available.
- 3.) A detail drawing or specification should be provided for sewer-water crossings that are closer together than 18 inches (sheets 2 and 3). Namely, the length of water pipe at the crossing should be located so both joints are as far from the sewer as possible. Special structural support for the pipes should also be provided at the crossings if deemed necessary.
- 4.) In the specifications under section 7.11 Sterilization the first paragraph calls for a chlorine solution of 50 ppm to be held in the system for eight hours. Section 7.11g Retention Period calls for a holding time of 24 hours for the chlorine solution. The two sections appear to be contradictory.



# POWDER RIVER CONTRACTING, INC.

ROUTE 1, BOX 108  
BUFFALO, WYOMING 82834

PHONE 684-2828

CHARLES IRIGARAY

Mr. E. J. Fanning  
Water Quality Division  
Dept. of Environmental Quality  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

Re: Permit No. 83-613

Dear Mr. Fanning:

In our recent modification request and your approval to permit no. 83-613, we neglected to update the lease locations identified under "Name of Facility". Therefore, we request your approval to modify the same to be as follows:

CDUC - 4

CDUC - 6

Heldt Draw 57P, 58P, 59A, 64, 67, and 80.

Iberlin 14-11, 14-13, 21-14, 21-34, 23-11, 23-27, 23-34, 32-34, 34-34,  
41-14, and 43-34.

Pheasant Fee 2-18, 2-19 and 4-18

We apologize for the extra paper work and inconvenience caused by this request.

Thank you for your assistance.

Sincerely,

POWDER RIVER CONTRACTING, INC.

Charles G. Irigaray, President

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-613

Heldt Draw Numbers 57P, 58P, 59A, 64, 66, 67 and 80  
(Name of Facility)

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

Powder River Contracting, Inc.

Box 340

Buffalo, WY 82834

to construct, install, or modify a produced water road dust control facility accord-  
ing to the procedures and conditions of the application No. 83-613. The facility is  
located in T44-T47N, T76-T81W in the Counties of Campbell and Johnson, in the State  
of Wyoming. This permit shall be effective for a period of one (1) year (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 Per-  
mittee understands that it is solely responsible to any third parties for any liabil-  
ity 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 immu-  
nity.

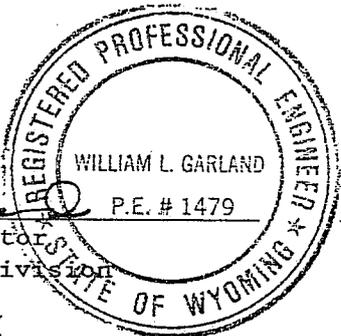
The permittee shall allow authorized representatives from the Department of Environ-  
mental Quality, Water Quality Division, upon the presentation of credentials and dur-  
ing working hours, to have access to inspect the facilities, at the above location,  
for the purpose of compliance with the provisions 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 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, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

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

Ralph Wool  
Director  
Dept. of Environmental Quality

June 26, 1986  
Date of Issuance

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

This permit authorizes you to dispose of 2,500,000 gallons of produced water on the adjoining 105 miles of lease roads, a total liquid application of 0.36 inches, based on an average TDS of 9,213 mg/l.

CONDITIONS TO PERMIT TO CONSTRUCT NO. 83-613

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 2161 Coffeen Avenue, Sheridan, Wyoming 82801, phone number 672-6457, to arrange a field inspection prior to initiation of work. The District engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.



# Johnson County Commissioners

Buffalo, Wyoming 82834



76 North Main Street  
Phone 684-7555

Simon J. Iberlin  
Harold Jarrard  
Charles E. Buell

June 6, 1986

Powder River Contracting, Inc.  
P. O. Box 340  
Buffalo, Wyoming 82834

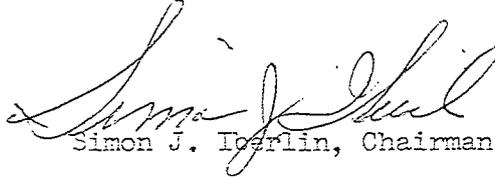
Dear Sirs:

We have discussed your request for approval to dispose of waste water for dust control on the roads of Johnson County as designated on the map you submitted. Roads involved would be CR# 165, 229, 223, 254, 76, 110, 86, and the Pheasant road. Subject to the approval of the proper state authorities, we have approved your request.

Our approval is based on your dispersion in an orderly fashion so as to not cause any unnecessary accumulations of water on the roads and to dispose only during favorable weather conditions.

Sincerely,

BOARD OF COUNTY COMMISSIONERS  
Johnson County, Wyoming

  
Simon J. Iberlin, Chairman

SJI/vd  
enc. 1

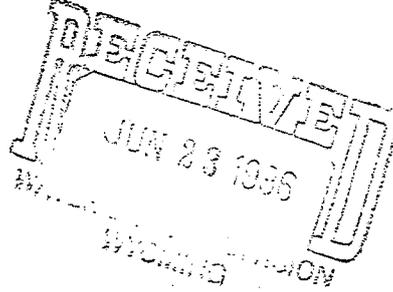


# POWDER RIVER CONTRACTING, INC.

ROUTE 1, BOX 108  
BUFFALO, WYOMING 82834  
PHONE 684-2828

CHARLES IRIGARAY

Mr. E. J. Fanning  
Water Quality Division  
Dept. of Environmental Quality  
1111 East Lincolnway  
Cheyenne, Wyoming 82002



Re: Permit No. 83-613 modification request

Dear Mr. Fanning:

Pursuant to our telephone conversation of a couple weeks past, we hereby request modification to permit no. 83-613 issued to Powder River Contracting, Inc. on April 18, 1986. The modification requested is to extend the application areas in Exhibit B of the permit to include those additional road application areas shown on the attached map and high lighted. We requested approval from the Johnson County Commissioners for disposing on the related County roads and have received their concurrence, a letter of which is attached for your reference.

Accordingly, we further request an increase in the maximum annual volume included in the permit up to a total of 2,500,000 gallons of produced water. Also, the total approximate distance of total roads would increase to an estimated 105 miles.

No further changes to the permit conditions are requested. Your immediate consideration and response to this request is appreciated.

Sincerely,

POWDER RIVER CONTRACTING, INC.

*Charles Irigaray*  
Charles G. Irigaray, President



2222

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 83-613  
SEE SPECIAL CONDITIONS

Heldt Draw Numbers 57P, 58P, 59A, 64, 66, 67, and 80  
(Name of Facility)

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

Powder River Contracting, Inc.

Box 340

Buffalo, WY 82834

to construct, install, or modify a produced water road dust control facility according to the procedures and conditions of the application No. 83-613. The facility is located in T45 and 46N, R76W and 77W in the Counties of Campbell and Johnson, in the State of Wyoming. This permit shall be effective for a period of one (1) year (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.

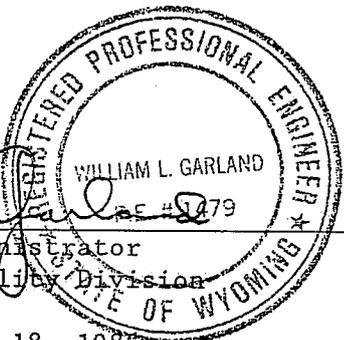
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
William L. Garland  
Administrator  
Water Quality Division

Ralph Wood  
Director  
Dept. of Environmental Quality

April 18, 1986  
Date of Issuance

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

This permit authorizes you to dispose of a maximum annual volume of 750,000 gallons of produced water on the adjoining 50 miles of lease roads a total liquid application of 0.23 inches based on an average TDS of 9,213 mg/l.

CONDITIONS TO PERMIT TO CONSTRUCT NO. 83-613

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. This permit is valid only for the waste type received from the generating facilities described herein, and for the application areas delineated in Exhibit B. The permittee will contact the DEQ district engineer in Sheridan (672-6457) to arrange a field inspection of activities before the first disposal of produced water is accomplished.

cc: Rich Ruyle, Sheridan

12-17

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-613  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Heldt Draw #'s 57P, 58P, 59A, 64, 66, 67, 80  
(Name of Facility)

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

Powder River Contracting, Inc.

Box 340

Buffalo, WY 82834

to construct, install, or modify a produced water disposal facility according to the procedures and conditions of the application No. 83-613. The facility is located in T45 & 46N, R76 & 77W in the Counties of Campbell and Johnson, in the State of Wyoming. This permit shall be effective for a period of one year (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.

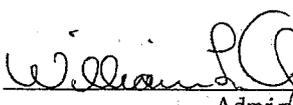
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

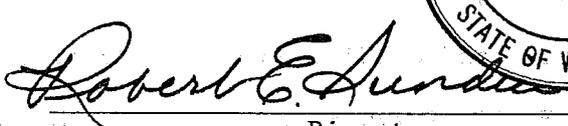
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator # 1479  
Water Quality Division  
STATE OF WYOMING  
December 10, 1984  
Date of Issuance

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

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

This permit authorizes you to dispose of 25,000 gallons per day of produced water on the surrounding roads, a total liquid application of 0.064 inches.

CONDITIONS TO PERMIT TO CONSTRUCT #83-613

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. To assess the long term effects of the wastewater application on the soil and its relation to revegetation success on denuded areas, the seed mix (% of selected species), seed rate (lbs. of bulk seed/acre and % pure live seed), mulch and fertilizer preferred by the landowner-lessee or land management agency should be forwarded to E. J. Fanning, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002, within 30 days of receipt of this permit. Not applicable to this permit.

11/3/83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-613  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Heldt Draw #'s 57P, 58P, 59A, 64, 66, 67, 80  
(Name of Facility)

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

Powder River Contracting, Inc.

Route 1, Box 108      *Box 340*

Buffalo, WY 82834

to construct, install, or modify a produced water disposal facility according to the procedures and conditions of the application No. 83-613. The facility is located in T45 & 46N, R76 & 77W in the Counties of Campbell and Johnson, in the State of Wyoming. This permit shall be effective for a period of one year (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
October 25, 1983  
Date of Issuance

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

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

This permit authorizes you to dispose of 25,000 gallons per day of produced water on the surrounding roads, a total liquid application of 0.064 inches.

CONDITIONS TO PERMIT TO CONSTRUCT

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application or 15% for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. To assess the long term effects of the wastewater application on the soil and its relation to revegetation success on denuded areas, the seed mix (% of selected species), seed rate (lbs. of bulk seed/acre and % pure live seed), mulch and fertilizer preferred by the landowner-lessee or land management agency should be forwarded to E. J. Fanning, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002, within 30 days of receipt of this permit. Not applicable to this permit.



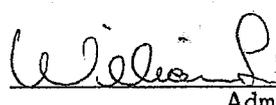
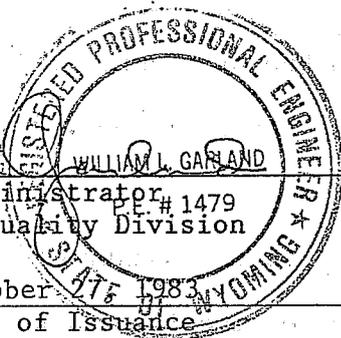
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

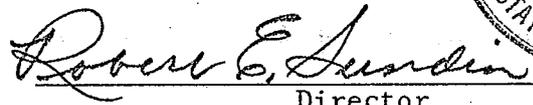
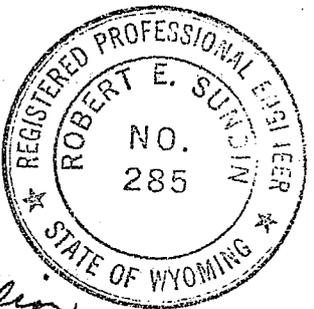
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
Administrator, P.E. # 1479  
Water Quality Division  
October 1983  
Date of Issuance  


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


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

CONDITION

This facility is considered a temporary wastewater facility. The sewer lines and holding tank(s) will be removed from the site or abandoned within six months of the installation date.

xc: CEI, Inc  
P.O. Box 2000  
Casper, Wyoming 82602



*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

May 16, 1986

McIlnay-Adams & Co.  
2305 Oxford Lane  
Casper, WY 82604

To whom it may concern:

Your statewide permit number 83-615R, for small wastewater facilities has expired. If you intend to construct such facilities it will be necessary to renew your permit. Construction of facilities without the required permit is a violation of W. S. 35-11-301 (a) (iii).

Sincerely yours,

A handwritten signature in cursive script that reads "Lawrence Robinson".

Lawrence Robinson  
Engineering Supervisor

LR/nc



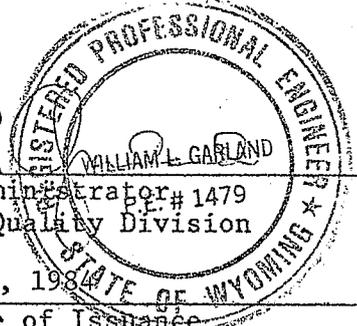
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

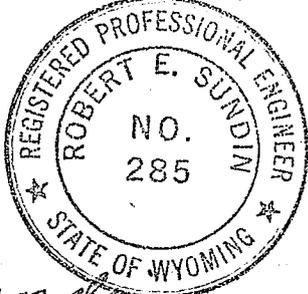
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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:

  
  
Administrator # 1479  
Water Quality Division  
January 3, 1984  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

\* CONDITIONS OF PERMIT \*

1. The permittee shall notify the appropriate DEQ/WQD office before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

JB:mpm

cc: Edward W. McIlany  
McIlany-Adams  
2305 Oxford Lane  
Casper, WY 82604



*Department of Environmental Quality*  
*Water Quality Division*

165 EAST RAILROAD AVENUE

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-6911

December 22, 1983

Edward W. McIlnay  
McIlnay-Adams Co., Inc.  
2305 Oxford Lane  
Casper, WY 82601

Re: McIlnay-Adams Statewide Permit No. 83-615R

Dear Mr. McIlnay:

The purpose of this letter is to inform you that the above referenced Statewide permit has been approved by this department. The permit form has been sent to our Cheyenne office for signatures. You should have the actual "Permit to Construct" in hand in about three weeks.

The permit is being issued with the following condition:

1. The permittee shall notify the appropriate DEQ/WQD office before any system is installed. Upon abandoning the site, the system shall be salvaged and the appropriate DEQ/WQD office notified.

Attached please find a form which may be used for notification. If you have any questions, please feel free to contact me.

Sincerely,

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

Jack Bedessem  
Area III Supervisor

JB:mpm

cc: Cheyenne DEQ/WQD  
File (5)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-616R

Block 3 Fee's Second Addition  
(Name of Facility)

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

Clarence Gapp

321 Allen Street

Ft. Collins, CO 80525

to construct, install, or modify a municipal water distribution and sewer collection extension facility according to the procedures and conditions of the application No. 83-616R. The facility is located in Section 32, 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: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

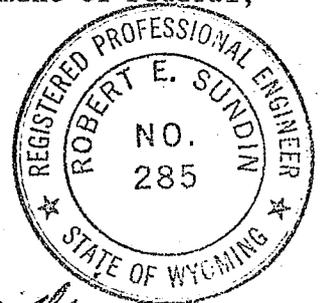
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrative # 1479  
Water Quality Division  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF WYOMING  
January 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: Lonnie Lanners  
Alpha Engineering Inc.  
21 N. Main #3  
Sheridan, WY 82801

Review of Plans and Specifications

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

PROJECT: Block 3 Fee's 2nd Addition, Albany Co.

