

AP ✓

PERMIT TO CONSTRUCT

PERMIT NO. 88-201  
SEE SPECIAL CONDITIONS

X New  
Renewal  
Modified

Arby's 6" Water and Sewer Line Construction

This permit hereby authorizes the applicant:

Town of Wheatland  
600 9th Street  
Wheatland, WY 82201

to construct, install or modify public water distribution system and public wastewater collection system according to the procedures and conditions of the application number 88-201. The facility is located in S14, T24N, R68W, 1/4 SE SE in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of two years (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 ensures 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.

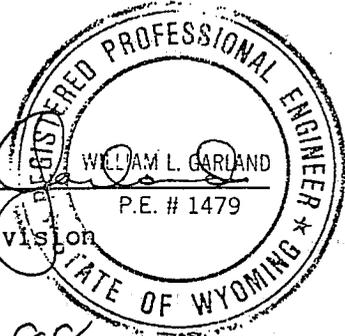
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 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  
Department of Environmental Quality

6-24-88

Date of Issuance

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

CONDITION TO PERMIT TO CONSTRUCT #88-201

The sewer main cannot be extended in the future, as provided in Department of Environmental Quality, Water Quality Division Rules and Regulations Chapter XI, Part B, Section 9(c).

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Arby's 6" Water & Sewer Line Construction - Wheatland

ENGINEER: Daniel B. Kennedy  
Kennedy Engineering  
P. O. Box 1089  
Wheatland, WY 82201

APPLICANT: Town of Wheatland  
600 9th Street  
Wheatland, WY 82201

WATER QUALITY DIVISION REFERENCE NUMBER: 88-201

REVIEWING ENGINEER: Dave Montague, <sup>DM</sup> Engineering Specialist, WQD

DATE OF REVIEW: May 20, 1988

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Provide the scales for the Profile View and the Plan View.
2. Provide the profile view of the proposed water main.
3. Indicate on the profile view that the 6" stub (approximately STA 3+50) will be plugged.
4. Provide a manhole at the change in sewer main slope, approximately STA 1+50. Department of Environmental Quality Water Quality Rules and Regulations Chapter XI, Part B, Section 9(d) states "Manholes shall be located at all changes in pipe size, vertical or horizontal alignment, pipe intersections, and the end of lines."
5. Provide on the plan view the connection used from the proposed 6" water main to the existing 6" water main.
6. Where the deadend main occurs in the proposed 6" water main, at approximately STA 3+50, it will be provided with a flushing hydrant or blowoff for flushing purposes. Flushing devices shall be sized to provide flows which will give a velocity of 2.5 feet per second minimum in the water main being flushed.
7. When this project is permitted, it will be a condition that the sewer main cannot be extended in the future, as provided in Department of Environmental Quality, Water Quality Division Rules and Regulations, Chapter XI, Part B, Section 9(c).

/jpn

RF.

PERMIT TO CONSTRUCT

PERMIT NO. 88-202

X New  
Renewal  
Modified

KING NO. 2 - 15 MG WATER RESERVOIR

This permit hereby authorizes the applicant:

BOARD OF PUBLIC UTILITIES  
CITY OF CHEYENNE  
2100 PIONEER AVE  
CHEYENNE, WY 82001

to construct, install or modify finished water storage reservoir according to the procedures and conditions of the application number 88-202. The facility is located in SW ¼ S31, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of five years (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 ensures 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.

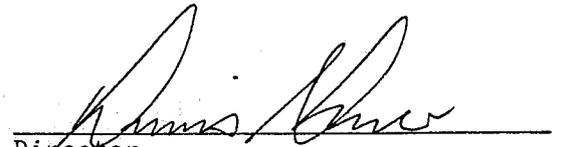
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

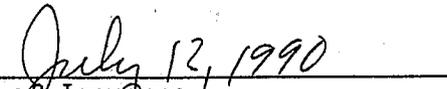
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Director  
Department of Environmental Quality

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

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

LBH\nc

cc: Thomas Satchell, HDR Engineering Inc, 303 E 17th Ave Suite 300,  
Denver, CO 80203-1256

✓  
EW

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 88-203R

COLLINS SMALL WASTEWATER FACILITY  
(Name of Facility)

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

Tom Collins

Box 129

Hulett, Wyoming 82720

to construct, install or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 88-203R. The facility is located in Section 4, T.54N., R.64W., in the County of Crook, 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 ensures 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.

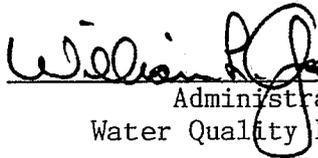
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 501, 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



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

8-23-88  
Date of Issuance

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

✓

PERMIT TO CONSTRUCT

- [X] New  
[ ] Renewal  
[ ] Modified

Permit No. 88-204

NORTON SMALL WASTEWATER FACILITY  
(Name of Facility)

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

Stephen and Laura Norton

Hulett, Wyoming 82720

to construct, install, or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 88-204. The facility is located in Section 4, T.54N., R.64W., in the County of Crook, 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 ensures 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.

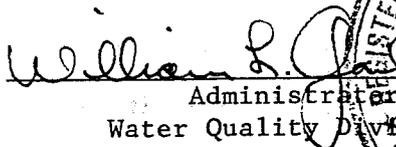
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

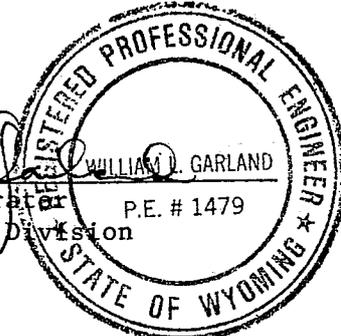
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 501, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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AUTHORIZED BY:

  
Administrator  
Water Quality Division



REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
P.E. # 1479  
STATE OF WYOMING

  
Director  
Department of Environmental Quality

5-31-88

Date of Issuance

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

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 88-205

GOLTZ SMALL WASTEWATER FACILITY  
(Name of Facility)

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

Dennis & Stephanie Goltz

P. O. Box 356

Hulett, Wyoming 82720

to construct, install, or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 88-205. The facility is located in Section 5, T.54N., R.64W., in the County of Crook, 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 ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 501, Sheridan, Wyoming 82801; telephone, 672-6457.

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AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division



Robert Wood  
Director  
Department of Environmental Quality

5-31-88

Date of Issuance

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

R.A.

PERMIT TO CONSTRUCT

PERMIT NO. 88-206

- X New
- Renewal
- Modified

Baggs Water Systems Improvements

This permit hereby authorizes the applicant:

Town of Baggs  
P O Box 300  
Baggs, WY 82321

to construct, install or modify public water distribution system according to the procedures and conditions of the application number 88-206. The facility is located in S5, T12N, R9W, W SE $\frac{1}{4}$  in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years (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 ensures 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.

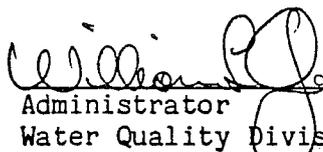
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

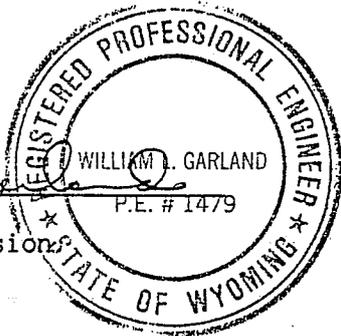
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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.

