

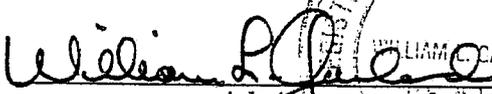
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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted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

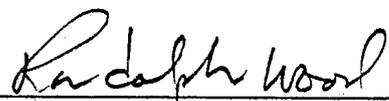
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AUTHORIZED BY:


Administrator # 1479
Water Quality Division

02-09-87
Date of Issuance


Director
Dept. of Environmental Quality

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

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: Sulphur Creek Enlargement-Sedimentation Control

ENGINEER: Joe Lord
Banner Associates, Inc.
P.O. Box 550
Laramie, WY 82070-0550

OWNER: City of Evanston
P.O. Box 130
Evanston, WY 81920

WATER QUALITY DIVISION REFERENCE NUMBER: 86-445 through 86-451

REVIEWING ENGINEER: Bill Locke, P.E. *BL*

DATE OF REVIEW: December 8, 1986

ACTION: Not authorized.

COMMENTS:

A preliminary review of the above referenced plans and specifications has been completed. The following items must be addressed before a permit to construct will be issued:

1. Please provide design calculations for the 10 year-24 hour and 25 year-24 hour storm runoff volumes.
2. Please provide a topographic map of the entire area so that a more thorough review can be completed.
3. Wyoming Water Quality Rules and Regulations (WWQRR), Chapter XI, Part C, Section 31 requires that all facilities greater than 20.0 ac-ft. must have a spillway capable of passing a 100 year flood event. The Sulphur Cofferdam Sedimentation Reservoir falls into this category, and therefore this issue must be addressed.
4. Impoundments of 2.0 surface acres and larger are required to have inner dike slope protection. Slope protection has been eliminated from this project. Please provide wave run-up calculations supporting this decision.
5. Sizing calculations and details (cross sections) are required for all on-site and off-site run-off collection and diversion ditches. On-site collection ditch shall be designed for the same storm event as the sedimentation ponds. Off-site diversion ditches shall be designed for a 25 year-24 hour storm event.
6. Please provide an explanation of the operation of the standpipe plugs and pond dewatering procedures.

review of Plans & Specs.
Ref. No. 86-445 through 86-451
Page Two

7. All plans and specifications must be stamped and/or signed by the engineer. This should be the same engineer whose name appears on the application form.

Please resubmit the required information to this office in triplicate. Be sure to include the Water Quality Reference Number that appears on this review sheet in a cover letter or transmittal sheet. Should you have any questions or comments, please contact this office.

BL/jw

R7



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 18, 1986

Kurt Grabow
Banner Associates
P O Box 550
Laramie, WY 82070-0550

RE: Laramie East Campus Drainage Storm Sewer, DEQ/WQD Ref. No. 86-452

Dear Mr. Grabow:

The Department of Environmental Quality, Water Quality Division has reviewed your plans concerning the Laramie East Campus Drainage Storm Sewer project. We have determined that this project does not require a permit to construct provided that the water and sewer separation requirements are met according to the Water Quality Rules and Regulations. The plans are being returned.

Please call if you have any questions.

Sincerely,

Thomas S. Norman
Southeast District Supervisor

TSN/nc



Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

November 24, 1986

Allen R. Rechnagel
Delta Environmental Consultants, Inc.
1775 Highway 8, Suite 104
New Brighton, Minnesota 55112

Re: Permit application review for two monitor wells at the Reynolds Petroleum site in Jackson

Dear Mr. Rechnagel:

The Department of Environmental Quality/Water Quality Division is in receipt of your monitor well specifications for two monitor wells at the Reynolds Petroleum site in Jackson, Wyoming.

W.S. 35-11-301 (a)(iii) requires a permit to construct, install, modify or operate a facility capable of causing or contributing to pollution of waters of the state. A monitor well, if not constructed properly, could allow contamination of the shallow aquifer.