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

APPLICANT: Clarence J. Gapp  
312 Allen St., Ft. Collins, CO 80525

WATER QUALITY DIVISION REFERENCE NUMBER: 83-616

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

DATE OF REVIEW: October 26, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The specifications that were submitted were inadequate. Some of the items not covered were leakage testing, alignment testing, disinfection, service connections, type of valves, flushing, etc. I suggest that a standard specification be included such as the Wyoming Public Works Standard Specification and modify it to meet your specific application.



THE STATE OF WYOMING

8-28  
Albany

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

August 26, 1985

William M. Faulkner  
Gail K. Faulkner  
1520 Connor Ave.  
Laramie, WY 82070

Dear Mr. and Ms. Faulkner:

On July 16, 1985, a status letter was sent to you concerning a permit to construct, reference number 83-617, facility name Conners Avenue. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

A handwritten signature in cursive script that reads "Thomas S. Norman".

Thomas S. Norman  
Water Quality Engineer

TSN/nc

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

Jim Nelson  
City Engineer  
P.O. Box "C"  
Laramie, WY 82070

8-28



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

August 26, 1985

John F. Johnson  
P.O. Box 524  
Laramie, WY 82070

Dear Mr. Johnson:

On July 16, 1985, a status letter was sent to you concerning a permit to construct, reference number 83-617, facility name Connors Avenue. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

Thomas S. Norman  
Water Quality Engineer

TSN/nc

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

Jim Nelson  
City Engineer  
P.O. Box "C"  
Laramie, WY 82070



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

August 26, 1985

Carole Hughes  
P.O. Box 877  
Laramie, WY 82070

Dear Mr. Hughes:

On July 16, 1985, a status letter was sent to you concerning a permit to construct, reference number 83-617, facility name Connors Avenue. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

Thomas S. Norman  
Water Quality Engineer

TSN/nc

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

Jim Nelson  
City Engineer  
P.O. Box "C"  
Laramie, WY 82070



THE STATE OF WYOMING

7-17  
ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 16, 1985

William M. Faulkner and  
Gail K. Faulkner  
1520 Conner Ave.  
Laramie, WY 82070

Dear Mr. and Ms. Faulkner:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	January 1, 1985

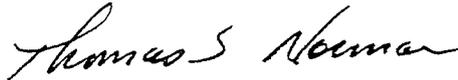
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide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

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

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

Sincerely,



Thomas S. Norman  
Water Quality Engineer  
Water Quality Division

TSN/nc

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



717

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 16, 1985

Carole Hughes  
P.O. Box 877  
Laramie, WY 82070

Dear Mr. Hughes:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	January 1, 1985

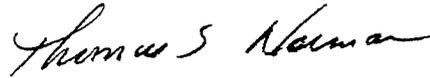
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide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

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

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

Sincerely,



Thomas S. Norman  
Water Quality Engineer  
Water Quality Division

TSN/nc

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



717

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 16, 1985

John F. Johnson  
P.O. Box 524  
Laramie, WY 82070

Dear Mr. Johnson:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	January 1, 1985

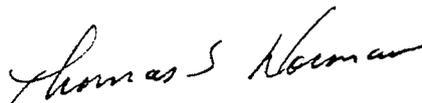
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide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

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

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

Sincerely,



Thomas S. Norman  
Water Quality Engineer  
Water Quality Division

TSN/nc

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

ED HERSCHLER  
GOVERNOR

Department of Environmental Quality  
Water Quality Division

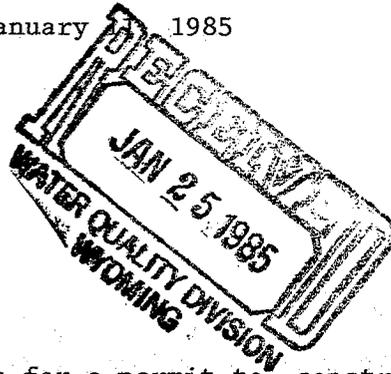
HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 1985

William M. Faulkner and  
Gail K. Faulkner  
1520 Conner Ave.  
Laramie, WY 82070



Dear Mr. and Ms. Faulkner:

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

Facility name:	Connors Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks We are holding off on this temporarily.

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

Sincerely,



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

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

1-11-85



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 11, 1985

John F. Johnson  
P.O. Box 524  
Laramie, WY 82070

Dear Mr. Johnson:

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

Facility name:	Connors Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



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

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

1-14-85



ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 11, 1985

William M. Faulkner and  
Gail K. Faulkner  
1520 Conner Ave.  
Laramie, WY 82070

Dear Mr. and Ms. Faulkner:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



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

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

1-14-85



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 11, 1985

Carole Hughes  
P.O. Box 877  
Laramie, WY 82070

Dear Mr. Hughes:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



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

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

2-7-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1984

John F. Johnson  
P.O. Box 524  
Laramie, WY 82070

Dear Mr. Johnson:

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

Facility name:	Connors Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



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

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

2-7-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1984

William M. Faulkner and  
Gail K. Faulkner  
1520 Conner Ave.  
Laramie, WY 82070

Dear Mr. and Ms. Faulkner:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,



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

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

2-7-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

# Department of Environmental Quality

## Water Quality Division

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

February 6, 1984

Carole Hughes  
P.O. Box 877  
Laramie, WY 82070

Dear Mr. Hughes:

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

Facility name:	Conners Ave., City of Laramie
DEQ/WQD Reference Number:	83-617
Engineering Consultant:	Lonnie Lanners, Alpha Eng.
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	October 26, 1983

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

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

The application will be resubmitted within 30 days.

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

Other remarks \_\_\_\_\_

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

Sincerely,

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

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



PERMIT TO CONSTRUCT

Permit No. 83-618  
SEE SPECIAL CONDITIONS

- New
- Renewal
- Modified

NPW & SD to Westshore Village Connection  
(Name of Facility)

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

Casper Board of Public Utilities

200 N. David Street

Casper, WY 82601

to construct, install, or modify a potable water main facility according to the procedures and conditions of the application No. 83-618. The facility is located in Section 4, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

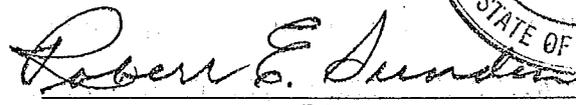
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

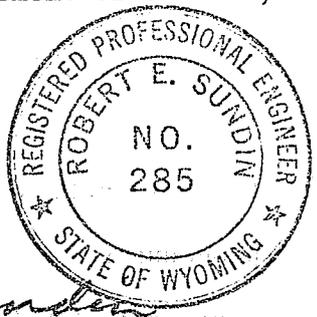
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
October 25, 1998  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

Conditions to Permit to Construct

1. An air release shall be installed at all high points in the water main.
2. A minimum separation of 10 feet shall be maintained between the water main and existing sewer main.

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



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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 L. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING  
REGISTERED PROFESSIONAL ENGINEER

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

March 14, 1984  
Date of Issuance

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

EB:dcn

cc: Nuclear Regulatory Commission  
DEQ/Land Quality Division  
Toni Mancini, DEQ/WQD Cheyenne

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Union Carbide Corporation  
Buried Pipeline for A-9 Seepage Collection System

ENGINEER: George Hoffman  
Hydro Engineering  
770 East Magnolia  
Casper, WY 82604

OWNER: Union Carbide Corporation  
P. O. Box 5100, Gas Hills Station  
Riverton, WY 82501  
Attention: Mr. P. J. Lyons

WATER QUALITY DIVISION REFERENCE NUMBER: #83-619

REVIEWING ENGINEER: Ed Baruth; Kate Lauden

DATE OF REVIEW: December 7, 1983

ACTION: Not authorized.

COMMENTS:

1. Your application is in reasonably good shape. Prior to our issuing a permit to construct, we will need complete construction specifications. Specifically include:
  - a. backfill specifications and verify that your specification will be sufficient to protect the installation from any heavy traffic;
  - b. pressure and leakage testing specifications for the pipeline.

EB:dcn

cc: NRC, Denver  
John Erickson, DEQ/LQD Lander

AC



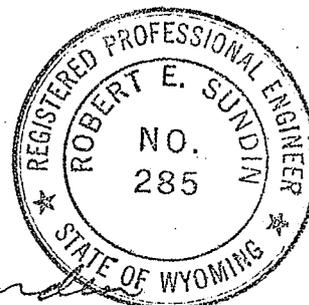
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

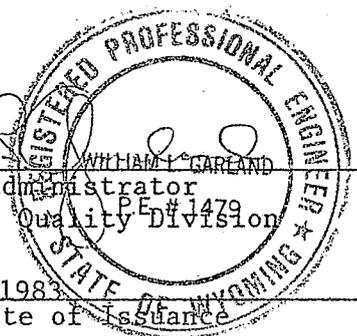
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



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

*William Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
PE # 1479  
December 20, 1983  
\_\_\_\_\_  
Date of Issuance



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

\* CONDITION ON PERMIT \*

This permit is issued with the requirement that a 400 foot separation distance between manholes be maintained. As built showing final manhole locations must also be submitted to this office within thirty (30) calendar days following installation of said utilities.

MS:dcn

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Cottonwood Park (Jorgensen Inc. 82137)

ENGINEER: Jorgensen Engineering and Land Surveying Inc.  
P. O. Box 1142  
Jackson, WY 83001

OWNER: Oliver & Associates Incorporated  
P. O. Box 92  
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: #83-620

REVIEWING EVALUATOR: Ed Baruth *Ed*

DATE OF REVIEW: November 16, 1983

NOTATION: Not authorized.

COMMENTS:

1. Please forward Town of Jackson verification of sufficient sewage treatment and water supply capacities. Teton County and Town of Jackson confirmation of planned future units that you have indicated, is also requested to firm up main line sizings.
2. Please verify (if the Town of Jackson is so inclined) that the manhole spacings of 472', 460' and another 460' are acceptable when Jackson's available maintenance equipment is considered.
3. Will water and sewer service lines be difficult to fit in, especially in vicinity of MH #17?

EB:dcn

*Ac*

11-4-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-621  
SEE SPECIAL CONDITIONS

Z & S Construction Co. Office  
(Name of Facility)

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

Z & S Construction Company

P.O. Box 310

Kimball, NE 69145

to construct, install, or modify a subsurface sewage disposal facility according to the procedures and conditions of the application No. 83-621. The facility is located in Section 25, T16N, R65W 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.

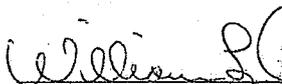
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:

  
WILLIAM J. GARLAND  
Administrator # 1479  
Water Quality Division  
October 28, 1983  
Date of Issuance



  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

Conditions to Permit to Construct

1. A four foot diameter manhole shall be provided at the juncture of the sewer pipes ahead of the septic tank in accordance with the Wyoming Public Works Standard Specifications.
2. Clean-outs shall be provided in the service pipes at the buildings and at the Y-connection of the mobile home service pipes.
3. The permittee shall notify representatives of the Laramie County Environmental Health of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Don Pack, Laramie Co. Environmental Health, 1710 Snyder Ave., Cheyenne, WY 82001  
Phone number: (307) 638-8545

cc: D.M. Hopkins, D.M. Hopkins & Assoc., 216 E. 17th St., Cheyenne, WY 82001



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

April 19, 1984

Brandy Chase Limited Partnership  
P. O. Box 2722  
Jackson, Wyoming 83001

Attention: Robert L. Farnsworth

RE: Brandy Chase Apartments  
Permit Application #83-622R

Gentlemen:

As discussed in the past, the utility improvements to the Brandy Chase Apartments were completed before an actual "Permit to Construct" could be issued. We, therefore, cannot issue a "Permit to Construct" after the fact. However, we will treat your application as "As Built" plans and approve the system since it does meet this Department's construction standards.

As a general reminder, construction of the utilities referenced, without a "Permit to Construct", is a violation of Section 35-11-301 of the amended Wyoming Environmental Quality Act. However, your early notification to this office of your need to install the utilities has been appreciated.

Concerning the different directions the Town of Jackson and the Department of Environmental Quality have taken on taps into existing sewers, we will re-review our requirements.

Very truly yours,

A handwritten signature in dark ink, appearing to be "Ed Baruth".

Ed Baruth, P.E.  
Northwest District Supervisor

EB:dcn  
cc: Jake Strohman, DEQ/WQD Cheyenne  
File

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: BrandyCHASE Apartments

ENGINEER: Robert L. Farnsworth  
P. O. Box 2722  
Jackson, WY 83001

OWNER: BrandyCHASE Limited Partnership  
P. O. Box 2722  
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: #83-622

REVIEWING EVALUATOR: Ed Baruth *Ed*

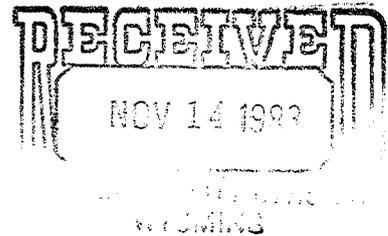
DATE OF REVIEW: November 8, 1983

NOTATION: Not authorized.

COMMENTS:

1. This department considers the sewer service from a multifamily housing unit to fall within the requirement of a sewer lateral. That is the proposed 6" sewer service-lateral will need to meet the 8" sewer main at a manhole. (It does appear that both service-laterals are close to existing manholes.)
2. Please provide written confirmation from the Town of Jackson that they have capacity to provide water (including fire flow) and sewer service to the BrandyCHASE Apartments.

EB:dcn



# NELSON ENGINEERING

CONSULTING ENGINEERS, SURVEYORS & PLANNERS

REGISTERED  
Wyoming Utah Montana  
Colorado Idaho

POST OFFICE BOX 1599 JACKSON, WYOMING 83001 307-733-2087

April 25, 1986

RECEIVED  
APR 28 1986  
WATER QUALITY DIVISION  
WYOMING

FJG/ip  
81-215-5

Department of Environmental Quality  
State of Wyoming  
Water Quality Division  
210 Lincoln Street  
Lander, WY 82520

ATTN: Jeff Hermansky

83-623

RE: The Ridge Addition to the Town of Jackson, Sec. 34, T41N, R116W

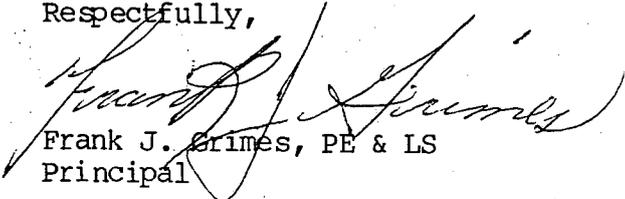
Dear Jeff:

In 1983, on behalf of a client, Nelson Engineering (NE) submitted an application for, and secured a Permit to Construct for Water Distribution and Sewage Collection System(s) for the referenced housing subdivision.

As a consequence of subsequent legal action, Teton County Civil Action No. 6052, NE is no longer associated with the project. Additionally, NE has been released from any liability arising from claims, now or future, as a consequence of its employees work on the project.

This letter is to advise you of NE's legal position, and ask that you duly note it in your records, and remove our name as the engineer of record from your files.