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AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Department of Environmental Quality

10-13-88  
Date of Issuance

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

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Baggs Water System Improvements

ENGINEER: Paul McCarthy  
Robert Jack Smith & Associates  
P O Box 1104  
Rawlins, Wyoming 82301

APPLICANT: Town of Baggs  
P O Box 300  
Baggs, Wyoming 82321

WATER QUALITY DIVISION REFERENCE NUMBER: 88-206

REVIEWING ENGINEER: David Montague 

DATE OF REVIEW: September 23, 1988

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

In the calculations for head loss, the head loss due to length of pipe needs to be considered.

Also, in the calculation for head loss, on sheet 1 of 2, the E-N head loss for the tee is given as 0.30, and is given as 1.5 for the E-W head loss. On sheet 2 of 2, the E-N head loss for the tee is given as 1.5, and is given as 0.3 for the E-W head loss. These numbers need to be consistent.

/jn

RF

PERMIT TO CONSTRUCT

PERMIT NO. 88-207

- X New
- Renewal
- Modified

RAILROAD CROSSING PROJECT - GLENDO

This permit hereby authorizes the applicant:

Town of Glendo  
Box 396  
Glendo, Wyoming 82213

to construct, install or modify a public water distribution system according to the procedures and conditions of the application number 88-207. The facility is located in Section 4, T29N, R68W, 1/4SWSW in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 ensures that the permitted facility, when constructed will meet applicable discharge permit conditions or other effluent or operational requirements.

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

William L. Garland  
Administrator  
Water Quality Division



Robert Wood  
Director  
Department of Environmental Quality

8-15-88

Date of Issuance

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



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



# Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

June 14, 1988

Mr. George T. Baxter  
1614 Bonneville  
Laramie, Wyoming 82070

RE: Permit to Construct Application Number 88-208

Dear Mr. Baxter:

The Department of Environmental Quality, Water Quality Division, has reviewed your application (# 88-208) concerning the septic system at S34, T16N, R78W, E $\frac{1}{2}$ , NE $\frac{1}{4}$ , Albany County. The Water Quality Division has determined that the septic system meets the minimum state standards for isolation distances to wells, property lines, seasonal high groundwater, etc. and that the septic tank is adequately sized. Since the septic tank and drainfield size cannot be determined without digging up the entire system, the department cannot evaluate if the system is sized correctly. However, based on 9 years of actual operating experience, the system appears to be adequately sized for current conditions of 2 people on seasonal usage. The affect of any increased wastewater quantity or quality or improper maintenance cannot be determined.

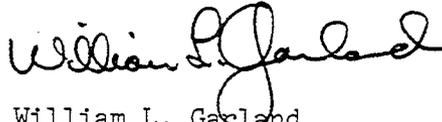
Nothing in this letter constitutes an endorsement of the construction or the design of the facility described herein. This letter indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way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

F. Baxter  
1988

page 2

Since a permit to construct cannot be issued for as-built wastewater treatment facilities, this letter will serve as your final approval document.

Sincerely,



William L. Garland  
Administrator  
Water Quality Division

WLG/DM/jn

cc: Mike Casey, Albany County Planning

RF ✓

LAND APPLICATION PERMIT

PERMIT NO. 88-209  
\*CONDITIONS ON PERMIT\*

Amoco Wertz and Lost Soldier Field

This permit hereby authorizes the applicant:

Amoco Production Company  
P O Box 2520  
Casper, WY 82602

to land apply 1,000 barrels of tank bottom sludges from the Wertz and Lost Soldier fields to road surface owned by Amoco. This is a continuation of permit number 86-436. The application site is located in S1 and S10, T26N, R90W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of one year (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 standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state 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.

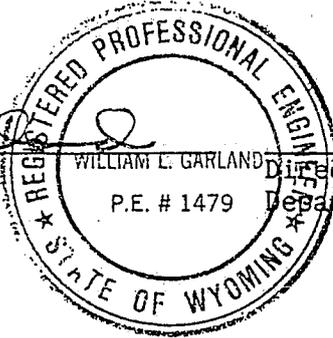
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site at the above location, for the purpose of compliance with the provisions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

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 E. Garland*  
Administrator  
Water Quality Division



*Rudolph Wood*  
Director  
Department of Environmental Quality

6-14-88

Date of Issuance

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

CONDITIONS ON PERMIT #88-209

1. The application site slope shall not exceed 8 percent for vehicular application.
2. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
3. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Jack Bedessem or Bill Locke, 210 Lincoln Street, Lander, Wyoming 82520, phone number 332-3144, 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.
4. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed as it is applied. Wastes will not be applied when temperatures are too cold to facilitate good incorporation into the road surface.

LAND APPLICATION PERMIT

Permit No. 88-210  
SEE SPECIAL CONDITIONS

MARTIN SPRINGS AREA DUST CONTROL  
(Name of Facility)

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

Maxus Exploration Company

P. O. Box 2530

Mills, Wyoming 82644

to land apply produced water to roads for dust control. The application site is located in Section 5, T.36N., R.74W., in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of six (6) months 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 standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards 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 disposal method described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

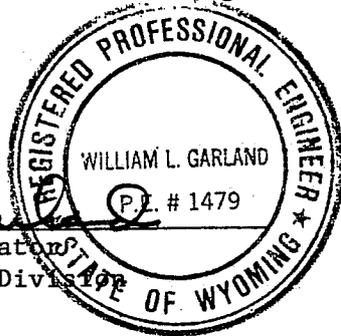
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site at the above location, for the purpose of compliance with the provisions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

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 regulations.

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



*R. L. Wood*  
Director  
Department of Environmental Quality

5-31-88

Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

1. Produced water 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. Water shall not be applied during the period from November 1 to April 30.
2. Produced water application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
3. This permit is in effect for a period of six months from the date of issuance. Any water application after that time period must be repermited.
4. This permit is contingent on the applicant receiving approval from the appropriate Federal agency should application occur on Federal lease roads, or if water is used from Federal leases.

xc: BLM - Platte River Resource Area  
815 Connie Street  
P. O. Box 2420  
Mills, Wyoming 82644



OF WYOMING



SULLIVAN  
GOVERNOR

## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

June 20, 1988

Mary A. Bloomstran  
442 DeFrame Court  
Golden, Colorado 80401

RE: In-Situ Coal Gasification Project  
Carbon County, Wyoming  
88-211

Dear Ms. Bloomstran:

Your application is considered inactive and is being re-  
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 you wish to reconsider construc-  
tion of this facility, then application procedures pursuant to Chapter III, Water  
Quality Rules and Regulations, must be followed.

Sincerely,

William L. Garland  
Administrator  
Water Quality Division

WLG/RL/jn

*Handwritten vertical mark or signature*

88-211

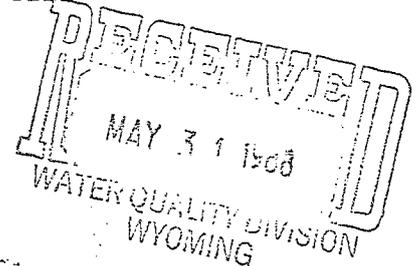
**ENERGY INTERNATIONAL, INC.**

135 William Pitt Way  
Pittsburgh, Pennsylvania 15238

May 29, 1988

Please Reply to:  
442 DeFrame Court  
Golden, Colorado 80401  
(303) 279-3221

Mr. Randy Wood  
Director  
Wyoming Department of Environmental Quality  
Herschler Building  
Cheyenne, Wyoming 82002



Dear Mr. Wood:

Attached for review by the Water Quality Division, is an evaporation pond permit application for Energy International's ammonia plant. The permit application has been prepared according to guidelines published by the division, and the design incorporates a double liner design with monitoring wells and an under drain. We believe that the design is more than adequate to assure that the operation of the ponds do not pose a threat to groundwater in the immediate vicinity of the ammonia plant site.