In order for the department to issue the permit to construct monitor wells, permit to construct application forms are required in triplicate. The following items were found to be insufficient or missing in the application:

1. Provisions for locking caps, numbering the wells and installing bottom caps;
2. Provisions for providing the department with keys to the wells within 30 days of installation of the wells;
3. The highest expected groundwater table and provisions for installing the perforations two to three feet above this level;
4. Provisions for surveying the elevations of the tops of the casings.

The department has the obligation of ensuring that progress is made toward abatement of the violation. To monitor the progress of this investigation, the department requests a time frame for plan implementation. Included in this time frame should be reasonable time limitations for the following:

Allen Rechnagel
November 24, 1986
Page Two

1. Installation of the monitor wells and well development;
2. Sampling of the monitor wells;
3. Analyses of the samples;
4. Report submittal detailing all aspects of the investigation and recommendations for abatement of the violation.

Please note that sufficient notice should be given to the department prior to the installation of the monitor wells and sample collection so that department personnel can be on-site if deemed necessary.

If you have any questions, contact me at (307) 777-7084.

Sincerely,



Matthew M. Langenfeld
Groundwater Control Supervisor

MML/jn

cc: Jake Strohman, DEQ/WQD
Steve Gerber, DEQ/WQD, Lander
Mike Young, DEQ/WQD, Lander

57

PERMIT TO CONSTRUCT

PERMIT NO. 86-453
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Reynolds Petroleum Station

This permit hereby authorizes the applicant:

Jim Hanson, Jr.
P. O. Box 106
Idaho Falls, Idaho 83401

to construct, install or modify a network of 2 monitor wells according to the procedures and conditions of the application number 86-453. The facility is located in SE $\frac{1}{4}$, S31, T41N, R116W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of 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.

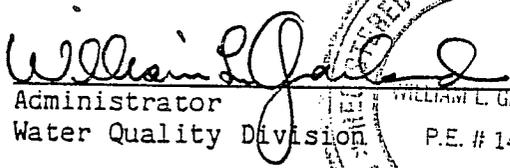
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

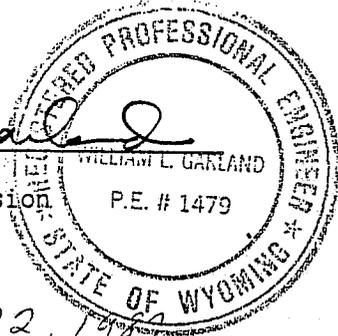
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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

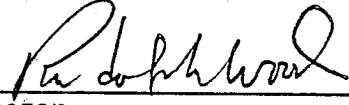
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AUTHORIZED BY:


Administrator
Water Quality Division




Director
Department of Environmental Quality

April 22, 1982
Date of Issuance

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

Conditions for Permit to Construct 86-453

1. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division.
2. Once the monitor wells have been completed, the owner will provide the Wyoming Department of Environmental Quality, Water Quality Division with a report that details the logs and locations. If the construction specifications were not included in the application or changes were made, they should be included in the report.
3. The results of any analyses conducted on soil or water removed from these wells shall be provided to the department as soon as they are available.
4. All monitor wells and soil borings will be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.
5. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.
6. These monitor wells shall be installed no later than 30 days after receipt of this permit.
7. Caps shall be kept locked at all times other than sampling. Any tampering with the monitor wells shall be reported immediately to the division.
8. Keys for the monitor wells shall be provided to the Department of Environmental Quality, Water Quality Department within 30 days of the installation of the wells.