Respectfully,

  
Frank J. Grimes, PE & LS  
Principal

FJG/ip



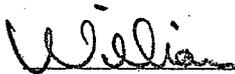
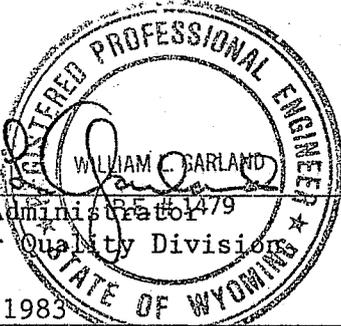
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

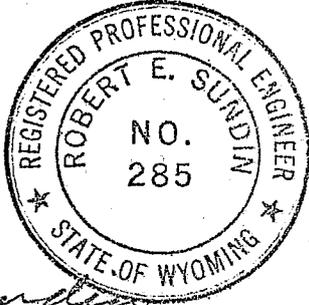
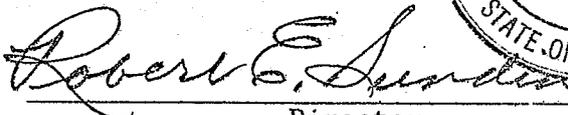
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 C. GARLAND  
Administrator  
Water Quality Division  
STATE OF WYOMING

November 16, 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

EB:dcn

10-1-87



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

September 28, 1984

Tex Newton  
156 Kiowa Street  
Laramie, WY 82070

RE: Septic Tank/Soil Absorption System, Application No. 83-624RR

Dear Mr. Newton:

On September 21, 1984, I sent you an as built approval letter for your above referenced system. I inadvertently left out a condition of that approval. It is as follows:

The intent of the construction authorized by this letter is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The Laramie Step I Wastewater Facility Plan requires that treatment be provided through a regional system. The facilities authorized by this letter will be operated until August 1, 1987 or until services are available through the approved regional system, whichever is sooner. These facilities will then be abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan, unless the City of Laramie and Albany County jointly authorize an additional three year extension.

Sincerely,

William L. Garland  
Administrator

WLG/TSN/nc  
Enclosures

cc: Cary Alburn III, 410 Grand Ave., Suite 205, Banner Bldg., Laramie, WY 82070  
Tom Curren, Albany Co. Planning Office, 405 Grand Ave., Laramie, WY 82070  
Don Lamb, Associated Engineers, 609 S. 2nd St., Laramie WY 82070

9-21-84



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

September 21, 1984

Tex Newton  
156 Kiowa St.  
Laramie, WY 82002

RE: Septic Tank/Soil Absorption System, Application No. 83-624RR

Dear Mr. Newton:

The Department of Environmental Quality, Water Quality Division has reviewed your application (#83-624RR) for a permit to construct a septic tank/soil absorption system for your trailers located in a tract of the E1/2, Section 17, T15N, R73W, Albany Co. The Water Quality Division has determined that the system meets the minimum design standards except for the minimum separation distance from the soil absorption system to the well. However, based on (1) that there is a horizontal confining clay layer between the absorption system and the well and (2) that the well was adequately constructed and sealed, the Department feels there is little threat to groundwater and the system can be accepted as constructed.

The Department recommends that the owner regularly monitor the well for coliform and nitrate contaminants to be assured of its potability.

Since a permit to construct cannot be issued for facilities that are already constructed, this letter will serve as authorization for your system.

Sincerely,

William L. Garland  
Administrator

WLG/TSN/nc

cc: Cary Alburn III, 410 Grand Ave., Suite 205, Banner Bldg., Laramie, WY 82070  
Tom Curren, Albany Co. Planning Office, 405 Grand Ave., Laramie, WY 82070  
Don Lamb, Associated Engineers, 609 S. 2nd St., Laramie, WY 82070

7-24-84

Review of Plans and Specifications

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

PROJECT: Tex Newton, Albany Co.

ARCHITECT OR ENGINEER: Don Lamb, Associated Engineers  
609 South 2nd St., Laramie, WY 82070

APPLICANT: Tex J. Newton  
156 Kiowa Street, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 83-624R

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

DATE OF REVIEW: July 23, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The separation distance between the drainfield and the well does not meet the minimum separation of 100 feet. Please provide information on the well that might allow a lesser separation distance (i.e. well completion data, depth, confining strata).
2. I have assumed the width of the five trenches to be 18 inches. The minimum drainfield area is based on the bottom area of the trenches. If the trenches are at least 18 inches wide, adequate area is provided.
3. The applicant still has not applied for or received an exception to the Laramie 201 Wastewater Plan. Please contact the County Planning Office for assistance.
4. You are reminded that a formal violation has been issued against you. A prompt response is to your advantage.



83-624

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

January 12, 1984

CERTIFIED

Tex Newton  
156 Kiowa Street  
Laramie, Wyoming 82070

Re: Construction of Wastewater  
Facilities

Dear Mr. Newton:

On March 2, 1983, a letter of violation was issued to you concerning the unauthorized construction of wastewater facilities at your residence south of Laramie. On October 26, 1983, an application (#83-624) for a permit to construct was received by this department. On November 1, 1983, the department responded that the application package was inadequate and the facility was not authorized for construction.

Over two months has passed since the last correspondence. Failure to progress towards a solution to the violation is not in your best interest. A statute of limitations requires that legal action be taken within a year of the discovery of the violation. Therefore if this violation is not finalized and resolved by March 2, the department will refer this matter to the Attorney General's office for enforcement in order to protect the State's interests.

Sincerely,

*Thomas S. Norman*  
Thomas S. Norman  
Water Quality Engineer

TSN/kb

cc: Tom Curren, Albany County Planning  
LeRoy Feusner  
Don Lamb, Associated Engineers, Laramie

Review of Plans and Specifications

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

PROJECT: Newton's Place, Albany Co.

ARCHITECT OR ENGINEER: Don Lamb, Associated Engineers  
609 So. 2nd St., Laramie, WY 82070

APPLICANT: Tex J. Newton  
156 Kiowa St., Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 83-624

REVIEWING ENGINEER: Thomas S. Norman *TBN*

DATE OF REVIEW: November 1, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Since your residence is located within the City of Laramie 201 Wastewater Planning Area, the City of Laramie and Albany County has requested that you contact them concerning connection to the regional sewer system. A letter from the City/County is necessary stating whether or not your connection is required at this time. If the City/County states that your connection to the central system is not necessary at this time, then resubmit this information to this office for further review of your application.
2. The plans were not signed or sealed by a Wyoming registered professional engineer. Two copies are required.
3. The septic tank and drain field system must be sized according to the number of bedrooms in each of the mobile homes and not according to current occupants. Please specify the number of total bedrooms and size accordingly.
4. More information must be obtained on the septic tank. Our department has to be assured that the tank meets the minimum requirements of Appendix B of Chapter III (enclosed). The engineer should verify this.
5. More information must be obtained on the drain field and that it also meets the minimum requirements of Appendix B. Also the minimum absorption area is that beneath the drain rock and not that of the entire system or that area between the trenches. The effective area is the total lineal footage times the width of the trench.
6. The locations of on-site and neighboring wells were not shown or separation distances provided.
7. Sewer lines require cleanouts at changes in direction and at 100 foot intervals.
8. I drove by the site on October 13, 1983 and noticed considerable debris and a trailer in the area of the drain field. These should be removed as they are detrimental to the system.

11-7-83  
83-624



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

1111 EAST LINCOLNWAY

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 1, 1983

Rick Headlee  
Laramie City/Albany County Planner  
405 Grand Avenue  
Laramie, WY 82070

RE: Albany County Wastewater Application

Dear Rick:

The following applicant has applied to DEQ/WQD for an on-site wastewater facility that is located within the Laramie 201 service area boundary. Per the City/County IGA, we are requesting the City's and County's decision regarding whether the applicant should connect to the central wastewater facility at this time. If not, is the exception temporary or permanent?

Name: Tex Newton, 156 Kiowa St., Laramie  
Location: E1/2 Section 17, T15N, R73W  
Type: 2 mobile homes on single system

Please contact us if you have any questions or if we can be of assistance.

Sincerely,

Thomas S. Norman  
Water Quality Engineer

TSN/nc



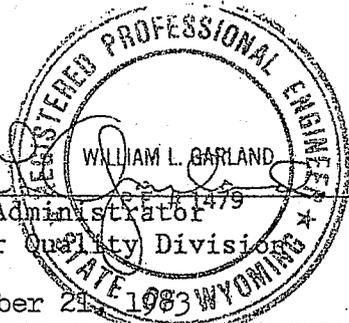
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

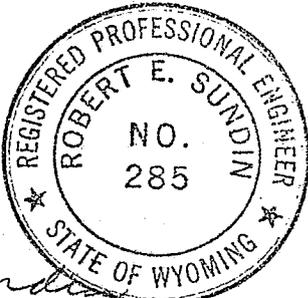
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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*  
\_\_\_\_\_  
William L. Garland  
Administrator  
Water Quality Division  
November 21, 1983  
Date of Issuance

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

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

\* CONDITIONS OF PERMIT \*

1. The permittee shall notify representatives of the Uinta County Planning Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the facility is required upon completion. The authorized representative in your area, can be reached at the following address:

William Cates  
Uinta County Sanitarian  
P. O. Box 895  
Evanston, WY 82930  
(307-789-9387)

2. 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 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.

JB:mpm

cc: Kevin D. Jones  
Carlton, Carlton & Assoc.  
748 Lombard St.  
Evanston, WY 82930



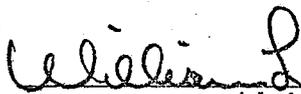
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 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.

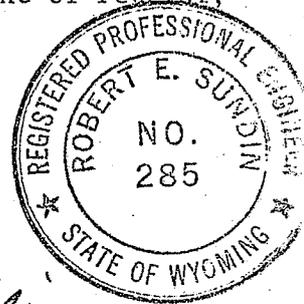
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

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

November 18, 1983  
Date of Issuance

  
Director  
Dept. of Environmental Quality



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

xc: Steven Anderson  
Kiewit Mining & Engineering  
2266 N. Main Street  
Sheridan, WY 82801

Water Quality Division  
Groundwater Section  
Permit Application Review

*Noama  
Returned to  
Shendler*

Application Number

83 - 626

Date Submitted For Review

10/28/83

Name and Location of Facility

Big Horn Coal Co

Big Horn Scale House Reservoir

Sec 21, T57N R84W

Shendan County

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

No Comment. The submittal is consistent with current ground-water protection procedures and requirements.

Comments attached.

Signed

*Richard Gunnop*

Title

*Eng. Eval*

Date

*11/1/83*

Approved

*11/1/83*

(Date)

*AM*

(Signed)

Groundwater Control Supervisor



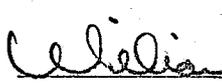
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

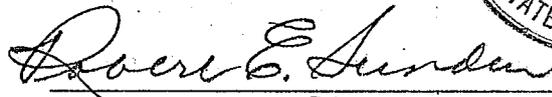
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

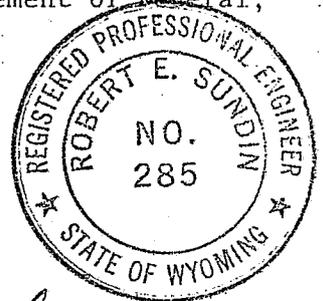
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 A. CARLAND  
Administrator  
Water Quality Division  
E# 1479  
November 18, 1988  
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: Steven Anderson  
Kiewit Mining & Engineering  
2266 N. Main Street  
Sheridan, WY 82801

Water Quality Division  
Groundwater Section  
Permit Application Review

*Norma*  
*Returned*  
*to*  
*Sheridan*

Application Number 83-627

Date Submitted For Review 10/28/83

Name and Location of Facility Big Horn Coal Co.  
Big Horn Aes No. 9-1  
Sec. 21 T 57N R 84W  
Sheridan County

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

- No Comment. The submittal is consistent with current ground-water protection procedures and requirements.
- Comments attached.

Signed Richard Leonard  
Title Eng. Eval  
Date 11/1/83

Approved 11/1/83  
(Date)

[Signature]  
(Signed)  
Groundwater Control Supervisor

12-9-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-628

12" MAIN ON UPLAND WAY, PHASE I  
(Name of Facility)

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

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

to construct, install, or modify a construct approximately 1400' of 12" water  
main and 160' of 8" water main on Upland Way to provide water service to  
Western-Wyoming College. facility according to the procedures and conditions of the  
 application No. 83-628. The facility is located in   
Sec. 34, T18N, R107W

in the County of SWEETWATER,

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

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

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

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

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

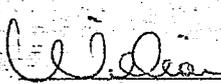
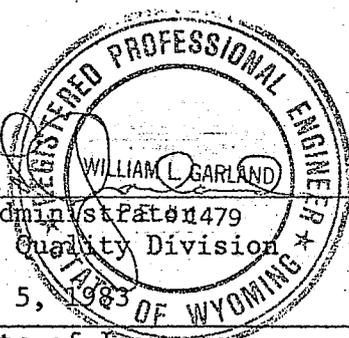
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

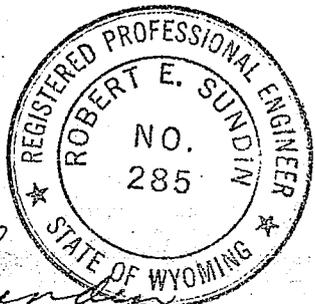
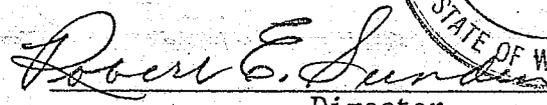
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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:

  
  
Administ. Pat. #1479  
Water Quality Division  
December 5, 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

JB:mpm

cc: Stanley A. deSousa  
Pacific Power & Light Co.  
920 S. W. Sixth Avenue  
Portland, OR 97204

11-18-83

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-629\*  
 Reference No. 83-288  
 \*SEE CONDITION ON BACK

GILLETTE DAIRY - SHERIDAN AGRI CENTER  
 (Name of Facility)

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

Sheridan Agri Center  
c/o Mr. Brad Waters  
P.O. Box 6264  
Sheridan, Wyoming 82801

to construct, install, or modify temporary septic systems to serve  
two small commercial buildings

facility according to the procedures and conditions of the  
application No. 83-629. The facility is located in Sec. 35, T.56N., R.84W.

in the County of Sheridan,  
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

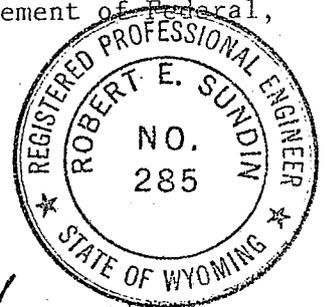
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

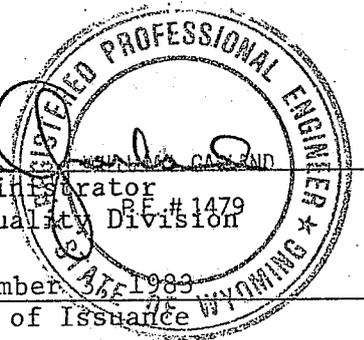
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

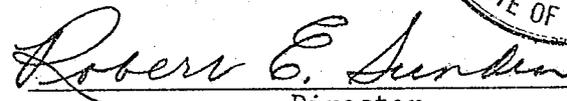
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



  
Administrator  
Water Quality Division  
RE #1479  
November 1983  
Date of Issuance

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

  
Director  
Dept. of Environmental Quality

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

#### CONDITIONS

1. The septic systems authorized by this Permit shall be removed or abandoned within two (2) years of the date of this permit, in accordance with the Temporary Sewage Agreement entered into between the Sheridan Commercial Park and the City of Sheridan, dated September 22, 1983, and attached hereto.
2. The permittee shall notify the Sheridan County Engineer's office of the construction, and shall obtain an inspection of the construction by that office, prior to backfilling of the system.

xc: Sheridan County Engineer's Office  
224 South Main  
Sheridan, WY 82801

Elmer Kuball, Alpha Engineering  
21 North Main, #3  
Sheridan, WY 82801



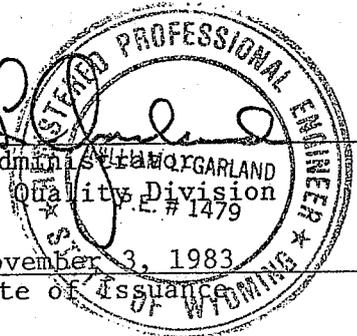
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