As you are well aware, Energy International will likely not construct any of the ponds contained in this permit application. Our desire is to install an underground injection control well for disposal of plant waste waters. However, given our considerable time constraints for construction start-up, permits for the ponds should allow us to begin construction earlier than if we pursue the UIC permit at this time. We intend to inform the Wyoming Industrial Siting Council that our intent is to dispose of plant waste water through injection, rather than use of the evaporation ponds.

If you or your staff has questions, or if you need further information, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "Mary A. Bloomstran".

Mary A. Bloomstran



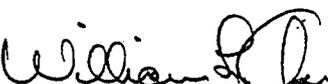
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

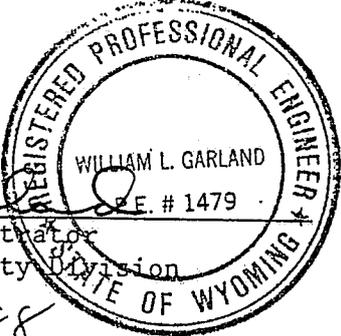
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

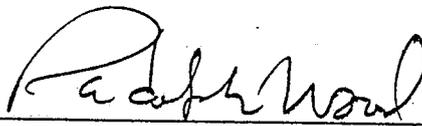
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
6-14-88  
Date of Issuance



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

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



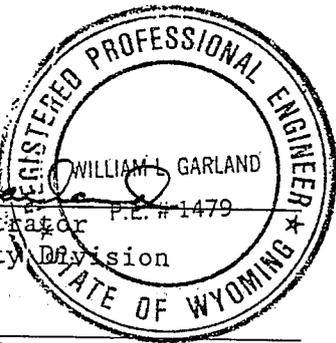
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

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

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

AUTHORIZED BY:

  
William L. Garland  
Administrator P.E. #1479  
Water Quality Division  
7-15-88  
Date of Issuance

Ralph Wood  
Director  
Dept. of Environmental Quality

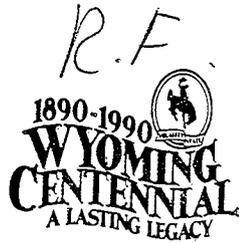
This permit does not supercede the requirements for obtaining any permit from local agencies.



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR

88-215



## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

October 19, 1988

Colonel Gilmore M. Dahl  
CSG/CC  
F.E. Warren AFB, WY 82005-5000

RE: Building 286 Sewage Hookup, Section 26, T14N, R67W, SW NW NE ¼

Dear Colonel Dahl:

Your 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 and Regulations, must be followed.

Sincerely,

William L. Garland  
Administrator  
Water Quality Division

WLG/DM/jt

PERMIT TO CONSTRUCT

PERMIT NO. 88-216  
See Conditions

X New  
Renewal  
Modified

Christensen Ranch Production Unit 3

This permit hereby authorizes the applicant:

Malapai Resources Company  
P O Box 9950  
Casper, WY 82609

to construct, install or modify 400 injection/production wells on the Christensen Amendment Area to the Irrigary ISL according to the procedures and conditions of the application number 88-216. The facility is located in S7, T44N, R76W in the county of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) (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 ensures 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.

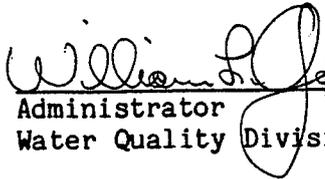
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

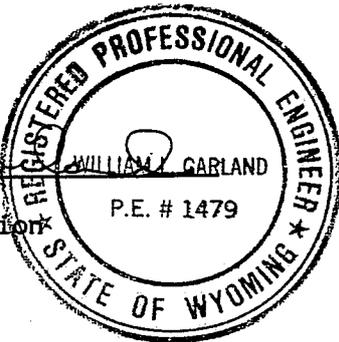
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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.

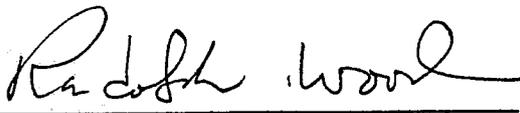
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



REGISTERED PROFESSIONAL ENGINEER  
WILLIAM GARLAND  
P.E. # 1479  
STATE OF WYOMING

  
Director  
Department of Environmental Quality

6-8-88  
Date of Issuance

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

#### Conditions to Permit 88-216

1. This permit allows for the drilling of up to 400 injection/production wells on the Christensen Ranch Amendment area to the Irrigary permit to mine #479. This drilling may be done prior to the issuance of the final amendment.
2. This permit to construct in no way obligates Water Quality Division or Land Quality Division in the final disposition of the amendment to Permit to Mine #479. Malapai Resources agrees that the Department of Environmental Quality still retains its statutory authority to issue that amendment, to require changes in the amendment paperwork, or to reject the amendment application.
3. All wells drilled under this permit shall be constructed of 4" to 6" PVC Schedule 40, yellowmine ductile PVC in SDR 17 or heavier, or fiberglass reinforced plastic pipe as shown in the amendment documents.

All wells will be constructed by cementing this casing solidly from the top of the ore zone to the surface. Procedures being used under permit to mine #479 and outlined in the amendment documents shall be employed.

4. All wells drilled under this permit shall have a Mechanical Integrity Test (MIT) run using the standard packer test as done presently under Permit to Mine #479. The results of all MIT's shall be forwarded for all wells drilled under this permit within 60 days of final issuance of the amendment to Permit to Mine #479. All wells which fail the MIT shall be repaired or properly abandoned and replaced. Under this permit, to properly abandon a well requires that the casing be reamed out from the top of the upper confining layer through the base of the upper confining layer and the well be filled with hole abandonment fluid as presently done under Permit to Mine #479.
5. Malapai Resources shall run a single point resistance log inside the casing of any well that fails an MIT. These logs shall be submitted with the final

Conditions to Permit 88-216 (continued)

report.

6. In the case where the amendment were to be denied, Malapai agrees to plug all wells drilled under this permit within one year of the date when all appeals to that decision have been exhausted.

nj

PERMIT TO CONSTRUCT

PERMIT NO. 88-217  
See Conditions

X New  
Renewal  
Modified

MAN-CAMP

This permit hereby authorizes the applicant:

Community Alternatives of Casper  
P O Box 591  
Mills, WY 82644

to construct, install or modify mounded septic system according to the procedures and conditions of the application number 88-217. The facility is located in S19, T34N, R80W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 ensures 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.

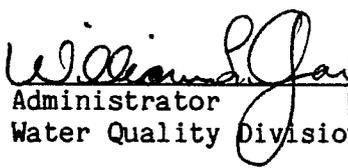
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Department of Environmental Quality

9-22-88  
Date of Issuance

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

Conditions to Permit to Construct #88-217

The permittee shall notify Ken Hoff, Natrona County Health Department, 1200 East 3rd, Casper, Wyoming 82601-2990, phone number 235-9316, of the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling. At least one working day (24 hours) notice is required prior to backfilling.

cc: Ken Hoff



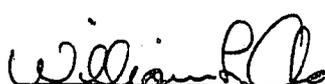
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

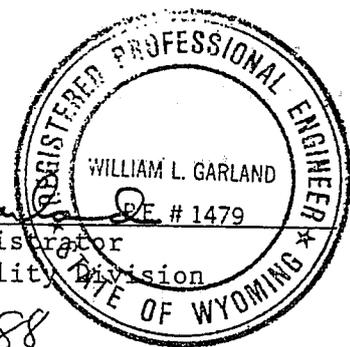
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
Administrator  
Water Quality Division  
6-14-88  
Date of Issuance



  
Director  
Dept. of Environmental Quality

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

CONDITIONS ON PERMIT

1. Contact the Teton County Sanitarian, Dick Worl, at least 48 hours prior to construction to make arrangements for an inspection.