Conditions to Permit 86-453 (continued)

9. The leading edge of contamination will be defined including hydrocarbon product layers and dissolved constituents. One well will be installed ahead of the plume of contamination.
10. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial actions which may be required.
11. Provisions shall be made for the Development of all monitor wells prior to sampling.
12. Provisions shall be made for the surveying of the elevation of the tops of casings and submittal of this information to the Department of Environmental Quality, Water Quality Division.
13. Department of Environmental Quality, Water Quality Division personnel shall be given sufficient notice prior to the installation of the monitor wells and sample collection so that the Department of Environmental Quality, Water Quality Division personnel may be on-site if deemed necessary.
14. Quarterly monitoring and submittal shall take place as specified in the August 13, 1986 letter to Mr. Wille of Federated Insurance. If weather conditions will not allow sampling the Department of Environmental Quality, Water Quality Division must be contacted and a variance may be granted.
15. The interceptor vent system shall be monitored quarterly as specified in the August 13, 1987 letter to Mr. Wille. Under no circumstances shall the interceptor vent system be abandoned or turned off without the prior approval of the Department. Any breakdowns or malfunction of the system shall be reported to the Department within 24 hrs and immediate action taken to repair the system. All breakdowns shall be documented in the quarterly report.

cc: Allen R. Rechnagel
Principal Consultant
Delta Environmental Consultants
19 Old Town Square, Suite 23B
Fort Collins, CO 80574
Jake Strohman, DEQ/WQD, Cheyenne
Steve Gerber, DEQ/WQD, Lander

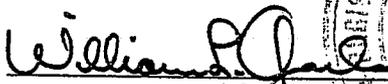
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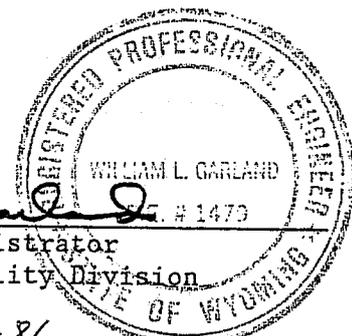
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AUTHORIZED BY:


Administrator
Water Quality Division
12-22-86
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 *

The permit is issued with the requirement that the permittee abide by the following conditions:

1. Once the hydrocarbon recovery system has been installed, the owner will provide the DEQ/WQD with a report that details the soil logs.

2. The results of any analyses conducted on soil or water removed from this recovery system during the lifetime of the facility shall be provided to the Water Quality Division as soon as they are available.

3. All wells will be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.

4. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.

5. This issuance of this permit does not relieve the permittee from obligations to complete an Extent of Contamination Study and any future remedial actions which may be required.

6. The permittee shall notify the DEQ/WQD 5 days prior to the exact dates of drilling and installation.

7. The permittee shall notify the Division of the name, phone number, and address of the on-site operator(s) of the recovery system prior to the operation of the facility.

8. The permittee shall operate the recovery system continuously unless DEQ/WQD allows other operational plans in writing. The Division shall be notified immediately in the event that the hydrocarbon recovery system is not operational for more than 24 hours.

9. In the event that excessive concentrations of dissolved constituents are detected in the effluent, the system will be modified to decrease these concentrations to acceptable levels.

10. The reinjection trench shall be designed and monitored on a regular basis to ensure that water will not rise to the surface in the area of the trench.

11. Prior to operation of the hydrocarbon recovery system, an Operation and Maintenance Manual shall be provided to the Division and approved. All operators shall be provided a copy of the approved O & M Manual. The O & M Manual shall contain at a minimum a schematic, operations guide, maintenance schedule, trouble shooting guide, discharge requirements and limitations, DEQ contact, provisions in the event of a spill, methods for handling and disposing of gasoline product in a proper manner, and safety requirements.

12. The hydrocarbon recovery system shall be "winterized" to prevent freeze-up and breakdown.

13. A status report shall be provided to the Division on a quarterly basis with reports due by the last day of January, April, July and October. The report shall include at a minimum, volumes pumped of water hydrocarbon product, downtime and dates, effectiveness of the recovery system, monitoring data for all monitor wells and the recovery well current pumping rate and radius of influence.

14. Any discharge to the surface must first be approved by the NPDES Section of the Division.

15. A grab sample of the wastewater effluent must be taken at least once a quarter. The sample must be tested for benzene, toluene, ethylbenzene, and xylenes and the results submitted to the NPDES Section within 30 days of the end of each quarter. The quarters end in March, June, September and October.