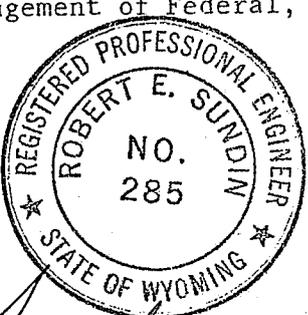
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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 P. Stead  
ADMINISTRATOR  
Water Quality Division  
E. # 1479  
November 3, 1983  
Date of Issuance  


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


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

CONDITIONS

1. The septic system authorized by this Permit shall be removed or abandoned within two (2) years of the date of this permit, in accordance with the Temporary Sewage Agreement entered into between the Sheridan Commercial Park and the City of Sheridan, dated September 22, 1983, and attached hereto.
2. The permittee shall notify the Sheridan County Engineer's office of the construction, and shall obtain an inspection of the construction by that office, prior to backfilling of the system.

xc: Sheridan County Engineer's Office  
224 South Main  
Sheridan, WY 82801  
  
Elmer Kuball, Alpha Engineering  
21 North Main, #3  
Sheridan, WY 82801



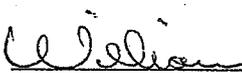
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

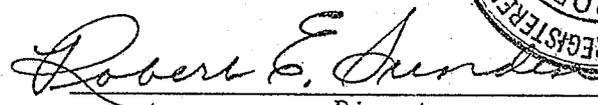
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State 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 L. GARLAND  
Administrative 1479  
Water Quality Division  
STATE OF WYOMING  
November 18, 1983  
Date of Issuance

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

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

JH:dcn



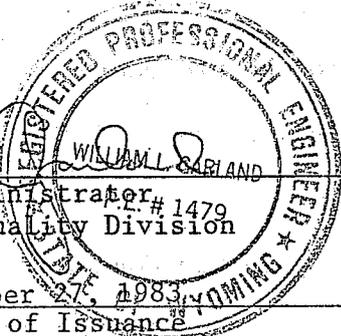
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

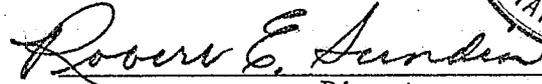
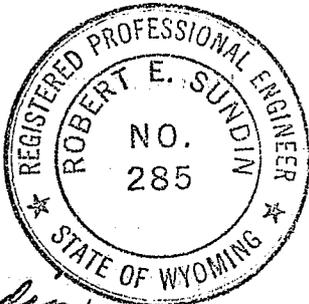
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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  
October 27, 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

CONDITION

No coal mine pit water or process water shall be introduced into this pond until such time as the Belle Ayr Mine discharge permit (NPDES No. WY-0003514) has been appropriately modified.



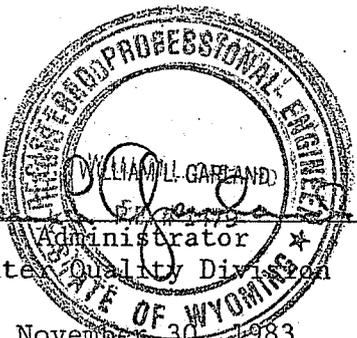
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

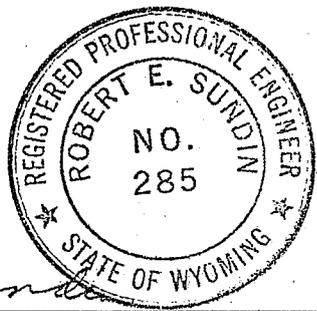
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
*William L. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
STATE OF WYOMING  
November 30, 1983  
Date of Issuance

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

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

CONDITIONS

1. When a City sewer line becomes available (within 250 linear feet of the intersection of Limestone Avenue and Warlow Drive, as measured from the mid-point of the intersection), then the owner/owners must connect onto the City of Gillette's central sewer system by either a gravity flow system or by utilizing a lift station.
2. The permittee shall notify the Campbell County Engineer's Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Mr. Bill Flaherty  
Campbell County Engineer's Office  
500 South Gillette Avenue  
Gillette, Wyoming 82716

xc: Haug Engineering & Surveying  
P.O. Box 2848  
Gillette, WY 82716

Campbell County Engineer's Office, w/plans



*Department of Environmental Quality*  
*Water Quality Division*

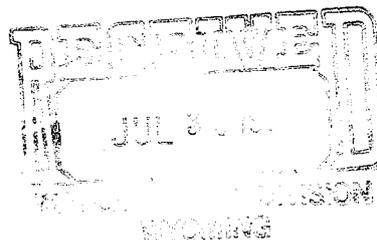
210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

July 25, 1984

Mr. Jon S. Wierks  
16335 Niantic Circle  
Huntington Beach, CA 92644



RE: Trails End Dude Ranch  
Application No. 83-635R  
Reference No. 84-333

Dear Mr. Wierks:

This letter is intended to notify you that your application number 83-635R, the "as built" plans of the on-site wastewater disposal facilities constructed to serve the guest cabins at Trails End, has been removed from consideration for authorization.

The leach fields that were constructed without a permit do not meet minimum standards and, therefore, have to be replaced. The leach bed designs submitted by Nelson Engineering and intended to replace the existing fields, meet the minimum standards. Therefore, a permit to construct, 84-333, is being issued for the replacement beds. These beds must be constructed as shown on the plans.

For future reference, any wastewater treatment, disposal or collection facility must be permitted through this office prior to the start of construction.

Feel free to contact either Ed Baruth or me if you have any questions.

Respectfully,

*Jeff Hermansky*  
Jeff Hermansky  
Water Quality Evaluator

JH:dcn

xc: Roger Parrott, Manager  
Jake Strohman, DEQ/WQD Cheyenne ✓  
Joe Chalfant, Teton County Sanitarian  
Plans #83-635R



*Department of Environmental Quality*  
*Water Quality Division*

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

May 23, 1984

Trails End Dude Ranch  
P. O. Box 20311  
Jackson, WY 83001

Attention: Roger Parrott, General Manager

RE: Permit Application #83-635R

Dear Roger:

Thank you for submitting the information addressing my November 18, 1983 review of the "as built" construction at the Trails End Dude Ranch.

There are a few areas that need some further discussion before we can authorize the as built construction. Taking the same order as my review letter and your response:

1. This office has not received an application form. It was not submitted to us by Jorgenson Engineering. As before, please complete the enclosed application form, writing "as built" where the applicant normally signs the form.
2. The information that Jorgensen Engineering submitted to this office, along with the as built plan, shows that the leach pipes are bedded in crushed gravel or crushed gravel and sand. In your letter, you state that J. B. Mechanical has assured you that the material meets the requirements of the Department of Environmental Quality and has a minimum size of  $\frac{1}{2}$  inch. Now we are faced with the question of who is correct.

It looks as though a representative of this office or Joe Chalfant, the Teton County Sanitarium, will need to visit the site to verify the material installed.

3. Again, as in item No. 2, we have a discrepancy that will need to be confirmed by this office or Joe Chalfant.
4. Please determine the depth of groundwater in the area of the leach fields.

ABC

rails End Dude Ranch

May 23, 1984

Page Two

5. The percolation test results must be certified by a Professional Engineer. I doubt that an engineer would sign his name to someone else's work so I would contact your engineer to see about having the tests run.

6. Your response satisfies our requirements.

7. The septic tanks installed appear to meet the minimum requirements except that I have no way of knowing if the baffle tees were installed to meet the regulations.

How far into the liquid do the baffle tees extend?

Only after the results of the percolation tests have been submitted can we determine if the leach beds are large enough to meet the minimum standards.

Please contact us after receiving this letter so we can arrange for a visit to the site.

Respectfully,



Jeff Hermansky  
Water Quality Evaluator  
Northwest District

JH:dcn

Enclosure

xc: Joe Chalfant  
Robert Ablondi, Jorgenson Engineering  
Plans #83-635R  
Jon Wierks

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

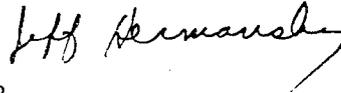
PROJECT: Trails End Dude Ranch

ENGINEER: Robert Ablondi  
Jorgensen Engineers & Land Surveying  
P. O. Box 1142  
Jackson, WY 83001

OWNER: Mr. Jon S. Wierks  
16335 Niantic Circle  
Huntington Beach, CA 92644

WATER QUALITY DIVISION REFERENCE NUMBER: #83-635

REVIEWING EVALUATOR: Jeff Hermansky



DATE OF REVIEW: November 18, 1983

**TION: Not authorized.**

COMMENTS: The following questions and comments need to be addressed before authorization of the "as built" construction can be considered:

1. An Application form (enclosed) must be completed and submitted. Write "as built" where the applicant normally signs the form.
2. Your test borings show the leach pipes to be bedded in crushed gravel and sand. Leach gravel must be washed gravel with a minimum size of  $\frac{1}{2}$  inch.
3. How much gravel is over the leach pipes? The detail and borings show the gravel extending only to the top of the leach pipes.
4. Estimated depths to seasonal high groundwater may be useful during preliminary studies of a site, but are not satisfactory to base the design of a wastewater disposal facility. Therefore, a test pit or boring must be dug to determine the actual depth to groundwater in the vicinity of the leach beds.
5. Percolation rates used for a design submitted for authorization must be actual rates determined for the specific site--not an estimated rate based upon soil type.

It is necessary to run a minimum of three percolation tests next to each of the disposal sites. The disposal area required should then be based upon the slowest of the three tests. An alternative would be to run six percolation tests at each site and use the average rate to size the absorption area.

Review of Plans and Specifications

Trails End Dude Ranch #83-635

November 18, 1983

Page Two

Be sure to run the percolation tests close enough to the existing disposal beds so that the results reflect the soils under the beds, but not so close as to be effected by any wastewater that may be percolating out of the beds.

6. The Plan Sheet indicates that the leach beds could be in areas used for driving or parking. How are the beds and the fiberglass septic tank being protected from traffic?

7. What "brand" of septic tanks have been installed? You need to verify that the tanks meet minimum standards.

Please feel free to contact me if you have any questions.

JH:dcn

cc: Joe Chalfant

3-28-84

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-636RR

McCue Addition  
(Name of Facility)

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

Bunn & Clark

P.O. Box 1010

Laramie, WY 82070

to construct, install, or modify a municipal water distribution and wastewater collection facility according to the procedures and conditions of the application No. 83-636RR. 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.

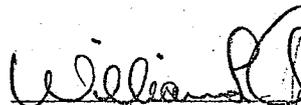
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

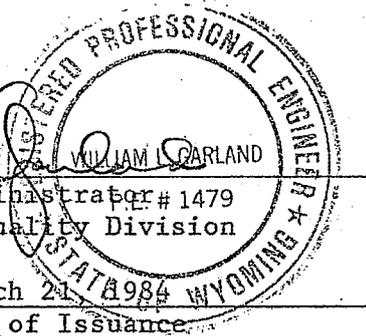
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

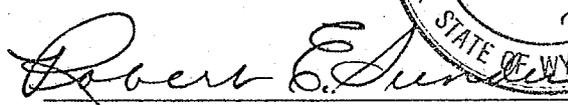
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

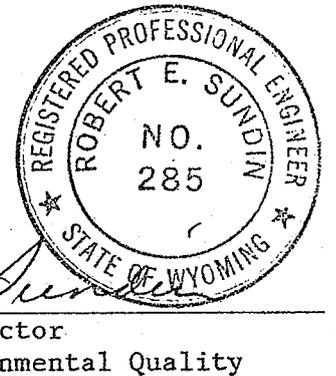
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM J. GARLAND  
Administrator # 1479  
Water Quality Division  
March 21, 1984  
Date of Issuance



  
Director  
Dept. of Environmental Quality



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

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

1-11-84

Review of Plans and Specifications

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

PROJECT: McCue Addition, Albany Co.

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

APPLICANT: Bunn & Clark  
P. O. Box 1010, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 83-636R

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

DATE OF REVIEW: January 10, 1984

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Items #3 and #4 on the November 8, 1983 review were not addressed in the last submittal. They are repeated here for your convenience.

- 3. Please provide an overall plan of the project with the streets being labeled so that a better understanding can be made of the project.
- 4. A blowoff is required at the dead-end of the water main on Baker Street.

Review of Plans and Specifications

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

PROJECT: McCue Addition

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

APPLICANT: Bunn & Clark  
P. O. Box 1010, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 83-636

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

DATE OF REVIEW: November 8, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The Wyoming Public Works Standard Specifications do not address all items and some items need to be identified on the plans or in the special provisions. Attached is a guide which identifies those areas that the engineer must address.
2. The plans were not signed by a Wyoming registered professional engineer.
3. Please provide an overall plan of the project with the streets being labeled so that a better understanding can be made of the project.
4. A blowoff is required at the dead-end of the water main on Baker Street.



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 25, 1985

Scott Palmer  
Arch Mineral Corp., Seminoe Mine #1  
P.O. Box 490  
Hanna, WY 82327

Dear Mr. Palmer:

On July 16, 1985, a status letter was sent to you concerning a permit to construct, reference number 83-637, facility name Arch Mineral, Seminoe #2, Sumps 4-1, 4-2, 4-3, 10-1. The application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process.

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

Sincerely,

A handwritten signature in cursive script that reads "William L. Garland".

William L. Garland  
Administrator

WLG/TN/nc

cc: Robert Shanks  
Arch Mineral Corp.  
500 North Broadway  
St. Louis, MO 63102



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

Department of Environmental Quality  
Water Quality Division

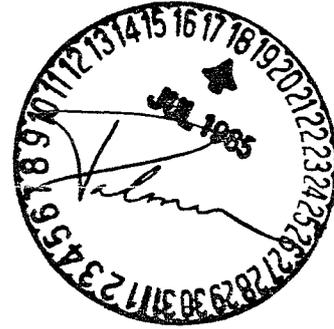
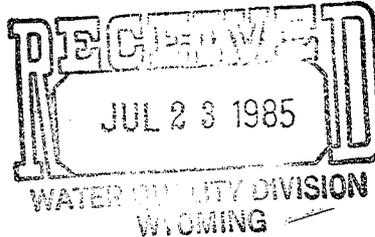
HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

July 16, 1985

Scott Palmer  
Arch Mineral Corp.  
Seminole Mine #1  
P.O. Box 490  
Hanna, WY 82327



Mr. Palmer:

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

Facility name:	Arch Mineral, Seminole #2, Sumps 4-1, 4-2, 4-3, 10-1
DEQ/WQD Reference Number:	83-637
Engineering Consultant:	Robert Shanks
DEQ/WQD Reviewing Engineer:	Thomas S. Norman (Ted Coyer, previously)
Date of DEQ/WQD Review:	November 8, 1983

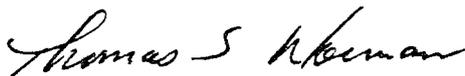
According to Chapter III of the Water Quality Rules and Regulations, Section 7 b. (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide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

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

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within 30 days.
- Other remarks \_\_\_\_\_

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

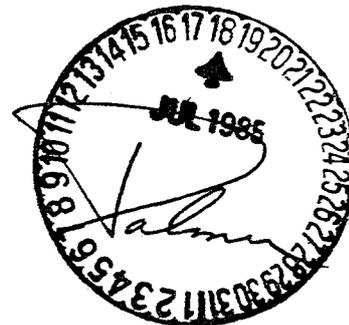
Sincerely,



Thomas S. Norman  
Water Quality Engineer  
Water Quality Division

TSN/nc

cc: Robert Shanks  
Arch Mineral  
500 N. Broadway  
St. Louis, MO 63102





83-637

October 26, 1983

Ted Coyer  
DEQ/LQD  
1111 East Lincolnway  
Cheyenne, WY 82002

Re: Application for sumps at Seminoe No. 1 Mine 64 and 65 beds

Dear Ted:

Accompanying this letter you will find two paper copies of a location map and sump designs. An Application for Permit to Construct or Modify Public Water Supplies and Wastewater Facilities in Wyoming also accompanies these maps.