PERMIT TO CONSTRUCT

PERMIT NO. 88-219

- X New
- Renewal
- Modified

UNION PACIFIC RAILROAD PILOT FACILITIES SEPTIC SYSTEM

This permit hereby authorizes the applicant:

Gary Honeyman  
Union Pacific Railroad  
P O Box B  
Laramie, Wyoming 82070

to construct, install or modify a commercial septic system according to the procedures and conditions of the application number 88-219. The facility is located in Section 5, T15N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 ensures 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.

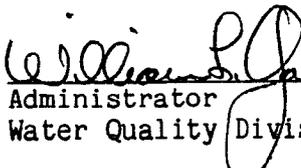
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

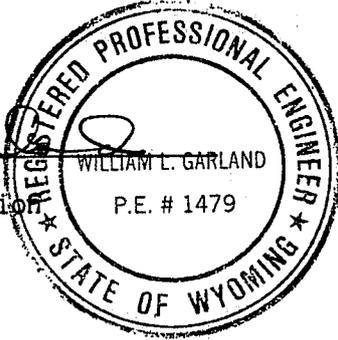
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

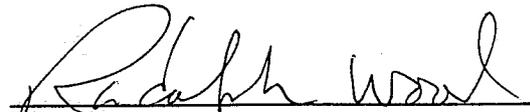
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Department of Environmental Quality

7-20-88  
Date of Issuance

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

R.F.

PERMIT TO CONSTRUCT

PERMIT NO. 88-220  
SEE SPECIAL CONDITIONS  
Ref. # 87-319

New  
X Renewal  
Modified

TENNECO TEMPORARY WASTEWATER DISPOSAL FACILITIES

This permit hereby authorizes the applicant:

Tenneco Oil Company  
P. O. Box 3429  
Englewood, Colorado 80155

to construct, install or modify temporary sanitary wastewater disposal facilities at drill location and off-site associated camps according to the procedures and conditions of the application number 87-319. The facility is located Statewide, in the State of Wyoming. This permit shall be effective for a period of two (2) years (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 ensures 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.

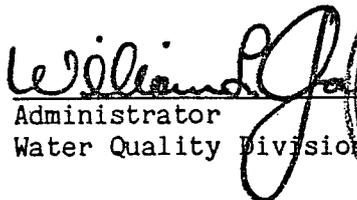
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

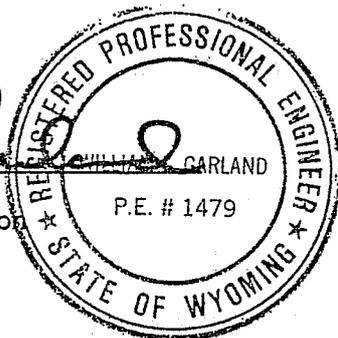
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Department of Environmental Quality

6-13-88  
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT 88-220 (Ref. 87-319)

1. The permittee shall notify both the appropriate county and state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the state to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.
2. The permit is valid for temporary sanitary wastewater facilities only. Temporary being defined as one year or less. If the proposed facility is to be operated for more than one year, the permittee must obtain written authorization from the department and the appropriate county agency.

cc: Delegated Counties  
District Offices

12. F.

LAND APPLICATION PERMIT

Permit No. 88-221

Cottonwood Creek  
(Name of Facility)

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

Amoco Production Co.

P.O. Box 569

Powell, WY 82435

to land apply waste oil from a storage tank onto a road.

The application site is located in Section 12, 13, 14, 23, T47N, R91W

in the County of Washakie, in the State of Wyoming. This permit shall be effective for a period of 4 months ~~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 standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

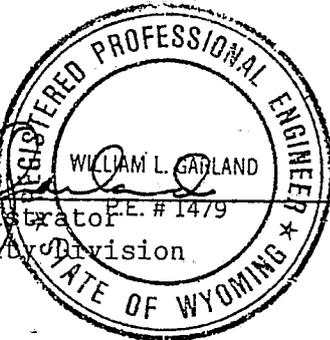
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way guarantee the performance of, the permittee in the 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 disposal method described herein. By the issuance of this permit, the state does not in any way waive its sovereign immunity.

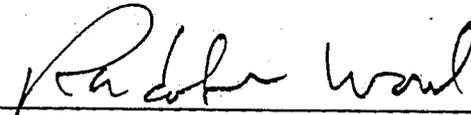
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site at the above location, for the purpose of compliance with the provisions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

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

  
Director  
Dept. of Environmental Quality

7-15-88

Date of Issuance

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

CONDITIONS ON PERMIT

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 percent for vehicular application.
3. Waste oil 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, Steve Gerber, 210 Lincoln St., Lander, Wyoming, 82520, phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much sludge will be applied, and time of application.
5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed as it is applied. Application must be completed prior to October 1, 1988.



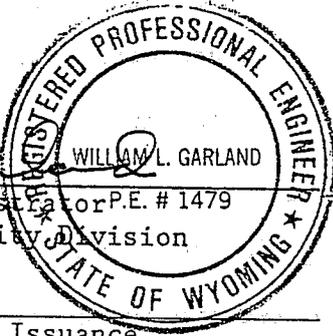
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

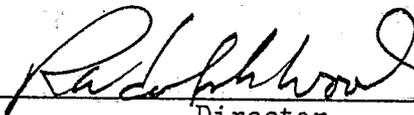
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:

  
WILLIAM L. GARLAND  
Administrator P.E. # 1479  
Water Quality Division  
  
7-7-88  
Date of Issuance

  
Director  
Dept. of Environmental Quality

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



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756  
FAX (307) 634-0799

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

August 6, 1990

Gyorvary Mining Company, Inc.  
Stephen Gyorvary  
Mary Ellen Gold Mine  
85 Pickaxe Road  
Box 180  
Route 62  
Atlantic City, WY 82520

RE: Permit to Mary Ellen Gold Mine (Application 88-223)

Dear Stephen:

Your previous 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 as originally outlined in application #88-223.

This project #88-223 has not been permitted. However, 90-149 has been approved and a portion of 88-223 is included with 90-149, therefore please find one copy of the approved 90-149 permit and the copies of 88-223 enclosed.

If you have any questions please call Carol Pfarr at 777-7085.

Sincerely,

William L. Garland  
Administrator  
Water Quality Division

WLG/CWP/jt

xc: Jerry Raisch, 1720 14th Street, Suite 200, Boulder, CO 80306  
Jake Strohmman, DEQ/WQD, Cheyenne  
Steve Gerber, DEQ/WQD, Lander

11MAD/00720



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR

*Please mark as  
a review*



## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

March 19, 1990

Jerry W. Raisch  
Vranesh and Raisch  
PO Box 871  
Boulder, CO 80306

RE: Permit to Construct 88-223 Mary Ellen Gold Mine

Dear Mr. Raisch:

In response to your letter of March 1, 1990. The water quality results, that were submitted are actually for mine shaft water and can not be considered a representative groundwater sample.

The Department of Environmental Quality Water Quality Division (DEQ/WQD) has installed several monitoring wells in the vicinity of Atlantic City and the results indicate that arsenic ranges from .011 - .036 mg/l in the ground water. The arsenic levels are within the prescribed established limits of Chapter VIII, Class One, domestic use.

A review of the State Engineers files also indicates that the use of the wells in Sections 11, 12, 13, and 14, of T29N, R100W, is primarily domestic use (enclosed list). Under Chapter VIII, Section 3(c), Protection shall be afforded all underground water bodies (including water in the vadose zone). Water being used for a purpose identified in the Environmental Quality Act, W.S. 35-11-102 and 103(c)(i) shall be protected for its intended use and uses for which it is suitable. Water not being put to use shall be protected for all uses for which it is suitable.