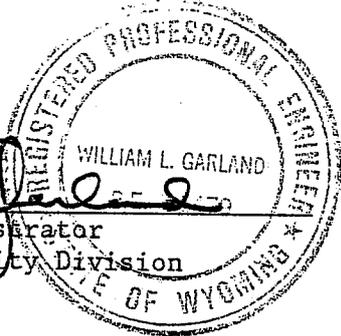
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AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division
12/15/86
Date of Issuance

R. John Woolf
Director
Dept. of Environmental Quality

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

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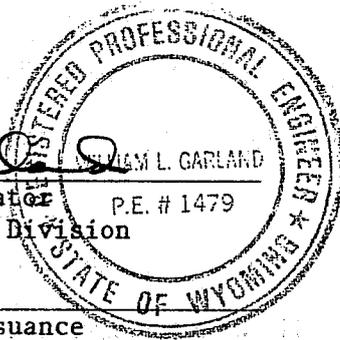
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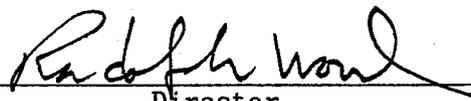
AUTHORIZED BY:



Administrator
Water Quality Division
1-22-87

Date of Issuance





Director
Dept. of Environmental Quality

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

norma

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

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

PROJECT: North Cody Water Users Association Water Supply Line

ENGINEER: Graham, Dietz & Associates
P.O. Box 338
Cody, WY 82414

OWNER: City of Cody
1338 Rumsey Avenue
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 86-456

REVIEWING ENGINEER: Steven P. Gerber, P.E. *SPG*

DATE OF REVIEW: December 31, 1986

ACTION: Not authorized.

COMMENTS:

A review of the above referenced project has been completed. The Cody water supply system is considered a permitted facility by the Department of Environmental Quality. The connection of the North Cody Water Users Association (NCWUA) water system to the Cody water system constitutes a modification to the Cody water system. Chapter III, Section 7.c. of the Water Quality Rules and Regulations states that existing facilities not in compliance will require modifications to other portions of the facility to bring the facility into compliance with applicable regulations. Therefore, the review comments address not only the water line itself, but also the NCWUA water system. The following items must be addressed and/or resolved before a permit can be issued:

1. An engineering design report shall be submitted with the application. The purpose of the report shall be to describe and provide technical justification for all aspects of the proposed construction. The report should address existing conditions, known or suspect problems, proposed actions, and the reasoning used to arrive at those proposed actions. Additional information to be included in the report:

a. Current and projected system water demand for average day, maximum day, maximum hour, needed fire flows and per capita maximum daily flows.

b. Information on fire protection and fire flow capabilities of the proposed system.

c. Computations showing that water can be provided for the maximum daily demand at the design year.

d. Hydraulic analysis to verify that a minimum pressure of 20 psi at ground level at all points in the distribution system under all flow conditions is maintained. This would include fire flows. Verify that the normal working pressure in the distribution system is not less than 35 psi. When fire protection is to be provided system design shall be such that fire flows can be served.

e. Verify storage tank has capacity equal to the average daily demand.

f. Discuss the ability of the system to remain bacteria free. The system is relatively old and with a line break or negative pressure bacteria could be introduced into the system. Will a chlorine residual be available from the Cody water to be effective in killing off the bacteria? Is there a need for additional chlorination facilities?

2. Discuss potential for settling soils beneath meter vault and check valve manhole by draining water into the drain beds located directly beneath the structure.

3. Valves shall be provided at both ends of water crossings so that the section can be isolated for testing or repair; the valves shall be easily accessible and not subject to flooding; and the valve closest to the supply source shall be located in a manhole.

4. There shall be no connection between a water distribution system and any user whereby unsafe water or contamination may backflow into the system. Provide appropriate backflow preventors on each service line as determined in Chapter XII, Water Quality Rules and Regulations.

5. Explain what impact the field welding will have on the shop applied cement mortar lining. It seems that the cement lining should be stopped several inches from a welding point.