These sumps were requested by the Land Quality Division during their september inspection. They will be installed upon receiving your approval, and will be used to control sediments from the reclaimed 64 and 65 beds pit area.

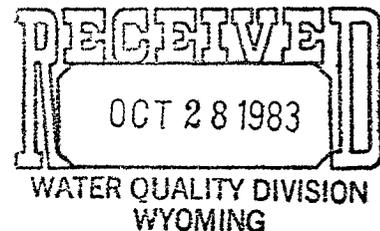
Should you need additional information concerning the above matter, please contact this office. Thank you.

Sincerely,

*Ted J. Hall*

Ted J. Hall  
Hydrologist/Geologist

cc: file



*CN=81  
Runoff = 0.4 in*

Review of Plans and Specifications

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

PROJECT: Seminole No. 1, Sedimentation Ponds 4-1, 4-2, 4-3 & 10-1, Carbon Co.

ARCHITECT OR ENGINEER: Robert W. Shanks, Arch Mineral Corp.  
500 N. Broadway, St. Louis, MO 63102

APPLICANT: Ted J. Hall, Seminole No. 1  
P.O. Box 490, Hanna, WY 82327

WATER QUALITY DIVISION REFERENCE NUMBER: 83-637

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

DATE OF REVIEW: November 8, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The sedimentation ponds are undersized. The "Wyoming General Soil Map" indicates the predominant soil group to be "Torriorthents" with a hydrologic group D or C. From table 9.2 of the SCS handbook on "Hydrology" for contoured rangeland, the curve number ranges from 70-81 depending on the hydrologic condition of the watershed. Since this is reclaimed land and will not have any appreciable ground cover, a curve number of 81 (85 if the slopes are not contoured) should be issued to determine runoff.
2. From figure 10.1 of the SCS method for determining direct runoff and using a 10 year-24 hour precipitation event of 1.6 inches and a curve number =81, the runoff will be 0.4 inches (0.5 if the slopes are not contoured).
3. Based on 0.4 inches of runoff, your sedimentation ponds are undersized.
4. It appears that you did not consider providing any free board for these ponds. Will they be completely below grade without dikes?
5. The location of the spillway needs to be shown.
6. How will the sedimentation ponds be emptied after each precipitation event?
7. Details of how the quantity of sediment was determined need to be provided.

83-637

APPLICATION FOR  
PERMIT TO CONSTRUCT, INSTALL OR MODIFY  
PUBLIC WATER SUPPLIES AND WASTEWATER FACILITIES  
IN WYOMING

- 1. Name of Facility Sumps # 4-1, 4-2, 4-3, 10-1
- 2. Location of Facility: Sec. 4,10 T. 22N R. 83 W Co. Carbon
- 3. Facility Description:  New Construction  Modification

- Public Water Supply
  - Municipal \_\_\_\_\_
  - Other Legal Entity \_\_\_\_\_
  - Commercial \_\_\_\_\_
  - Industrial \_\_\_\_\_

Type of Facility:

- Source Development
- Treatment Plant
- Distribution System

Source: Groundwater \_\_\_\_\_  
 Surfacewater \_\_\_\_\_  
 Capacity, or Demand \_\_\_\_\_ gpm

List State Engineer permit number(s) for water sources: \_\_\_\_\_

- Wastewater Treatment Facility
  - Municipal \_\_\_\_\_
  - Other Legal Entity \_\_\_\_\_
  - Commercial \_\_\_\_\_
  - Industrial \_\_\_\_\_
  - Small \_\_\_\_\_

Type of Facility:

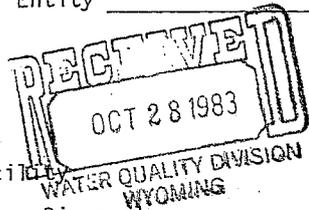
- Subsurface Disposal
- Stabilization Pond
- Evaporative
- Mechanical Treatment
- Collection System

Volume of Wastewater 9.94 Ac-Ft

The State Engineer has reviewed this project and has determined that it will not interfere with existing water rights.

- Yes  No

List State Engineer permit number(s) on the water source(s) related to this project: \_\_\_\_\_



4. Briefly describe facilities proposed to be constructed: These sumps are to be constructed in drainages in reclaimed areas to control sediments from reclaimed areas. 10yr-24hr event-1.6 inches Curve Number (CN) 70

5. Does the proposed water supply/wastewater treatment/facility discharge? NO  
If yes, NPDES Permit Application No. \_\_\_\_\_  
Name of receiving waters \_\_\_\_\_

Name of Applicant Seminole NO. 1  
Ted J. Hall

Mailing Address: P.O. Box 490  
(Street or P.O. Box)  
Hanna, Wyoming 82327  
(City) (State) (Zip)

Business Phone (307) 325-6581

Home Phone \_\_\_\_\_

Name of Engineer Robert W. Shanks

Wyoming P.E.# 3401

Engineering Firm Arch Mineral Corp

Mailing Address: 500 N. Broadway  
(Street or P.O. Box)

St. Louis, MO 63102  
(City) (State) (Zip)

Phone (314) 231-1010

I certify that the above described facility has been submitted in accordance with local, county and State statutes, as required, and that said facility shall be constructed as authorized under the provisions specified in Wyoming Water Quality Rules and Regulations, Chapter III, 1976.

Ted J. Hall  
Signature of Applicant

OCT 25, 1983  
Date

11-22-83

DEPARTMENT OF ENVIRONMENTAL QUALITY

STATE OF WYOMING

GROUNDWATER POLLUTION CONTROL PERMIT  
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS  
(Permit to Inject)

(X ) New

Permit Number:

( ) Modified

GPC 83-638  
UIC Class V

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations Chapter IX (September 4, 1980),

City of Laramie  
Laramie City Engineer  
P.O. Box C  
Laramie, WY 82070

is authorized to operate

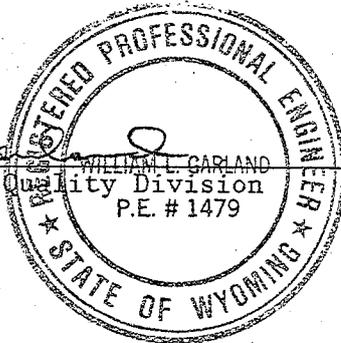
Eberhart Street Drainage System

according to procedures and conditions of the application GPC83-638 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.

*William L. Garland*

Administrator - Water Quality Division  
1111 East Lincolnway  
Cheyenne, WY 82002  
Phone: (307) 777-7781



November 17, 1983  
Date

*Robert E. Sundin*

Director - Department of Environmental Quality  
401 West 19th Street  
Cheyenne, WY 82002



Nov. 17, 1983  
Date

A. Discharge (Injection) Zone and Area of Review

The discharge zone is confined to the 3 discharge wells designated in the application and to the 5 foot interval of slotted well screen, located at approximately 12 feet to 17 feet below the ground surface. The discharge zone is in the alluvial aquifer of the Laramie River and the area of review extends throughout that portion of the aquifer which may be affected by the discharge, and at a minimum within 1/4 mile of the recharge wells.

B. Groundwater Classification

Current use of the groundwater is irrigation (lawn watering). The groundwater is suitable for livestock use based on ambient quality; the concentration of sulfate is reported as 370 mg/l.

C. Authorized Operations

The permittee is authorized to discharge storm water runoff from precipitation and snowmelt over a 2.8 acre area in West Laramie as shown in the application, as a miscellaneous discharge to underground water. The application indicates that the aquifer will accept the 100-year, 24-hour precipitation event through the three proposed recharge wells. Permittee reports that groundwater mounding will not be significant in the vicinity of residences, and that groundwater is separated from residences by a confining layer overlying the aquifer.

D. Proper Operation and Maintenance

The permittee is required to conduct the operation in accordance with statements, representations and procedures presented in the complete permit application and supporting documents, as accepted and approved by the Administrator.

The permittee is required at all times to properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve permit compliance. Proper operation and maintenance includes effective performance, adequate funding, adequate operator staffing and training and adequate laboratory and process controls, including appropriate quality assurance procedures.

The subsurface discharge (injection) authorized by permit shall be consistent with the conditions and content of the permit; any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

E. Entry and Inspection

The permittee shall allow the Administrator, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

1. Enter upon the permittee's premises where a regulated facility or activity is located or conducted, or where records must be kept under the conditions of this permit;

2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit;
3. Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
4. Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the appropriate rules and regulations of the Department, any substances or parameters at any location.

F. Environmental Monitoring Program for Groundwaters of the State

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least three (3) years after closure of the facility.
3. Records of monitoring information shall include:
  - a. The date, exact place, and time of sampling or measurements;
  - b. The name(s) of individual(s) who performed the sampling or measurements;
  - c. The date(s) analyses were performed;
  - d. Names of individuals who performed the analyses;
  - e. The analytical techniques or methods used; and
  - f. The results of such analyses.
4. The prescribed program for this permitted activity is as follows:

The permittee shall keep the manhole (vault) for each recharge well free of debris, silt and sand and other material such that runoff will not be prevented from entering any recharge well.

Periodic maintenance records for the recharge wells will be kept by the permittee. Included in those records will be water levels in the wells; amount of fill-up in each manhole (vault); visual observations of the settling basin around the well and the surrounding area on the surface; and visual observations of damage to the facilities. Copies of all records will be submitted annually to the Water Quality Division.

Two nearby shallow wells identified by the permittee's consultant will be sampled and analyzed to define pre-operational water quality, and once annually thereafter to identify quality changes which may be due to an influx of runoff water. Parameters for

analyses include, at a minimum: Na, Cl, SO<sub>4</sub>, NO<sub>3</sub>-N, TDS, oil and grease, pH. This abbreviated list may be expanded if deemed necessary by the Water Quality Division. All analytical results will be submitted to the Water Quality Division as soon as results are available.

Potentiometric data and a map with flow lines will be submitted to the Water Quality Division based on data from the recharge wells and from any other accessible nearby wells within ninety (90) days following permit issuance.

G. Requirements for Monitoring the Discharge

Discharge (injection) volume and/or pressure shall be controlled and monitored to prevent fracturing of confining strata.

These requirements are not applicable.

H. Test Procedures

Test procedures for the determination of water quality parameters and constituents shall be in accord with provisions of Water Quality Rules and Regulations Chapter VIII, Section 7.

I. Records and Reports

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the report or application.
2. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
4. Monitoring results shall be reported at intervals specified elsewhere in the permit.
5. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 14 days following each schedule date.
6. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:
  - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a useable Groundwater of the State.

- b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between useable Groundwaters of the State.

A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 6. above.
8. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Administrator, it shall promptly submit such facts or information.
9. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The Administrator may require the owner/operator to deliver the records to the Administrator at the conclusion of the retention period.
10. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a Groundwater Pollution Control Permit has been issued by the Department for the proposed operation, and:
  - a. Well construction is complete and the permittee has submitted notice of completion of construction to the Administrator, and
  - b. The Administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the Administrator of intent to inspect or otherwise review the facility within thirteen (13) days of the notice of a. above, in which case prior inspection or review is waived, and
  - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the Administrator.

Part 10 is not applicable to this permit, excepting that the subsurface discharge may not commence unless and until a Groundwater Pollution Control permit has been issued.

11. Annual reports shall be submitted to the Administrator within thirty (30) days following the anniversary date of the permit.
12. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the Administrator within thirty (30) days

of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

J. Permit Actions

After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to, any of the following:

1. Violation of the permit;
2. Obtaining a permit by misrepresentation or failure of the discharge well or system.

Each permit is reviewed at least once every five (5) years, and may be reviewed more frequently.

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued.

A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the Council.

This operation (permit) can be terminated by authority of the Administrator for one or more permit violations.

Public notice of the permit review and request for public comment will be made every ten (10) years by the Administrator.

Not applicable.

K. Mechanical Integrity

Each discharge well and associated discharge facilities is required to have mechanical integrity which demonstrates the unimpaired condition of the well and facilities. The approved procedures for demonstrating the mechanical integrity for the well and facilities handling the discharge authorized by this permit consist of:

Visual observations of the performance of the system and of the presence of silts and debris in the manholes (vaults).

The operation (discharge) of any well or system will terminate immediately if mechanical integrity of the well or system fails and/or a leak or unauthorized fluid movement occurs. The discharge shall be discontinued until mechanical integrity has been restored and permission to continue the discharge has been obtained from the Administrator.

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.

L. Abandonment

The permittee shall notify the Administrator at least 180 days before well abandonment. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the permittee shall notify the Director and follow the procedures prescribed by the Director for plugging and abandonment or the discontinuance of related activities:

Plugging procedures will be implemented upon the discontinuance of each particular well or upon the termination of the useful operation of a well.

M. Duties of the Permittee

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the permit conditions;
3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit;
4. Furnish to the Administrator within a reasonable time, any information which the Administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the Administrator, upon request, copies of records required to be kept by this permit.

N. Financial Responsibility

The permittee is required to maintain financial responsibility and resources in form approved by the Director, to close, plug and abandon the discharge operation in a manner prescribed by the Director.

Not applicable.

O. Special measures the Director finds necessary:

In the event of unauthorized discharges, the permittee will take immediate corrective action.

P. Special permit conditions:

Pollution or waste which migrates into an aquifer containing a useable groundwater of the State is a violation of the permit.

Mechanical integrity -- operations terminate immediately if mechanical integrity of well or system fails and/or a leak or unauthorized fluid movement occurs.

Q. Signatories Requirement

All reports required by this permit and other requested information shall be signed as follows:

For a corporation -- by a principal executive officer of at least the level of vice-president;

For a partnership or sole proprietorship -- by a general partner or the proprietor, respectively;

For a municipality, State, Federal or other public agency -- by either a principal executive officer or ranking elected official; or

By a duly authorized representative for any of the above. A person is a duly authorized representative only if:

1. The authorization is made in writing by one of the described principals;
2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
3. The written authorization is submitted to the Administrator.

If an authorization is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization must be submitted to the Administrator prior to or together with any reports or information, to be signed by an authorized representative.

Any person signing a report or other requested information shall make the following certification:

"I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment."

R. Noncompliance

Any permit noncompliance constitutes a violation of the permit.

The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a notification or planned changes or anticipated noncompliance, does not stay any permit condition.

S. Permit Transfer

The owner/operator of record (permittee) is always responsible for permit compliance. A permit holder cannot transfer his permit without approval of the Department Director.

T. Responsibilities

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.

U. Property Rights

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.

V. Severability

The provisions of this permit are severable, and if any provision of the permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.



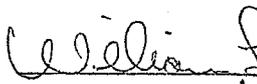
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

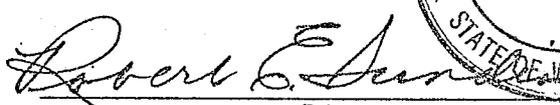
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
  
WILLIAM L. GARLAND  
PE #1479  
Administrator  
Water Quality Division  
STATE OF WYOMING  
December 21, 1983  
Date of Issuance

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

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

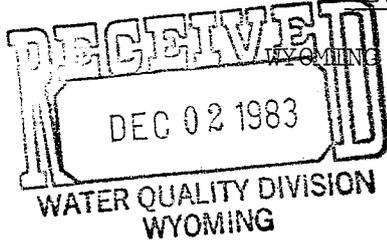
CONDITION

The permittee shall notify the Johnson County Sanitarian's Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address.