The standards are prescribed to protect the natural quality of the underground water. The use of the underlying aquifer is domestic use, and is Class I, therefore, the presence of carbon disulfide in the wastewater, not to mention the other organics that have not been identified, would clearly change class of use and degrade the ground water.

The process wastewater lab report showed a TOC background of 4 mg/l. The lab report indicated a total TOC of 85 mg/l. Amyl alcohol and carbon disulfide equal 5.7 mg/l. The background of 4 mg/l and the 5.7 mg/l total approximately 10 mg/l and the total TOC was 85 mg/l. Therefore, there are 75 mg/l of additional organics that have not been identified.

Further, the Determination of Harmful Quantities for Hazardous Substances (mentioned in Chapter VIII Section 4.d.(5)), refers to carbon disulfide as a pure grade substance with a reportable spill quantity of 5000 lbs and does not have any bearing with respect to the solids and/or dissolved quantity in ground water. This section of Chapter VIII also states that Class I, II, III, underground water shall not contain any hazardous or toxic materials which will impair its use. This is not limited to federally defined "hazardous substances". The reportable quantity for spills for this substance has been reduced to 100 lbs.

Hence, a liner is still required since the waste water characteristics will not ensure the protection of groundwater for Class I use.

It appears to be Mr. Gyorvary's intention to construct the pond with a bentonite liner, however, a bentonite liner will have some seepage and according to Chapter XI Part C, Section 7, (f)(i), the seepage through the pond bottom and side walls shall not cause a violation of the groundwater standards as described in Chapter VIII (Quality Standards for Wyoming Groundwaters) of WDEQ Rules and Regulations. Liners shall be required if the wastewater characteristics or site conditions will not insure the protection of the groundwater for which it is classified. The seepage in this case would cause a violation, therefore, a bentonite liner alone will not be permitted.

The applicant can demonstrate that the facility to be constructed will not allow a direct or indirect discharge to groundwater can be presented in various ways:

- 1) Synthetic liner, leak detection system, monitor network, and contingency plan,
- 2) Synthetic liner, leachate collection system, pump back system, and monitor network, or
- 3) Bentonite liner, leachate collection and pump back system, and monitor network.

The following checklist applies to construction information requirements:

- 1) Synthetic Liner:
  - a) composition, thickness, and manufacturer;
  - b) seam reliability;
  - c) methods for making repairs;
  - d) durability, strength, heat and chemical resistance, puncture, tear, and creep limitations;
  - e) compatibility with the wastewater;

- f) What is the potential for failure due to wave action, floating ice, pressures for ice expansion, sunlight, wind, freeze-thaw cracking, thermal stress, hydrostatic pressure, abrasion, and differential settling;
- g) credentials of the contractor;
- h) subsurface specifications;

2) Leachate Collection System and Leak Detection System:

A) Underlying pipe network:

- a) design and specifications of the underlying pipe network;
- b) pipe specifications;
- c) pipe spacing;
- d) minimum grades;
- e) synthetic underlying or substrate specifications;
- f) geology of the underlying existing substrate;
- g) permeability of the underlying substrate or liner;
- h) permeability of pipe bedding material;
- i) sump or other collection system for monitoring and removing fluids;
- j) reliability to the system to collect leachate;
- k) compatibility of the pipe material, geomembranes, and perforations with the waste

B) Sensors

- a) suction lysimeter;
- b) neutron source/detector;
- c) resistance block;
- d) heat dissipation
- e) capacitance;
- f) earth resistivity;

C) Pumpback trench and/or pumpback wells

- a) design and specifications of the pumpback trench and/or wells;
- b) hydrogeologic data, including aquifer test data, used in designing the location and depth of trenches and pumpback wells;
- c) design and specifications of the monitor network used to measure the effectiveness of the leachate collection system;
- d) monitor program.

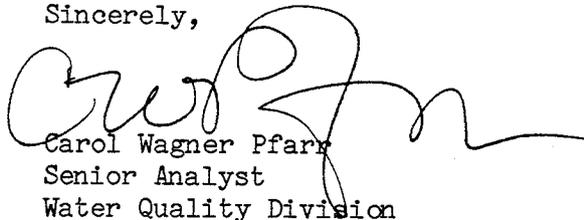
This application has been under review for almost two years. The issues to my knowledge have continued to be the same:

- 1) Determine the classification and use of existing groundwater. The quality was determined to be Class I, and the use is domestic. The classification has never changed and yet there is still some debate. I hope that we can all finally agree to Class I, domestic use.

- 2) It took a very long time for the process wastewater results to be submitted, this information was needed to ensure the quality of wastewater would not adversely affect groundwater. The results indicate organics of which only some have been identified. Hence, the wastewater will adversely affect the groundwater and a liner is required. A bentonite liner is not acceptable because bentonite liners will leak and can not protect groundwater to the same degree a synthetic liner will.

Larry Robinson, Bill Garland and myself are available at your convenience for a telephone conference call. I wanted to reply in writing to your letter before the telephone conference. Please call me at 307-777-7085 or Larry at 777-7075 to arrange a convenient time.

Sincerely,



Carol Wagner Pfarr  
Senior Analyst  
Water Quality Division

CWP/mad  
Enclosures

cc: John Gyorvary, 9036 Stansberry Ave., St. Louis, MO. 63134  
Steve Gyorvary, Mary Ellen Gold Mine, 85 Pickaxe Road, Box 180 Rt 62,  
Atlantic City, WY 82520  
Jake Strohman, DEQ/WQD

RF.



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



# Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756  
FAX (307) 634-0799

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

February 20, 1990

Gyorvary Mining Co., Inc.  
Stephen Gyorvary  
Mary Ellen Gold Mine  
85 Pickaxe Road  
Box 180 Rt 62  
Atlantic City, WY 82520

RE: Application for Permit to Construct a Wastewater Pond at the Mary Ellen Gold Mine (88-223)

Dear Stephen:

The process test water analyses received from Huffman Laboratories does show significant levels of both amyl alcohol and carbon disulfide. It is my understanding that the wastewater was simulated and the results are the best estimate of what would be found after the process was completed.

The results indicate that the decomposition products, amyl alcohol and carbon disulfide are expected to be in the process wastewater. In terms of permitting this facility the quality of the wastewater can not cause any violation of groundwater standards and the analyses clearly indicates that carbon disulfide will be present in the wastewater and the possibility exists that the compound will impact groundwater.

The reason for this conclusion is because carbon disulfide is a known hazardous substance and is soluble in water. Wastewater lab analyses is 4.3 milligrams/liter (4300 micrograms/liter) and the EPA suggested permissible ambient goal for carbon disulfide is 830 micrograms/liter. This clearly is an increase in background ambient water quality and exceeds the EPA recommendation.

A surface discharge of 4.3 milligrams/liter of carbon disulfide will cause a groundwater violation, therefore, the pond can not be constructed as submitted in the application.

As provided for in the DEQ/WQD rules and regulations, applications for permit to construct this type of facility must show one of the following:

- 1) the facility construction will not allow a discharge to groundwater, by direct, or indirect discharge, percolation or filtration (the application does not meet this criterion); or

- 2) the quality of the wastewater will not cause a violation of groundwater standards (the wastewater does exceed some background ambient water quality and carbon disulfide is a hazardous substance); or
- 3) existing soils or geology will not allow a discharge to groundwater (the application did not adequately address this area).

In order to meet Item 1, above, the facility could be constructed in a way that would not allow a direct or indirect discharge to groundwater. This could be achieved by a liner, leachate collection system, and monitoring network.