6. Explain what the concrete spacers are. How and when are they attached to the pipe?

7. Explain the purpose of the hand hole. It will not be cement lined and it will trap air as it comes out of solution. With this air pocket it will create an environment conducive to corrosion. Please address these concerns.

8. Provide details of how treatment plant will be taken off line and storage reservoir connected to the system.

Please resubmit the required information to this office in triplicate. Be sure to include the Water Quality Reference Number that appears on this review sheet in a cover letter or transmittal sheet. Should you have any questions or comments, please contact this office.

SG/jw

Chery. R7

JK

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 86-457
Ref. 81-65RRR

WYMO Mine Reservoir A
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-65RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

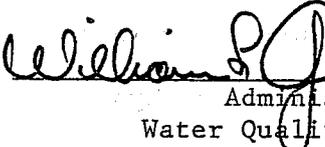
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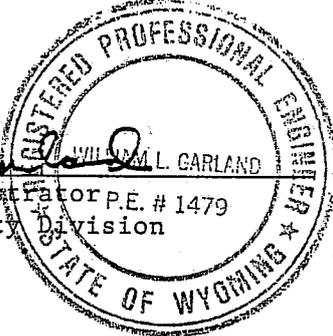
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, 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:


Administator P.E. # 1479
Water Quality Division



REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
STATE OF WYOMING


Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

57N

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-458
Ref. 81-66RRR

WYMO Mine Reservoir B
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-66RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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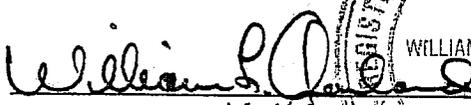
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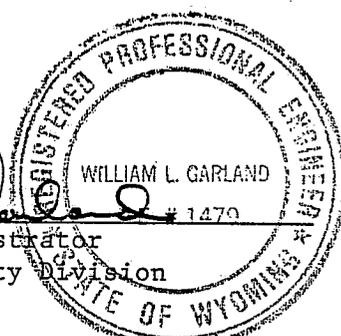
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

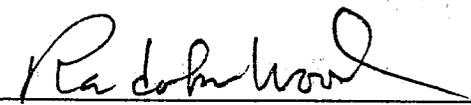
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division





Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

27

PERMIT TO CONSTRUCT

- [] New
[X] Renewal
[] Modified

Permit No. 86-459
Ref. 81-67RRR

WYMO Mine Reservoir C
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-67RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

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

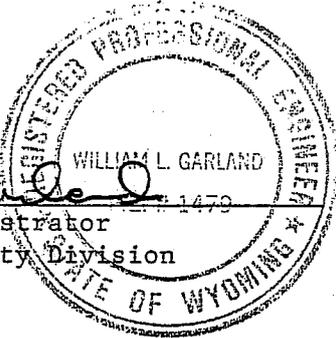
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, Sheridan, Wyoming 82801; telephone, 672-6457.

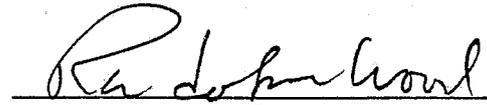
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12/15/86
Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

12

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-460
Ref. 81-68RRR

WYMO Mine Reservoir D
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-68RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

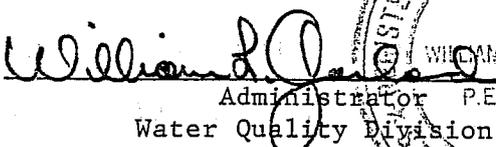
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

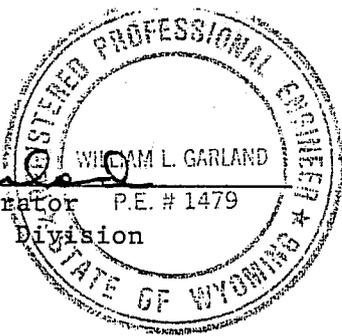
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, Sheridan, Wyoming 82801; telephone, 672-6457.