Millard Bruce  
Johnson County Sanitarian  
76 North Main  
Buffalo, Wyoming 82834

xc: Millard Bruce, w/plans  
Keith A. Neustel, Grizzly Engineering, P.O. Box 1004, Buffalo, WY 82834

REVIEW OF PLANS AND SPECIFICATIONS



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

PROJECT: Mr. R's Commercial Building Septic System

ARCHITECT OR ENGINEER: Keith A. Neustel  
Grizzly Engineering  
P.O. Box 1004  
Buffalo, Wyoming 82834

WATER QUALITY DIVISION  
REFERENCE NUMBER: 83-639

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: November 29, 1983

ACTION: Not Authorized

COMMENTS:

As we discussed on the phone last week, the system cannot be approved until an acceptable method for disposal of the waste oil is submitted to us.



THE STATE OF WYOMING

ED HERSCHLER  
GOVERNOR

*Department of Environmental Quality*  
*Water Quality Division*

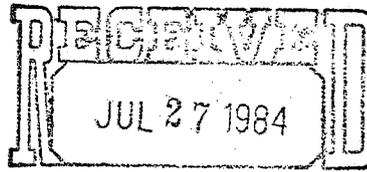
2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

July 25, 1984

Mr. John Nash  
Burns Industries  
P.O. Box 6027  
Sheridan, Wyoming 82801



WATER QUALITY DIVISION

WYOMING

RE: Big Horn Restaurant Holding  
Tanks Permit Application  
DEQ Reference No. 83-640

Dear Mr. Nash:

Per our telephone conversation today, it is my understanding that you do not wish to proceed with the permit to construct process for the above referenced facility. The application is, therefore, withdrawn and is being returned to you.

Sincerely,

Rich Ruyle  
Environmental Engineer

ls

Enclosures

xc: Norma Coulson, WQD Cheyenne

R. V. Lord & Associates, Sheridan



# *Department of Environmental Quality*

## *Water Quality Division*

2161 COFFEEN AVENUE,  
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

June 15, 1984

Mr. Robert V. Lord, Jr.  
R. V. Lord & Associates  
523 Val Vista  
Sheridan, Wyoming 82801

Dear Mr. Lord:

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

Facility name:	Big Horn Restaurant Holding Tanks
DEQ/WQD Reference Number:	83-640
Engineering Consultant:	Robert V. Lord, Jr.
DEQ/WQD Review Engineer:	Rich Ruyle
Date of DEQ/WQD Review:	December 1, 1983

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

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

\_\_\_\_\_ The application will be resubmitted within 30 days.

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

\_\_\_\_\_ Other remarks:

Mr. Robert V. Lord, Jr.  
June 15, 1984  
Page Two

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

Sincerely,

*Tom Mueller*

Tom Mueller  
District Supervisor

TM:ls

xc: Norma Coulson

**RECEIVED**  
DEC 02 1983  
WATER QUALITY DIVISION  
WYOMING

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Big Horn Restaurant Holding Tanks

ARCHITECT OR ENGINEER: Robert V. Lord, Jr.  
R. V. Lord & Associates  
523 Val Vista  
Sheridan, Wyoming 82801

WATER QUALITY DIVISION  
REFERENCE NUMBER: 83-640

REVIEWING ENGINEER: Rich Ruyle *RR*

DATE OF REVIEW: December 1, 1983

ACTION: Not Authorized

COMMENTS:

We cannot permit wastewater holding tanks for permanent establishments. The arrangement may be considered, however, if the owner provides his own pumping and hauling equipment.

# CELSIUS ENERGY COMPANY

P.O. BOX 458 • ROCK SPRINGS, WYOMING 82901 • PHONE (307) 382-9791

83-641

January 9, 1984

Jack Bedessen  
Department of Environmental Quality  
165 East Railroad Avenue  
Green River, Wyoming 82935

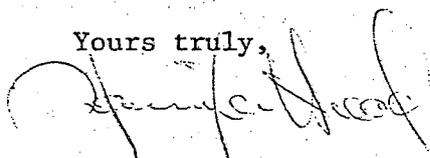
Dear Jack:

Please cancel Permit No. 83-661R for the Cedar Breaks Federal Well No. 6-1 Wastewater Facility. We have determined that our needs can be better met through waste haulage and as such hereby submit a new application (attached) for facilities at this well.

In addition, this letter serves as notice that the camp and wastewater facilities for the Dripping Rock Unit Well No. 1 (No. 83-641) were removed January 6, 1984. These same facilities will be installed on the Cedar Breaks location.

If any problems arise, please let me know.

Yours truly,



Jennifer A. Head  
Staff Property Agent

JAH/cjf  
Attachment

*carried under* 84-15  
RECEIVED  
JAN 11 1984  
WATER QUALITY DIVISION  
WYOMING  
83-661R



*Department of Environmental Quality*

*Water Quality Division*

165 EAST RAILROAD AVENUE

GREEN RIVER, WYOMING 82935

TELEPHONE 307 875-6911

December 5, 1983

Celsius Energy Company  
ATTN: Jennifer Head  
P. O. Box 458  
Rock Springs, WY 82901

Re: "As Built" Wastewater Disposal Facility for Dripping Rock Unit Well No. 1  
and Mancamp (DEQ/WQD No. 83-641)

Dear Jennifer:

The above mentioned facility is located in Sec. 17, T14N, R94W, Sweetwater County, Wyoming. After reviewing the facility plans, they appear to meet the minimum design standards for the State of Wyoming.

A "Permit to Construct" cannot be issued owing to the fact that this facility has already been built. Please retain this letter as verification that the facility has been accepted by the Wyoming Department of Environmental Quality.

Since this facility is only temporary, this office needs to be notified in writing, when the facility has been removed. If you have any questions please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jack Bedessem".

Jack Bedessem  
Area III Supervisor

JB:mpm

cc: Walt George-BLM, Rawlins  
Cheyenne DEQ/WQD  
File (2)

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-642

BEN NIELD ADDITION TO THE TOWN OF AFTON

(Name of Facility)

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

Ross A. and Mable H. Nield

65 W. Nield Avenue

Afton, WY 83110

to construct, install, or modify a Water line and Sewer Line Extension

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

application No. 83-642. The facility is located in \_\_\_\_\_

Sec. 36, T32N, R119W

\_\_\_\_\_ in the County of LINCOLN,

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

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

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

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

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

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

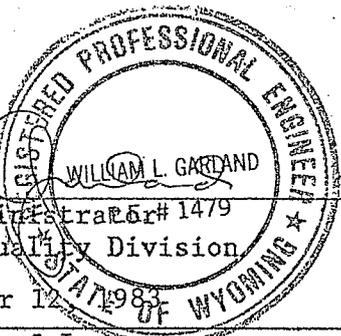
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

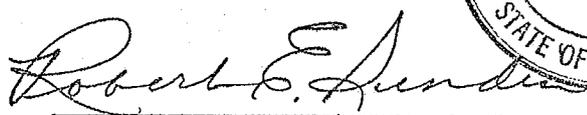
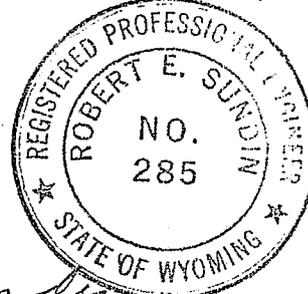
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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. GARDAND  
Administrator # 1479  
Water Quality Division  
December 12, 1983  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

JB:mpm

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



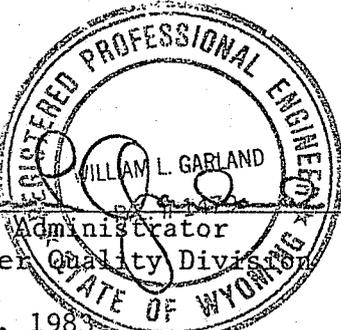
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

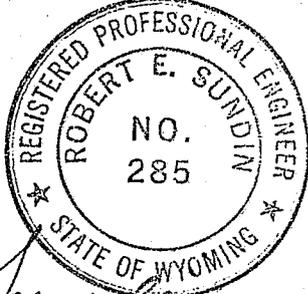
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State 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 L. Garland*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
STATE OF WYOMING  
November 16, 1983  
\_\_\_\_\_  
Date of Issuance

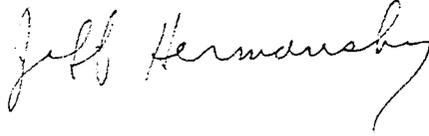
  
*Robert E. Sundin*  
\_\_\_\_\_  
Director  
Dept. of Environmental Quality

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

JH:dcn

MEMORANDUM

TO: Plans #83-643  
FROM: Jeff Hermansky  
DATE: November 7, 1983  
SUBJECT: Phone Review



On November 7, 1983, I conducted a phone review of the Teton Village Sewer Company's proposal to install a new 6" sewer line to serve the Eagles Rest Condominium. I spoke with Victor Gerdin, a Village Sewer Company employee who worked on the design.

I made the following comments to Victor:

1. A Professional Engineer licensed in Wyoming must sign the plans and specifications.
2. No specifications have been submitted. These must include specifications for the pipe, installation, bedding, compaction, and testing.
3. What is the invert out of the manhole adjacent to Eagles Rest? It shouldn't be the same as the invert in.
4. Is manhole No. 2 just outside the sewage plant site?
5. Is the Eagles Rest Condominium the only building that can and will be served by the proposed 6" sewer?
6. A profile view must be shown.
7. Based on the information submitted, the sewer line slope is .0056 ft/ft. This is less than the minimum recommended (.006). The lack of slope may cause additional maintenance problems.

JH:dcn

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-644  
SEE SPECIAL CONDITION

Metro/Station Road Water Line Extension  
(Name of Facility)

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

Casper Board of Public Utilities

200 North David

Casper, WY 82601

to construct, install, or modify a potable water line facility according to the procedures and conditions of the application No. 83-644. The facility is located in Sections 35 and 36, 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.

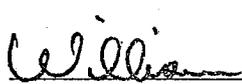
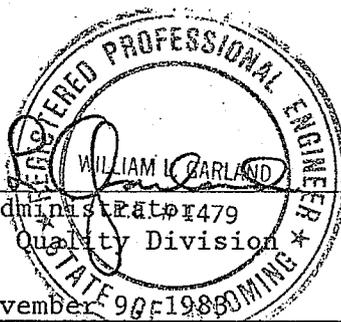
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

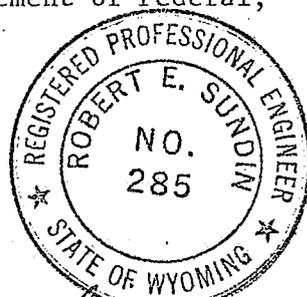
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
  
Administrator 479  
Water Quality Division  
November 9<sup>th</sup> 1988  
Date of Issuance

  
  
Director  
Dept. of Environmental Quality

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

cc: Jack C. Carlson  
City of Casper  
200 North David  
Casper, WY 82601

Condition to Permit to Construct

A blow-off or fire hydrant shall be installed at the end of the water line so that the water line can be flushed when necessary.



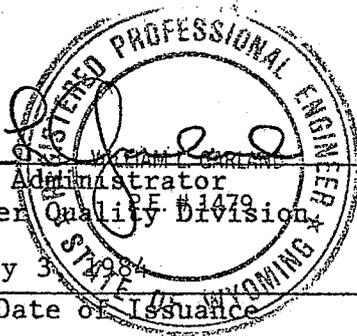
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

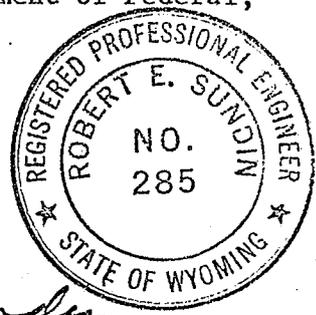
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 165 East Railroad Ave., Green River, Wyoming 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. Carlson*  
\_\_\_\_\_  
Administrator  
Water Quality Division  
January 3, 1984  
\_\_\_\_\_  
Date of Issuance

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

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

JB:mpm

cc: Charles B. Richardson  
Jack Noblitt & Associates  
1920 Thomes Avenue, Suite 620  
Cheyenne, WY 82001



~~84-394~~  
Covered Under  
Permit 83-646

Amoco Production Company  
Evanston District

Mr. E.J. Fanning  
Department of Environmental Quality  
1111 East Lincolnway  
Cheyenne, Wyoming 82002

Re: Request for Permission to Apply Reserve Pit Fluids for Road Dust Abatement

Dear E.J. ,

Attached are the water analysis for four reserve pits in our Evanston District.

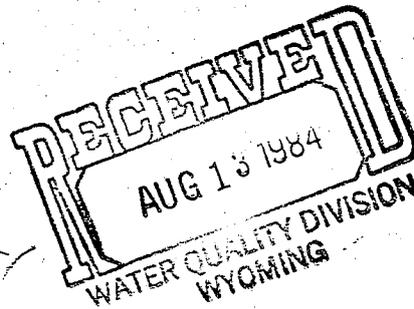
<u>Well</u>	<u>Location</u>	<u>Approximate Volume (bbls)</u>	
Champlin 457 H#1	Sec. 18 T17N R119W	11,000	5 miles
Champlin 505 C#1	Sec. 1 T18N R120W	8,000	6 miles
Energy Reserves #1	Sec. 25 T19N R120W	8,000	8 miles
High Top Fed. #1	Sec. 22 T20N R120W	9,000	6 miles

We wish to road apply this reserve pit water for dust abatement. The water will be applied at a rate so as to not generate puddling. If this procedure meets with your approval, or if you might require further stipulations, please advise with an early reply.