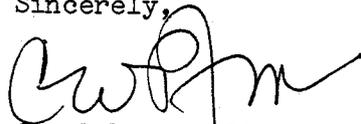
Item 2 can not be met because of carbon disulfide levels in the wastewater.

Information regarding Item 3 was not included in the application.

In summary, the wastewater will adversely affect the groundwater therefore, the pond can not be permitted as proposed. The pond will have to be constructed in such a way that will not affect groundwater (i.e. liner).

If you have any questions please call or a meeting could be arranged to discuss this issue further. Thank you for submitting the analyses of the wastewater and I look forward to hearing from you.

Sincerely,



Carol Wagner Pfarr  
Senior Analyst  
Water Quality Division

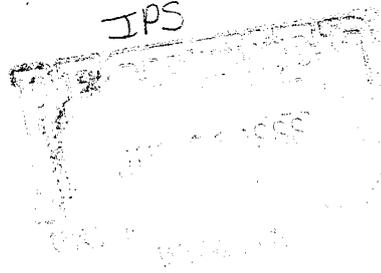
CWP/jt

xc: John L. Gyorvary, 9036 Stansberry Ave., St. Louis, MO 63134  
Jerry Raisch, 1720 14th Street, Suite 200, Boulder, CO 80306  
Jake Strohmman, DEQ/WQD

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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



PROJECT: Mary Ellen Mine

ENGINEER: C. E. Spurlock & Associates  
P. O. Box 0  
Lander, Wyoming 82520

OWNER: Gyrovary Mining Co., Inc.  
P. O. Box 180, Route 62  
Lander, Wyoming 82520

WATER QUALITY DIVISION REFERENCE NUMBER: 88-223

REVIEWING ENGINEER: Steven P. Gerber, P.E. SPG by ~~ALT~~

DATE OF REVIEW: July 15, 1988

ACTION: Not authorized.

COMMENTS:

A review of the above referenced project has been completed. The following items must be addressed and/or resolved before a permit can be issued:

1. The reclamation plan suggests that sludge in the reservoir may be left in place should the analysis came back 'questionable'. The sludge has to be disposed of in a manner approved by the DEQ.
2. A 'Permit to Construct' will not be required for the Tailings Impoundment dikes since it is located directly above the reservoir. However, an interceptor ditch must be constructed along the south and east dikes to ensure that no water will reach the Drainage Diversion Ditch should the Tailings Impoundment dike fail. Provide computations showing that the interceptor ditch has been adequately sized to carry all the water should such a failure occur. Also provide computations to show that the reservoir will not overflow when both impoundments are at the high water elevations.
3. Following are comments submitted from our groundwater section as a result from their review:
  - a. The quality of the wastewater in the tailings pond and reservoir has not been submitted. The addition of xanthate, pine oil and trona combined with the solubility of the ore soils will probably increase TDS and other parameters to Class IV. Also the pine oil and trona will more than likely increase the organic content in the tailings and pond water. Therefore the applicant needs to

document that the facility poses no threat to groundwater which is Class I. The applicant must provide the quality of the tailings wastewater to Table I of Chapter VIII plus TOC and leachate tests including Aluminum, Iron, Manganese, Molybdenum which will demonstrate no threat to groundwater.

- b. If the analysis shows that the wastewater does pose a threat to groundwater a subsurface investigation can be performed in accordance with Chapter III, section 15 to determine if other alternatives are available.
  - c. If applicant elects not to perform the above analysis or a subsurface study in accordance with Chapter III, then the groundwater shall be protected from contamination by lining both the tailings pond and reservoir with a synthetic liner and leak detection system.
4. Provide a contingency plan which will outline the actions and steps to be taken should a pond leak occur.

Submit the requested information in triplicate. Be sure to include the Water Quality Reference Number that appears on this review sheet in a cover letter or transmittal sheet. If you have any questions do not hesitate to contact me.

SG:ah  
copy: Plans (3)  
File (2)

RFV

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 88-224R

BUCKINGHAM SMALL WASTEWATER FACILITY  
 (Name of Facility)

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

David & Mary Ellen Buckingham

P. O. Box 159

Hulett, Wyoming 82720

to construct, install, or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 88-224R. The facility is located in Section 7, T.54N., R.64W., in the County of Crook, 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 ensures 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.

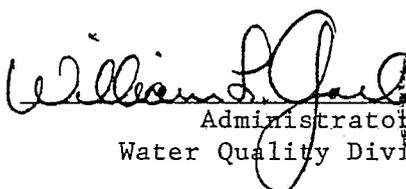
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

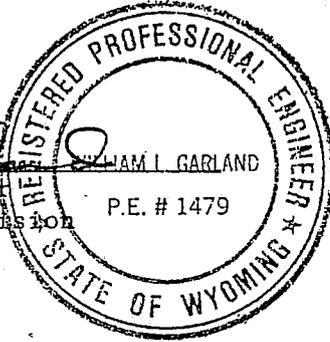
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 501, Sheridan, Wyoming 82801; telephone, 672-6457.

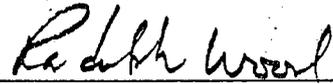
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



  
Director  
Department of Environmental Quality

6-24-88  
Date of Issuance

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



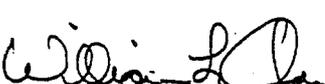
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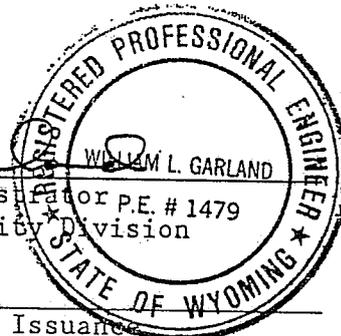
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

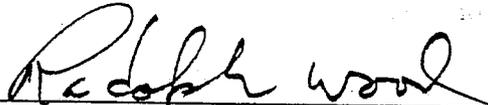
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

  
\_\_\_\_\_  
Adminisrator P.E. # 1479  
Water Quality Division  
7-7-88  
Date of Issuance



REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
STATE OF WYOMING

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

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



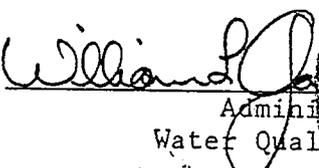
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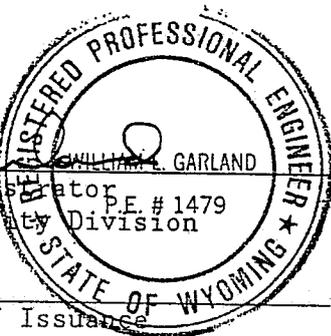
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AUTHORIZED BY:

  
\_\_\_\_\_  
Adminisrator  
Water Quality Division  
7-7-88  
Date of Issuance



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

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

STANDARD STATEWIDE CONDITIONS

1. The permittee shall notify both the appropriate county and state agency prior to the installation, removal or abandonment of any facility authorized by this permit. The appropriate agency for each county is indicated in the attached list. Notification shall be by phone with a follow-up written notice. Upon abandoning the site, the facility will be removed, disposed of, or left in place in a condition rendering the site safe for the public. Any waste from the facility shall be disposed of only in areas and in a manner approved by the appropriate agency. Upon request, the permittee shall allow authorized representatives of the local agency or the State to have access to the authorized facility for the purpose of conducting an inspection to determine compliance with the provisions of this permit.

2. This permit is valid for temporary sanitary wastewater facilities only. Temporary being defined as one year or less. If the proposed facility is to be operated for more than one year, the permittee must obtain written authorization from this department.