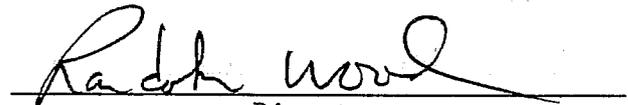
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 P.E. # 1479
Water Quality Division




Director
Department of Environmental Quality

12/15/84

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

JR

PERMIT TO CONSTRUCT

- [] New
[X] Renewal
[] Modified

Permit No. 86-461
Ref. 81-69RRR

WYMO Mine Reservoir E
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-69RRR. The facility is located in Section 21, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

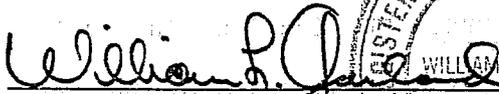
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

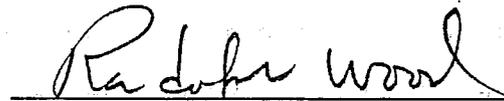
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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:



Registered Professional Engineer
WILLIAM L. GARLAND
P.E. # 1479
Water Quality Division
STATE OF WYOMING



Director
Department of Environmental Quality

12/15/84

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

JN

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-462
Ref. 81-70RRR

WYMO Mine Reservoir F
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a NPDES reservoir facility according to the procedures and conditions of the application No. 81-70RRR. The facility is located in Section 20, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

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

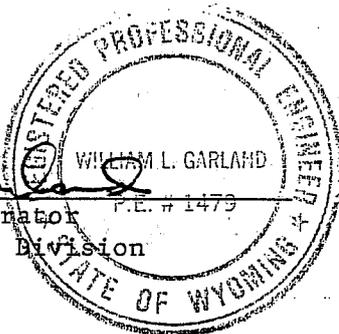
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, Sheridan, Wyoming 82801; telephone, 672-6457.

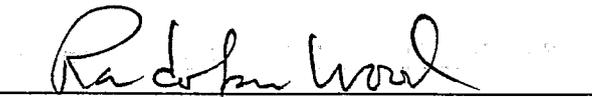
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12/15/84

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

JN

PERMIT TO CONSTRUCT

[] New
[X] Renewal
[] Modified

Permit No. 86-463
Ref. 81-71RRR

WYMO Mine Bypass Ditch 1 and 1-A
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-71RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

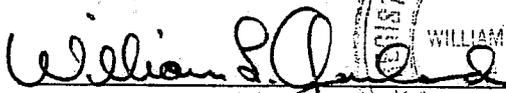
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

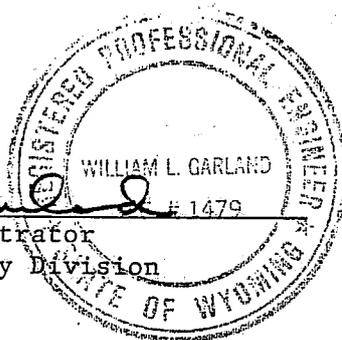
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

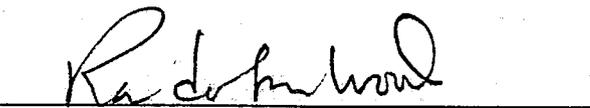
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division





Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

57

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 86-464
 Ref. 81-72RRR

WYMO Mine Stockpile Berm Structures (1) SP-1,
 (2) SP-2, (3) T-1, (4) T-2, (5) Toxic Spoil Pile
 (Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a sediment control facility according to the procedures and conditions of the application No. 81-72RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

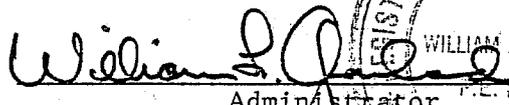
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

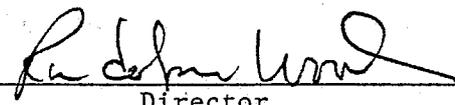
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12/15/86
Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

57

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 86-465
Ref. 81-73RRR

WYMO Mine Ditch 2
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-73RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