*T.G. Doss*  
T.G. Doss  
District Manager

NET/

8/17/84



*I have verbally permitted the application of these pit waters to adjoining road segments, with the stipulation that acid pit water should not be applied (pH should be > 6.5) to avoid any change in the water quality. Permit #83-646*

84-394

Client Amoco Sample No. #11098  
 Address \_\_\_\_\_ (Assigned by Lab)

Source Champlin #224 B-2 (Belle Butte) Location \_\_\_\_\_  
 Date/Time Collected August 3, 1984 Date/Time Received \_\_\_\_\_

CATIONS				ANIONS				
		Price	meq/l	mg/l		Price	meq/l	mg/l
Sodium	(Na)	\$3.50		1400	Chloride	(Cl)	\$4.00	1400
Potassium	(K)	\$3.50		3.9	Fluoride	(F)	\$4.00	
Magnesium	(Mg)	\$5.00		13	Nitrate	(NO <sub>3</sub> -N)	\$5.00	
Calcium	(Ca)	\$5.00		34	Sulfate	(SO <sub>4</sub> )	\$7.50	964
					Carbonate	(CO <sub>3</sub> )	\$3.00	79
					Bicarbonate	(HCO <sub>3</sub> )	\$3.00	500
TOTAL					TOTAL			

Trace Element Analyses		Price	mg/l	Other Constituents		Price	mg/l
Aluminum	(Al)	\$8.00		pH		\$2.50	9.1
Arsenic	(As)	\$15.00	0.063	Conductivity	(umhos @ 25 °C)	\$2.50	5600
Barium	(Ba)	\$8.00	LT 1	Total Alkalinity	(CaCO <sub>3</sub> )	\$3.00	540
Beryllium	(Be)	\$8.00		Hardness	(CaCO <sub>3</sub> )	\$2.50	
Boron	(B)	\$7.00	1	Total Dissolved Solids	(180 °C)	\$3.50	4460
Cadmium	(Cd)	\$6.00		Suspended Solids	(103 °C)	\$3.00	1360
Chromium	(Cr)	\$6.00	LT 0.05	Total Solids	(103 °C)	\$3.00	
Cobalt	(Co)	\$6.00		Ortho-Phosphate	(PO <sub>4</sub> -P)	\$6.00	
Copper	(Cu)	\$6.00		Total Phosphate	(PO <sub>4</sub> -P)	\$8.00	
Cyanide	(CN)	\$6.00		Ammonia	(NH <sub>3</sub> -N)	\$5.00	
Iron	(Fe)	\$6.00		Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	
Lead	(Pb)	\$6.00		Sulfide	(S)	\$6.00	
Manganese	(Mn)	\$6.00		Sulfite	(SO <sub>3</sub> )	\$3.00	
Mercury	(Hg)	\$15.00		Tetrathionate	(S <sub>4</sub> O <sub>6</sub> -S)	\$10.00	
Nickel	(Ni)	\$6.00	LT 0.1	Thiocyanate	(SCN-S)	\$10.00	
Selenium	(Se)	\$15.00	LT 0.005	Thiosulfate	(S <sub>2</sub> O <sub>3</sub> -S)	\$10.00	
Silica	(SiO <sub>2</sub> )	\$10.00		Oil and Grease	(Freon Ext.)	\$18.00	
Silver	(Ag)	\$6.00		Chemical Oxygen Demand	(C.O.D.)	\$7.00	
Strontium	(Sr)	\$6.00		Chlorophyll A		\$10.00	
Uranium	(U)	\$12.00		Residual Chlorine	(Cl <sub>2</sub> )	\$2.50	
Vanadium	(V)	\$9.00		Dissolved Oxygen	(O <sub>2</sub> )	\$3.00	
Zinc	(Zn)	\$6.00	0.02	B.O.D.	(5 day @ 20 °C)	\$7.00	
				Fecal Coliform	(per 100 ml-MF)	\$5.00	
				Total Coliform	(per 100 ml-MF)	\$5.00	

Charge: \_\_\_\_\_ Date Completed \_\_\_\_\_

84-394

Client Amoco Sample No. #11099  
(Assigned by Lab)

Address \_\_\_\_\_

Source Champlin #457 H-1 Location \_\_\_\_\_

Date Time Collected August 3, 1984 Date/Time Received \_\_\_\_\_

CATIONS				ANIONS				
		Price	meq/l	mg/l		Price	meq/l	mg/l
Sodium	(Na)	\$3.50	_____	9700	Chloride (Cl)	\$4.00	_____	19,000
Potassium	(K)	\$3.50	_____	2800	Fluoride (F)	\$4.00	_____	_____
Magnesium	(Mg)	\$5.00	_____	320	Nitrate (NO <sub>3</sub> -N)	\$5.00	_____	HIGH AMOUNT
Calcium	(Ca)	\$5.00	_____	1300	Sulfate (SO <sub>4</sub> )	\$7.50	_____	2620
					Carbonate (CO <sub>3</sub> )	\$3.00	_____	_____
					Bicarbonate (HCO <sub>3</sub> )	\$3.00	_____	_____
TOTAL					TOTAL			

Trace Element Analyses				Other Constituents			
		Price	mg/l			Price	mg/l
Aluminum	(Al)	\$8.00	_____	pH		\$2.50	1.5 <i>pH now ~3.0</i>
Arsenic	(As)	\$15.00	0.038	Conductivity	(umhos @ 25 °C)	\$2.50	45,000
Barium	(Ba)	\$8.00	INTEFER.	Total Alkalinity	(CaCO <sub>3</sub> )	\$3.00	_____
Beryllium	(Be)	\$8.00	_____	Hardness	(CaCO <sub>3</sub> )	\$2.50	_____
Boron	(B)	\$7.00	_____	Total Dissolved Solids	(180 °C)	\$3.50	36,900
Cadmium	(Cd)	\$6.00	_____	Suspended Solids	(103 °C)	\$3.00	336
Chromium	(Cr)	\$6.00	0.48	Total Solids	(103 °C)	\$3.00	_____
Cobalt	(Co)	\$6.00	_____	Ortho-Phosphate	(PO <sub>4</sub> -P)	\$6.00	_____
Copper	(Cu)	\$6.00	_____	Total Phosphate	(PO <sub>4</sub> -P)	\$8.00	_____
Cyanide	(CN)	\$6.00	_____	Ammonia	(NH <sub>3</sub> -N)	\$5.00	_____
Iron	(Fe)	\$6.00	_____	Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	_____
Lead	(Pb)	\$6.00	_____	Sulfide	(S)	\$6.00	_____
Manganese	(Mn)	\$6.00	_____	Sulfite	(SO <sub>3</sub> )	\$3.00	_____
Mercury	(Hg)	\$15.00	_____	Tetrathionate	(S <sub>4</sub> O <sub>6</sub> -S)	\$10.00	_____
Nickel	(Ni)	\$6.00	0.1	Thiocyanate	(SCN-S)	\$10.00	_____
Selenium	(Se)	\$15.00	LT 0.0005	Thiosulfate	(S <sub>2</sub> O <sub>3</sub> -S)	\$10.00	_____
Silica	(SiO <sub>2</sub> )	\$10.00	_____	Oil and Grease	(Freon Ext.)	\$18.00	_____
Silver	(Ag)	\$6.00	_____	Chemical Oxygen Demand	(C.O.D.)	\$7.00	_____
Strontium	(Sr)	\$6.00	_____	Chlorophyll A		\$10.00	_____
Titanium	(U)	\$12.00	_____	Residual Chlorine	(Cl <sub>2</sub> )	\$2.50	_____
Vanadium	(V)	\$9.00	_____	Dissolved Oxygen	(O <sub>2</sub> )	\$3.00	_____
Zinc	(Zn)	\$6.00	37	B.O.D.	(5 day @ 20 °C)	\$7.00	_____
High pH dissolved any zinc around				Fecal Coliform	(per 100 ml-MF)	\$5.00	_____
trash can lids, etc.				Total Coliform	(per 100 ml-MF)	\$5.00	_____

*EJ: WE WILL NEUTRALIZE THIS BEFORE POUND APP.*

TDS - alot burned off at 103 °C; probable hydrocarbons.

Charge: \_\_\_\_\_ Date Completed \_\_\_\_\_

84-394

**WESTERN WYOMING COLLEGE WATER QUALITY LABORATORY**  
 P.O. Box 428, Rock Springs, WY. 82901 (307) 382-2121, ext. 215

Client Moeco Sample No. 10600  
 (Assigned by Lab)

Address \_\_\_\_\_

Source CH 505 C-1 Location \_\_\_\_\_

Date/Time Collected \_\_\_\_\_ Date/Time Received 4/24/84 0800

CATIONS				ANIONS					
		Price	meq/l	mg/l		Price	meq/l	mg/l	
Sodium	(Na)	\$3.50	<u>113.04</u>	<u>2600</u>	Chloride	(Cl)	\$4.00	<u>121.30</u>	<u>4300</u>
Potassium	(K)	\$3.50	<u>6.34</u>	<u>250</u>	Fluoride	(F)	\$4.00	_____	_____
Magnesium	(Mg)	\$5.00	<u>2.88</u>	<u>35</u>	Nitrate	(NO <sub>3</sub> -N)	\$5.00	_____	_____
Calcium	(Ca)	\$5.00	<u>12.48</u>	<u>250</u>	Sulfate	(SO <sub>4</sub> )	\$7.50	<u>18.04</u>	<u>866</u>
_____	_____	_____	_____	_____	Carbonate	(CO <sub>3</sub> )	\$3.00	_____	<u>0</u>
_____	_____	_____	_____	_____	Bicarbonate	(HCO <sub>3</sub> )	\$3.00	_____	<u>0</u>
TOTAL			<u>134.74</u>		TOTAL			<u>139.34</u>	

Trace Element Analyses		Price	mg/l	Other Constituents		Price	mg/l
Aluminum	(Al)	\$8.00	<u>7.1</u>	pH		\$2.50	<u>2.35</u>
Arsenic	(As)	\$15.00	<u>0.030</u>	Conductivity	(umhos @ 25 °C)	\$2.50	<u>11500</u>
Barium	(Ba)	\$8.00	LT <u>10</u>	Total Alkalinity	(CaCO <sub>3</sub> )	\$3.00	<u>0</u>
Beryllium	(Be)	\$8.00	_____	Hardness	(CaCO <sub>3</sub> )	\$2.50	<u>780</u>
Boron	(B)	\$7.00	<u>1.2</u>	Total Dissolved Solids	(180 °C)	\$3.50	<u>8800</u>
Cadmium	(Cd)	\$6.00	LT <u>0.02</u>	Suspended Solids	(103 °C)	\$3.00	<u>2300</u>
Chromium	(Cr)	\$6.00	<u>0.15</u>	Total Solids	(103 °C)	\$3.00	<u>12600</u>
Cobalt	(Co)	\$6.00	_____	Ortho-Phosphate	(PO <sub>4</sub> -P)	\$6.00	_____
Copper	(Cu)	\$6.00	<u>0.06</u>	Total Phosphate	(PO <sub>4</sub> -P)	\$8.00	_____
Cyanide	(CN)	\$6.00	_____	Ammonia	(NH <sub>3</sub> -N)	\$5.00	_____
Iron	(Fe)	\$6.00	_____	Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	_____
Lead	(Pb)	\$6.00	_____	Sulfide	(S)	\$6.00	_____
Manganese	(Mn)	\$6.00	_____	Sulfite	(SO <sub>3</sub> )	\$3.00	_____
Mercury	(Hg)	\$15.00	_____	Tetrathionate	(S <sub>4</sub> O <sub>6</sub> -S)	\$10.00	_____
Nickel	(Ni)	\$6.00	LT <u>0.1</u>	Thiocyanate	(SCN-S)	\$10.00	_____
Selenium	(Se)	\$15.00	LT <u>0.0005</u>	Thiosulfate	(S <sub>2</sub> O <sub>3</sub> -S)	\$10.00	_____
Silica	(SiO <sub>2</sub> )	\$10.00	_____	Oil and Grease	(Freon Ext.)	\$18.00	<u>14</u>
Silver	(Ag)	\$6.00	LT <u>0.05</u>	Chemical Oxygen Demand	(C.O.D.)	\$7.00	_____
Strontium	(Sr)	\$6.00	_____	Chlorophyll A		\$10.00	_____
Uranium	(U)	\$12.00	_____	Residual Chlorine	(Cl <sub>2</sub> )	\$2.50	_____
Vanadium	(V)	\$9.00	_____	Dissolved Oxygen	(O <sub>2</sub> )	\$3.00	_____
Zinc	(Zn)	\$6.00	<u>4.7</u>	B.O.D.	(5 day @ 20 °C)	\$7.00	_____
SAR		\$2.00	<u>14.7</u>	Fecal Coliform	(per 100 ml-MF)	\$5.00	_____
Sample Prep Fee		\$10.00	_____	Total Coliform	(per 100 ml-MF)	\$5.00	_____

WILL  
 BE NEUTRAL  
 BEFORE  
 ROAD  
 APPLICATION

Charge: \$173.50 Date Completed 4/25/84

84-394

**WESTERN WYOMING COLLEGE WATER QUALITY LABORATORY**  
 P.O. Box 428, Rock Springs, WY. 82901 (307) 382-2121, ext. 215

Client MOECO SUMP TREATMENT Sample No. \_\_\_\_\_ (Assigned by Lab)

Address \_\_\_\_\_

Source Energy Reserve Location Amoco, Whitney Canyon

Date/Time Collected June 12, 1984 Date/Time Received \_\_\_\_\_

CATIONS				ANIONS					
		Price	meq/l	mg/l		Price	meq/l	mg/l	
Sodium	(Na)	\$3.50	_____	430	Chloride	(Cl)	\$4.00	830	
Potassium	(K)	\$3.50	_____	24	Fluoride	(F)	\$4.00	_____	
Magnesium	(Mg)	\$5.00	_____	72	Nitrate	(NO <sub>3</sub> -N)	\$5.00	_____	
Calcium	(Ca)	\$5.00	_____	250	Sulfate	(SO <sub>4</sub> )	\$7.50	376	
_____	_____	_____	_____	_____	Carbonate	(CO <sub>3</sub> )	\$3.00	7.1	
_____	_____	_____	_____	_____	Bicarbonate	(HCO <sub>3</sub> )	\$3.00	320	
TOTAL				_____	TOTAL				_____

Trace Element Analyses			Other Constituents			
		Price	mg/l		Price	mg/l
Aluminum	(Al)	\$8.00	_____	pH	\$2.50	7.92
Arsenic	(As)	\$15.00	.001	Conductivity	(umhos @ 25 °C)	\$2.50 2200
Barium	(Ba)	\$8.00	1t 1.0	Total Alkalinity	(CaCO <sub>3</sub> )	\$3.00 260
Beryllium	(Be)	\$8.00	_____	Hardness	(CaCO <sub>3</sub> )	\$2.50 _____
Boron	(B)	\$7.00	1t .5	Total Dissolved Solids	(180 °C)	\$3.50 2160
Cadmium	(Cd)	\$6.00	_____	Suspended Solids	(103 °C)	\$3.00 14
Chromium	(Cr)	\$6.00	1t .05	Total Solids	(103 °C)	\$3.00 2200
Cobalt	(Co)	\$6.00	_____	Ortho-Phosphate	(PO <sub>4</sub> -P)	\$6.00 _____
Copper	(Cu)	\$6.00	_____	Total Phosphate	(PO <sub>4</sub> -P)	\$8.00 _____
Cyanide	(CN)	\$6.00	_____	Ammonia	(NH <sub>3</sub> -N)	\$5.00 _____
Iron	(Fe)	\$6.00	_____	Total Kjeldahl Nitrogen	(TKN-N)	\$12.00 _____
Lead	(Pb)	\$6.00	_____	Sulfide	(S)	\$6.00 _____
Manganese	(Mn)	\$6.00	_____	Sulfite	(SO <sub>3</sub> )	\$3.00 _____
Mercury	(Hg)	\$15.00	_____	Tetrathionate	(S <sub>4</sub> O <sub>6</sub> -S)	\$10.00 _____
Nickel	(Ni)	\$6.00	.1	Thiocyanate	(SCN-S)	\$10.00 _____
Selenium	(Se)	\$15.00	.0005	Thiosulfate	(S <sub>2</sub> O <sub>3</sub> -S)	\$10.00 _____
Silica	(SiO <sub>2</sub> )	\$10.00	_____	Oil and Grease	(Freon Ext.)	\$18.00 2.6
Silver	(Ag)	\$6.00	_____	Chemical Oxygen Demand	(C.O.D.)	\$7.00 _____
Strontium	(Sr)	\$6.00	_____	Chlorophyll A		\$10.00 _____
Uranium	(U)	\$12.00	_____	Residual Chlorine	(Cl <sub>2</sub> )	\$2.50 _____
Vanadium	(V)	\$9.00	_____	Dissolved Oxygen	(O <sub>2</sub> )	\$3.00 _____
Zinc	(Zn)	\$6.00	.03	B.O.D.	(5 day @ 20 °C)	\$7.00 _____
_____	_____	_____	_____	Fecal Coliform	(per 100 ml-MF)	\$5.00 _____
_____	_____	_____	_____	Total Coliform	(per 100 ml-MF)	\$5.00 _____