AGENCIES RESPONSIBLE FOR SMALL WASTEWATER PERMITS

1. Albany Co.  
Albany Co. Planning Office  
405 Grand Ave.  
Laramie, WY 82070  
Phone: (307) 721-5288
2. Big Horn County  
DEQ/WQD District Supervisor  
Lander
3. Campbell County  
Campbell County Engineer  
500 South Gillette Ave.  
Gillette, WY 82716  
Phone: (307) 682-1970.
4. Carbon County  
DEQ/WQD District Supervisor  
Cheyenne
5. Converse County  
Converse County Sanitarian  
Converse County Health Dept.  
530 Oak  
Douglas, WY 82633  
Phone: (307) 358-2536
6. Crook County  
DEQ/WQD District Supervisor  
Sheridan
7. Fremont County  
Fremont County Planner  
Room 200, County Courthouse  
Lander, WY 82520  
Phone: (307) 332-5371
8. Goshen County  
Goshen County Sanitarian  
P.O. Box 1132  
County Courthouse  
Torrington, WY 82240  
Phone: (307) 532-5002
9. Hot Springs County  
Hot Springs County Planner  
County Courthouse  
Thermopolis, WY 82443  
Phone: (307) 864-2732
10. Johnson County  
Johnson County Sanitarian  
County Courthouse  
Buffalo, WY 82834  
Phone: (307) 684-7555
11. Laramie County  
Laramie Co. Environmental  
Health  
1700 Snyder Ave.  
Cheyenne, WY 82001  
Phone: (307) 638-8545
12. Lincoln County  
Lincoln County  
Office of Planning &  
Development  
P.O. Box 414  
Afton, WY 83110  
Phone: (307) 886-3825
13. Natrona County  
Natrona County Health Dept.  
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DEQ/WQD District Offices

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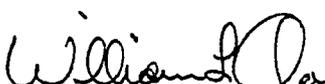
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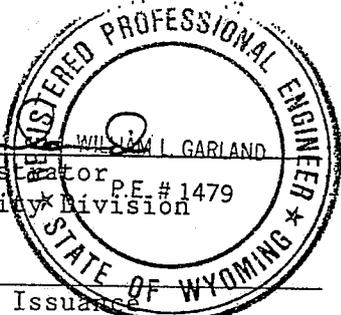
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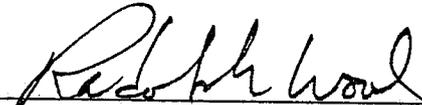
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AUTHORIZED BY:

  
\_\_\_\_\_  
WILLIAM L. GARLAND  
Administrator P.E. #1479  
Water Quality Division  
7-7-88  
Date of Issuance



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

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|--|---|

DEQ/WQD District Offices

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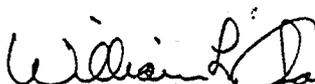
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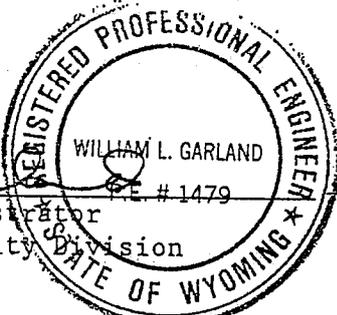
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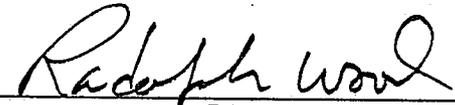
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AUTHORIZED BY:

  
\_\_\_\_\_  
Administrator  
Water Quality Division  
7-7-88  
Date of Issuance



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

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AUTHORIZED BY:

  
Admin.istrator  
Water Quality Division  
7-7-88  
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
PE #1479  
STATE OF WYOMING

  
Director  
Dept. of Environmental Quality

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RF

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 88-230

DENNIS SMALL WASTEWATER FACILITY  
 (Name of Facility)

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

Billy O. Dennis

P. O. Box 32

Hulett, Wyoming 82720

to construct, install, or modify a small wastewater treatment facility according to the procedures and conditions of the application No. 88-230. The facility is located in Section 7, T.54N., R.64W., in the County of Crook, 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 ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

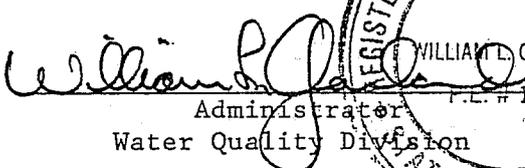
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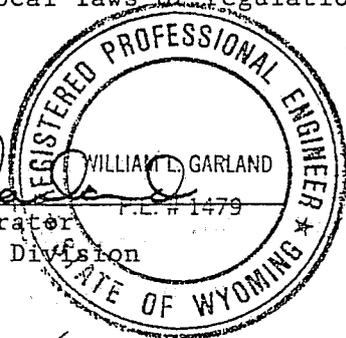
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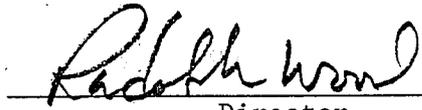
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AUTHORIZED BY:

  
Administrator  
Water Quality Division



REGISTERED PROFESSIONAL ENGINEER  
WILLIAM L. GARLAND  
P.E. # 1479  
STATE OF WYOMING

  
Director  
Department of Environmental Quality

6-24-88  
Date of Issuance

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

RF ✓

PERMIT TO CONSTRUCT

PERMIT NO. 88-231

- X New
- Renewal
- Modified

Reclamation Center Addition Transite Waterline Replacement

This permit hereby authorizes the applicant:

Town of Mills  
P O Box 789  
Mills, Wyoming 82644

to construct, install or modify public water distribution system according to the procedures and conditions of the application number 88-231. The facility is located in Section 12, T33N, R80W, 1/4 NE in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) (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 ensures 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.

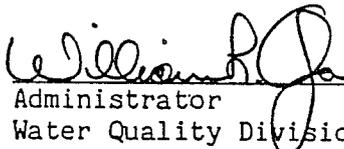
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

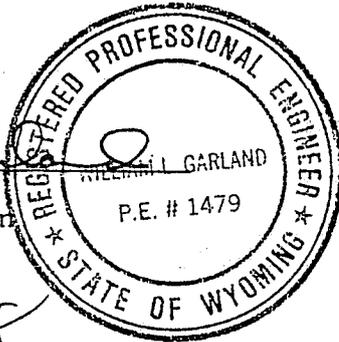
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division



  
Director  
Department of Environmental Quality

7-22-88

Date of Issuance

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

cc: Terry L. Titus  
Worthington, Lenhart,  
Carpenter & Johnson, Inc.  
632 South David  
Casper, Wyoming 82601



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



# Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

March 10, 1989

Mr. Brett Osborn  
B & B Tool and Supply Co., Inc.  
P O Box 2974  
Casper, WY 82602

RE: UIC permit application No. 88-232, Natrona County, Wyoming

Dear Mr. Osborn:

B & B submitted the referenced application under a cover letter dated June 9, 1988 to Robert Lucht of the Water Quality Division (WQD). Review comments within a letter dated July 8, 1988 indicated more information was necessary for the WQD to be able to issue the permit. These involved the area of review, location of physical features on all maps, and information on the geohydrological setting and ambient groundwater quality. Additional analytical sampling and results were requested. The WQD has received no response to date.

Due to the lack of response, the UIC permit is hereby denied. This does not relieve B & B of it's responsibilities for properly treating or disposing of the sump wastes. Alternatives available in waste disposal may include installing a non-discharging system, recycling, or disposal at a facility licensed to receive these wastes.

Because the TOC level in the previous analysis is of concern to the WQD, it was requested that additional samples be obtained and analyzed by EPA methods 624 and 625 to discern specific substances contributing to the TOC values. This request is still in effect. The WQD will accept analyses by EPA methods 601 and 602 instead of 624 and 625, but may require the latter two methods depending on the results.