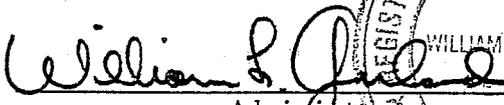
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

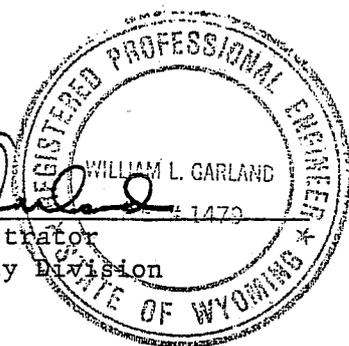
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

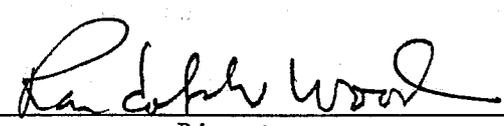
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division





Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

52

PERMIT TO CONSTRUCT

[] New
[X] Renewal
[] Modified

Permit No. 86-466
Ref. 81-74RRR

WYMO Mine Ditch 3
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-74RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

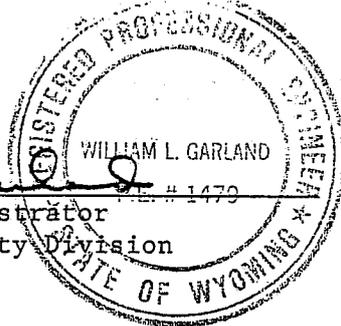
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

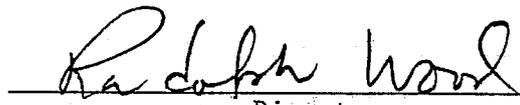
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division





Director
Department of Environmental Quality

12/15/84

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

JAN

PERMIT TO CONSTRUCT

[] New
[X] Renewal
[] Modified

Permit No. 86-467
Ref. 81-75RRR

WYMO Mine Ditch 4
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-75RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

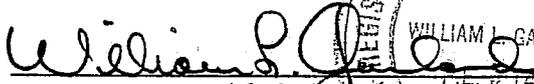
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

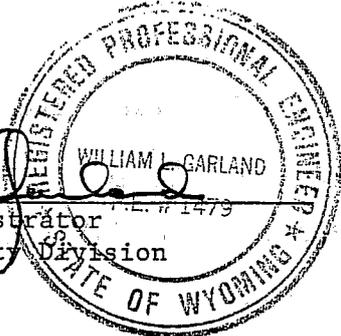
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

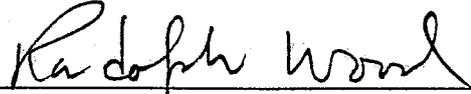
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator
Water Quality Division





Director
Department of Environmental Quality

12/15/84

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

27N

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-468
Ref. 81-76RRR

WYMO Mine Ditch 5
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-76RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

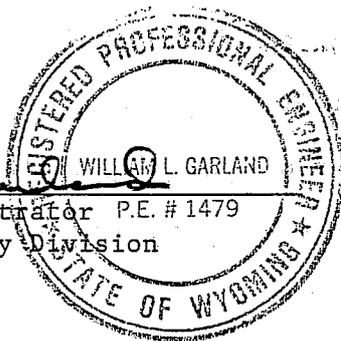
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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 P.E. #1479
Water Quality Division





Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

452

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-469
Ref. 81-77RRR

WYMO Mine Ditch 6
(Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-77RRR. The facility is located in Section 16, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

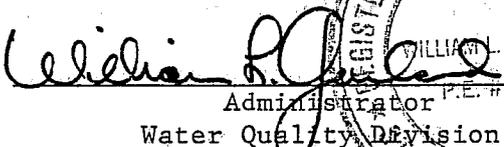
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, 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




Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

5
JN

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 86-470
 Ref. 81-78RRR

WYMO Mine Ditch 7
 (Name of Facility)

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

WYMO Fuels, Inc.