Charge \_\_\_\_\_ Date Completed 6-14-84

84-394

Client Amoco Sample No. #11100  
 Address \_\_\_\_\_ (Assigned by Lab)

Source High Top Federal #1 Location \_\_\_\_\_  
 Date/Time Collected August 3, 1984 Date/Time Received \_\_\_\_\_

CATIONS				ANIONS				
		Price	meq/l	mg/l		Price	meq/l	mg/l
Sodium	(Na)	\$3.50		17,000	Chloride	(Cl)	\$4.00	29,000
Potassium	(K)	\$3.50		3600	Fluoride	(F)	\$4.00	HIGH
Magnesium	(Mg)	\$5.00		95	Nitrate	(NO <sub>3</sub> -N)	\$5.00	AMOUNT
Calcium	(Ca)	\$5.00		660	Sulfate	(SO <sub>4</sub> )	\$7.50	347
					Carbonate	(CO <sub>3</sub> )	\$3.00	
					Ricarbonate	(HCO <sub>3</sub> )	\$3.00	
TOTAL					TOTAL			

Trace Element Analyses				Other Constituents			
		Price	mg/l			Price	mg/l
Aluminum	(Al)	\$8.00		pH		\$2.50	4.4
Arsenic	(As)	\$15.00	0.013	Conductivity	(umhos @ 25 °C)	\$2.50	45,000
Barium	(Ba)	\$8.00	18	Total Alkalinity	(CaCO <sub>3</sub> )	\$3.00	
Beryllium	(Be)	\$8.00		Hardness	(CaCO <sub>3</sub> )	\$2.50	
Boron (HIGH NITRATES)	(B)	\$7.00	INTERFER.	Total Dissolved Solids	(180 °C)	\$3.50	55,400*
Cadmium	(Cd)	\$6.00		Suspended Solids	(103 °C)	\$3.00	1940
Chromium	(Cr)	\$6.00	1.3	Total Solids	(103 °C)	\$3.00	
Cobalt	(Co)	\$6.00		Ortho Phosphate	(PO <sub>4</sub> -P)	\$6.00	
Copper	(Cu)	\$6.00		Total Phosphate	(PO <sub>4</sub> -P)	\$8.00	
Cyanide	(CN)	\$6.00		Ammonia	(NH <sub>3</sub> -N)	\$5.00	
Iron	(Fe)	\$6.00		Total Kjeldahl Nitrogen	(TKN-N)	\$12.00	
Lead	(Pb)	\$6.00		Sulfide	(S)	\$6.00	
Manganese	(Mn)	\$6.00		Sulfite	(SO <sub>3</sub> )	\$3.00	
Mercury	(Hg)	\$15.00		Tetrathionate	(S <sub>4</sub> O <sub>6</sub> -S)	\$10.00	
Nickel	(Ni)	\$6.00	0.1	Thiocyanate	(SCN-S)	\$10.00	
Selenium	(Se)	\$15.00	0.0005	Thiosulfate	(S <sub>2</sub> O <sub>3</sub> -S)	\$10.00	
Silica	(SiO <sub>2</sub> )	\$10.00		Oil and Grease	(Freon Ext.)	\$18.00	
Silver	(Ag)	\$6.00		Chemical Oxygen Demand	(C.O.D.)	\$7.00	
Strontium	(Sr)	\$6.00		Chlorophyll A		\$10.00	
Uranium	(U)	\$12.00		Residual Chlorine	(Cl <sub>2</sub> )	\$2.50	
Vanadium	(V)	\$9.00		Dissolved Oxygen	(O <sub>2</sub> )	\$3.00	
Zinc	(Zn)	\$6.00	5.9	B.O.D.	(5 day @ 20 °C)	\$7.00	
				Fecal Coliform	(per 100 ml-MF)	\$5.00	
				Total Coliform	(per 100 ml-MF)	\$5.00	

\*TDS - alot burned off at 103°C; probable hydrocarbons.

Charge: \_\_\_\_\_ Date Completed \_\_\_\_\_

ES, WE DIDN'T HAVE ANY HYDROCARBON SHOWS ON THIS WELL. IT MIGHT BE AN ASPHALTIC MUD ADDITIVE THAT WE USED DURING DRILLING.  
 Neal

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-646  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Amoco-Champlin Complex  
(Name of Facility)

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

Amoco Production Company  
1013 Cheyenne Drive  
Evanston, WY 82930

to construct, install, or modify a drilling fluids reserve pit facility according to the procedures and conditions of the application No. 83-646. The facility is located in scattered tracts in the Counties of Uinta and Lincoln, in the State of Wyoming.

This permit shall be effective for a period of five 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.

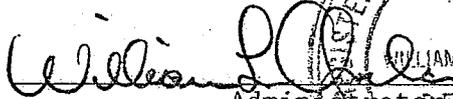
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

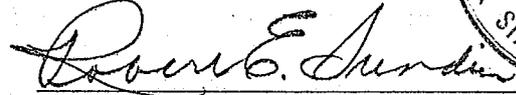
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

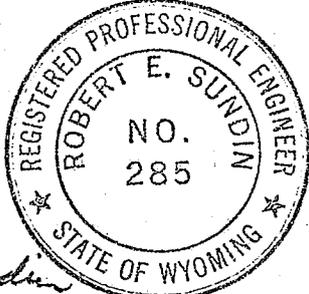
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
WILLIAM GARLAND  
Administrator # 1479  
Water Quality Division  
November 16, 1988  
Date of Issuance



  
ROBERT E. SUNDIN  
Director  
Dept. of Environmental Quality



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

## CONDITIONS TO PERMIT TO CONSTRUCT

This permit authorizes Amoco Production Company to dispose, by land application, of the reserve pit supernatant used to drill the upper, or surface, portion of a hole, generally considered to be that section from ground surface to 7500 feet, the exact depth being defined by the top of the first salt-bearing information. This permit is subject to the following conditions:

1. Amoco Production Company will provide the Water Quality Division with 72 hour advance verbal notification before any reserve pit is dewatered.
2. The following information will be submitted to the Water Quality Division within 10 days after pit dewatering:
  - A. A water quality analysis of a depth and area integrated pit water sample to verify the effectiveness of treatment in complying with currently accepted water quality criteria as attached. Minimum treatment measures will include flocculation and pH adjustment.
  - B. The volume of water discharged, the acreage and location of the application site and any additional treatment applied to the water.
  - C. A pre-application soil analysis\* for the parameters listed in part 9 and in the Appendix-part a of the application form for one-time land application.
  - D. Every fifth pit that is sampled in this process should include sufficient volume of properly integrated liquid so that 2 liters of sample can be mailed by common carrier to the CNFRL Field Research Laboratory (U.S. Fish & Wildlife Service) at P.O. Box 1089, Jackson, WY 83001, in care of Daniel F. Woodward, Project Leader. The purpose is to perform routine organics analysis for TOC, DOC and HPLC, as well as bioassays.\*\*
3. The following information will be submitted to the Water Quality Division as specified:
  - A. A post application soil analysis\* as per #2. C. after one growing season has been completed.
  - B. At such time as well completion is accomplished or drilling terminated in a dry hole situation, a statement of intention for disposal of the remaining liquid and solid wastes in the process of pit reclamation will be forwarded to the Water Quality Division.

\*The soil analysis requirements will be terminated at the end of the 1984 field season (November 1984) assuming a sufficient number of samples and an adequate data base has been accumulated.

\*\*The organics analysis and bioassay will be terminated at the close of the 1985 field season.

ATTACHMENT FOR CONDITIONS TO  
PERMIT TO CONSTRUCT #83-646

<u>Parameter</u>	<u>Interim Baseline</u> <u>Water Quality Standard</u>
pH s.u.	4.5-9.0
Electrical Conductivity, Micromhos/cm @25°C	3,250
Total Dissolved Solids, mg/l	2,100
Sodium Adsorption Ratio (SAR)	26
Potassium	In combination with Sodium will not produce an SAR greater than 26
Chlorides, (Cl <sup>-</sup> ) mg/l	1,500
Sulfates, (SO <sub>4</sub> <sup>-2</sup> ) mg/l	960
Bicarbonates, (HCO <sub>3</sub> <sup>-</sup> ) meq/l	Not greater than 50% of the total anion conc.
Arsenic (As H <sub>3</sub> AsO <sub>4</sub> , Arsenious Acid) mg/l	0.1
Boron, (As H <sub>3</sub> BO <sub>3</sub> , Boric Acid) mg/l	2.0
Chromium, (Cr <sup>6+</sup> ) mg/l	1.0
Copper, (Cu), mg/l	1.0
Nickel, (Ni) mg/l	0.2
Selenium, (Se) mg/l	0.2
Zinc, (Zn) mg/l	2.0
Oil and Grease, mg/l	Not greater than 2,000 lbs./acre if surface application only is possible; not greater than 20,000 lbs./acre if tillage (soil incorporation) is per- missable.



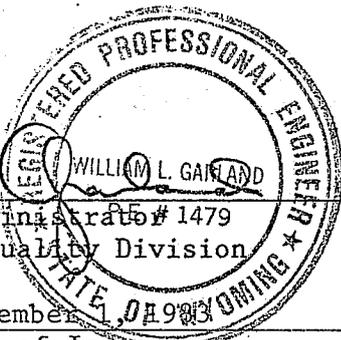
during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

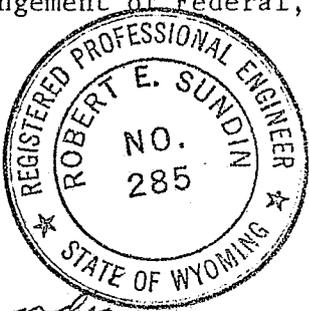
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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. Gairland*  
William L. Gairland  
Administrative # 1479  
Water Quality Division  
December 1, 1983  
Date of Issuance

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

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

CONDITIONS

1. When a City sewer line becomes available (within 250 linear feet of the intersection of Limestone Avenue and Warlow Drive, as measured from the mid-point of the intersection), then the owner/owners must connect onto the City of Gillette's central sewer system by either a gravity flow system or by utilizing a lift station.
2. The permittee shall notify the Campbell County Engineer's Office of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Mr. Bill Flaherty  
Campbell County Engineer's Office  
500 South Gillette Avenue  
Gillette, Wyoming 82716

xc: Campbell County Engineer's Office, w/plans

11-20-83

PERMIT TO CONSTRUCT

New  
 Renewal  
 Modified

Permit No. 83-648  
SEE SPECIAL CONDITION

Joe Dona Veterinary Clinic  
(Name of Facility)

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

Joe Dona

P.O. Box 1479

Glenrock, WY 82637

to construct, install, or modify a subsurface sewage treatment and disposal facility according to the procedures and conditions of the application No. 83-648. The facility is located in Section 11, T33N, R75W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

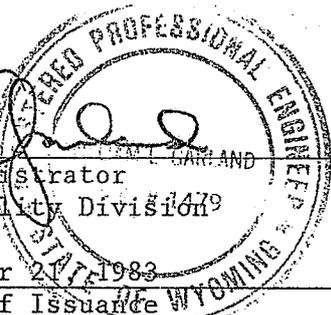
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

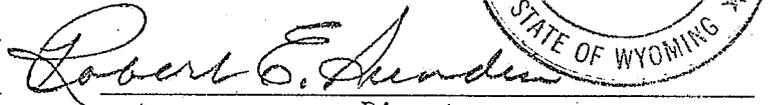
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

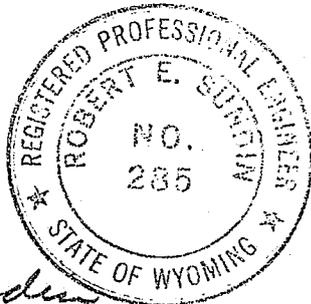
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division  
November 27, 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 representatives of the Converse County Health Department of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to back-filling. The authorized representative in your area can be contacted at the following address:

Chuck Higgins, County Sanitarian  
Converse County Health Department  
Box 1303  
Douglas, WY 82633  
Telephone: 358-2536

cc: Robert Hartley  
Box 2172  
Glenrock, WY 82637

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-649  
 SEE SPECIAL CONDITIONS  
 Ref.No. 83-621

Z & S Construction Co. Office  
 (Name of Facility)

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

Z & S Construction Company

P.O. Box 310

Kimball, NE 69145

to construct, install, or modify a two subsurface sewage treatment and disposal facilities according to the procedures and conditions of the application No. 83-649. The facility is located in Section 25, T16N, R65W 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.

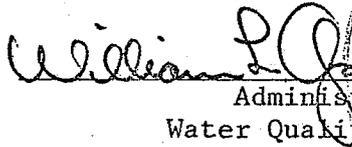
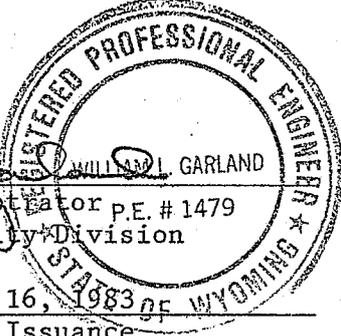
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
  
November 16, 1983  
Date of Issuance

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

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

Conditions to Permit to Construct

1. The septic tank for the mobile homes shall be oriented to eliminate the 90 degree bend at the inlet.
2. The sewer pipe crossing the driveway shall be encased (preferably heavy weight steel pipe) to prevent it from breaking.
3. We strongly suggest that at least two 40 foot soil absorption trenches be provided for the shop-office complex.
4. The permittee shall notify representatives of the Laramie County Environmental Health of the estimated day construction will commence and the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. The authorized representative in your area can be contacted at the following address:

Don Pack, Laramie Co. Environmental Health, 1710 Snyder Ave., Cheyenne, WY 82001  
Phone number: (307) 638-8545

cc: D.M. Hopkins, D.M. Hopkins & Assoc., 216 E. 17th St., Cheyenne, WY 82001

2-22-84

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 83-650  
SEE CONDITIONS ATTACHED TO THIS PERMIT

Casper Waste Oil Recycling, Inc.  
(Name of Facility)

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

Capshaw Brothers Co.  
P.O. Box 1915  
Casper, WY 82602

to construct, install, or modify a production waste oil pit and road application facility according to the procedures and conditions of the application No. 83-650.

The facility is located in NW1/4 Section 8, T33N, R80W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two year (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

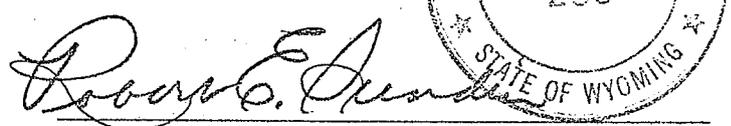
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
REGISTERED PROFESSIONAL ENGINEER  
WILLIAM R. GARLAND  
Administrator 1479  
Water Quality Division  
STATE OF WYOMING  
February 27, 1984  
Date of issuance

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

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

This permit authorizes you to dispose of 44,100 gallons of production waste oil annually on the surrounding county roads, contingent on approval by the Natrona County Road and Bridge Department and the Health Department.

CONDITIONS TO PERMIT TO CONSTRUCT

1. Waste oil shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8% for vehicular application.
3. Waste oil application shall be terminated within 300 feet of the defineable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. Analysis of a composite sludge sample from the existing pit for the following metals should be submitted by April 1, 1984:

pH	Conductivity, mmhos/cm @ 25°C
Calcium	Chromium
Barium	Silver
Zinc	Sodium
Magnesium	Molybdenum
Boron	Vanadium
Aluminum	Manganese
Nickel	Mercury
Lead	Copper
Iron	

All results should be reported on a dry weight basis as ug/gram of solids.