Mr. Brett Osborn  
March 10, 1989  
Page 2

The results of the chemical analyses as described above are requested to be submitted within 60 days of receipt of this letter. Please feel free to call Robert Stites of this office at (307) 777-7781 if you have any questions or comments.

Sincerely,



William L. Garland  
Administrator  
Water Quality Division

WLG/RS/jt

cc: Robert F. Lucht, UIC Supervisor

R.F.

PERMIT TO CONSTRUCT

PERMIT NO. 88-233  
SEE SPECIAL CONDITIONS

X New  
Renewal  
Modified

Sinclair Pipeline Company

This permit hereby authorizes the applicant:

Sinclair Pipeline Company  
P O Box 185  
Sinclair, WY 82334

to construct, install or modify cathodic protection ground bed (deep well) according to the procedures and conditions of the application number 88-233. The facility is located in SW $\frac{1}{4}$ , S36, T34N, R80W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year (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 ensures 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.

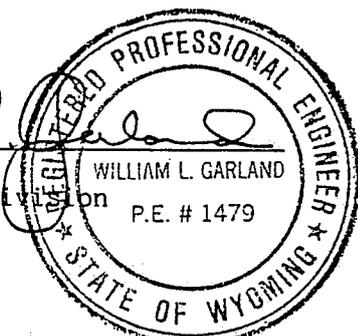
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

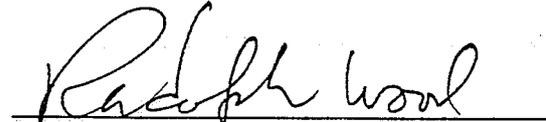
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
Administrator  
Water Quality Division  


  
Director  
Department of Environmental Quality

6-29-88  
Date of Issuance

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

#### CONDITIONS TO PERMIT TO CONSTRUCT #88-233

1. The Cathodic protection deep anode ground bed well shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 88-233.
2. After the deep anode ground bed well has fulfilled its useful purpose, it shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after the well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.
3. In addition to the anode bed construction information submitted with the permit application, the following items relating to well construction must be addressed when the well is installed:
  - a. Cement grout seal installed to a depth just above coke breeze.
  - b. The coke breeze backfill has a total organic content no greater than 0.2 percent.
  - c. All aquifers encountered while drilling shall be isolated with polymer mud to prevent co-mingling of different aquifers.

cc: Bill Spickelmire, CH2M Hill, P O Box 8748, Boise, ID 83707

/ve

PERMIT TO CONSTRUCT

- New  
 Renewal  
 Modified

Permit No. 88-234RR

TOWN OF PINE HAVEN  
WATER STORAGE AND DISTRIBUTION SYSTEM  
(Name of Facility)

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

Town of Pine Haven

Pine Haven Route

Moorcroft, Wyoming 82721

to construct, install, or modify a water storage and distribution facility according to the procedures and conditions of the application No. 88-234RR. The facility is located in Section 5, T.50N., R.66W. and Section 32, T.51N., R.66W., in the County of Crook, 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 ensures 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.

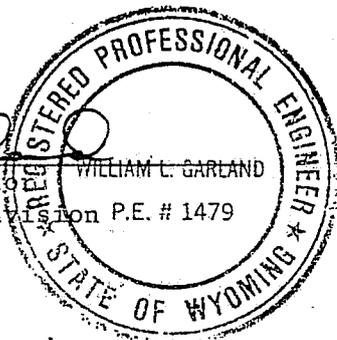
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 501, Sheridan, Wyoming 82801; telephone, 672-6457.

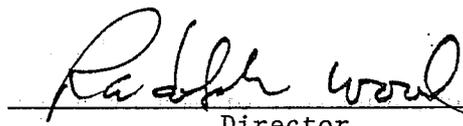
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



  
Director  
Department of Environmental Quality

7-7-88  
Date of Issuance

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

xc: Ralph W. Goodson  
Bearlodge, Ltd.  
P. O. Box 130  
Sundance, Wyoming 82729

RF ✓

PERMIT TO CONSTRUCT

PERMIT NO. 88-235  
SEE SPECIAL CONDITION

X New  
Renewal  
Modified

Komma Slaughter Facility

This permit hereby authorizes the applicant:

James Komma  
2025 Saber Road  
Casper, WY 82604

to construct, install or modify commercial septic system according to the procedures and conditions of the application number 88-235. The facility is located in S13, T33N, R80W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of two years (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 ensures 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.

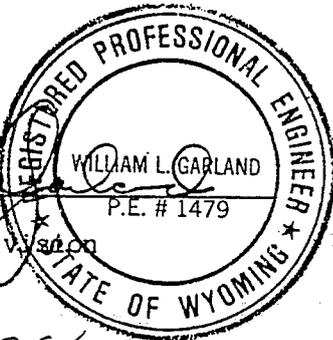
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

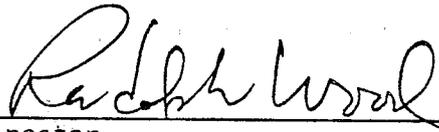
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

  
William L. Garland  
Administrator  
Water Quality Division

  
Director  
Department of Environmental Quality

6-30-88  
Date of Issuance

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

Condition to Permit to Construct #88-235

The well located 135 feet southwest of the proposed septic system shall be sampled every six months for total coliform, ph, nitrates, and chlorides. Two background samples shall be taken prior to using the septic system. The well data shall be submitted to the Water Quality Division within 30 days of taking the sample. Sample collection may be coordinated with water tests required by the Wyoming Department of Agriculture Meat Inspection Service.



THE STATE OF WYOMING

MIKE SULLIVAN  
GOVERNOR



## Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

July 28, 1988

City of Rawlins  
City Hall  
c/o Dave Clark, City Attorney  
Rawlins, Wyoming 82301

RE: Rawlins Nugget Well No. 1, 2 and 3 Miller Hill Wellfield, S2, T18N,  
R88W,  $\frac{1}{4}$ NW, DEQ/WQD Ref. No. 88-236

Dear Mr. Clark:

Your 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 and Regulations, must be followed.

Sincerely,

William L. Garland  
Administrator  
Water Quality Division

WLG/DM/jn



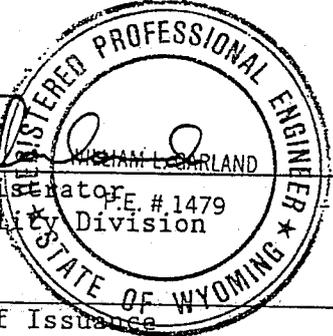
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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, 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. Barland  
Administrator, E. # 1479  
Water Quality Division  
7-7-88  
Date of Issuance

Rudolph Wood  
Director  
Dept. of Environmental Quality

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

file



THE STATE OF WYOMING



MIKE SULLIVAN  
GOVERNOR

# Department of Environmental Quality

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

Administration  
(307) 777-7937

Air Quality Division  
(307) 777-7391

Land Quality Division  
(307) 777-7756

Solid Waste Management Program  
(307) 777-7752

Water Quality Division  
(307) 777-7781

November 1, 1988

Jeffrey B Groy  
Davis, Graham & Stubbs  
P. O. Box 185  
Denver, CO 80201-0185

RE: DEQ/WQD 88-238 thru 88-250

Dear Mr. Groy:

Because the above applications were received as part of a CERCLA site, we cannot require a permit for the monitoring wells. We are closing out our files and this application is no longer considered pending.

Concerning the WQD ability to require permits for monitoring wells as opposed to the State Engineers office, I am referring your letter to the Attorney Generals office for an appropriate response.

Sincerely,

Thomas S. Norman  
Southeast District Supervisor  
Water Quality Division

TSN/mad

cc: Steve Jones (w/ltr)