1330 Baltimore Avenue

Kansas City, Missouri 64105

to construct, install, or modify a diversion ditch facility according to the procedures and conditions of the application No. 81-78RRR. The facility is located in Section 21, T.45N., R.70W., in the County of Campbell, in the State of Wyoming.

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

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

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

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

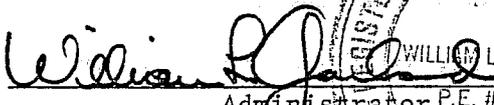
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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 601, Sheridan, Wyoming 82801; telephone, 672-6457.

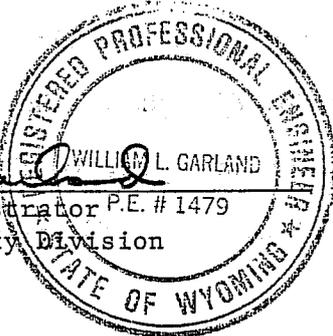
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

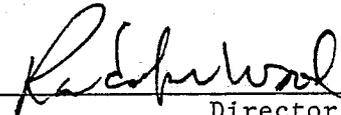
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:



Administrator P.E. # 1479
Water Quality Division





Director
Department of Environmental Quality

12/15/86

Date of Issuance

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

xc: Morrison-Knudsen Engineers
P.O. Box 7808
Boise, Idaho 83729

file
JDN

PERMIT TO CONSTRUCT

PERMIT NO. 86-471
SEE CONDITIONS ON BACK

- New
- Renewal
- Modified

Bingo Truck Stop

This permit hereby authorizes the applicant:

Glenn Dembroff/Applied Geosystems
43255 Mission Blvd., Suite B
Fremont, CA 94539

to construct, install or modify monitor well network and test holes for subsurface contamination assessment according to the procedures and conditions of the application number 86-471. The facility is located in NE, SE S22, T21N, R86W in the county of Carbon, 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.

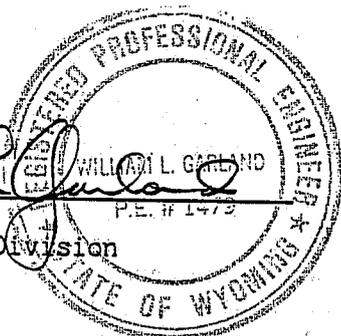
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

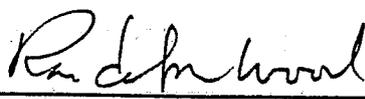
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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


William L. Garland
Administrator
Water Quality Division


Director
Department of Environmental Quality

12-31-86
Date of Issuance

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

Conditions to Permit to Construct #86-471

1. The investigation will be carried out according to the Proposal for the Subsurface Environmental Investigation at the Bingo Truck Stop at I-80, Sinclair, Wyoming, AGS Job No. 8670-P, October 17, 1986.
2. The report summarizing the soil stratigraphy, field and laboratory procedures, well construction details, laboratory results, interpretations, and recommendations for further work will be reported to the Department of Environmental Quality, Water Quality Division by February 15, 1987.



MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

August 20, 1987

Gary Papek
Union Pacific Railroad
1416 Dodge Street
Omaha, Nebraska 68179

Dear Mr. Papek:

Your existing permit, number 86-472 for monitor wells at the Green River Rail Yard was issued with the specific permit condition that additional wells could be drilled under that same permit. As a matter of convenience for both you and the Water Quality Division, I am returning your application for an additional Monitor Well (GR-9) cancelled. You are allowed to drill this well and others as required under 86-472. Please notify us whenever you drill additional wells.

You are reminded that all wells must meet the requirements of Chapter XI, Part G whether or not this has been made a condition of the permit.

This letter will serve as official proof that notification was made as required by Condition 1 of permit 86-472.

Sincerely,

Robert Lucht
Groundwater Control Supervisor
Water Quality Division

RL/jn

Enclosure

cc: John Yellich, Rocky Mountain Energy

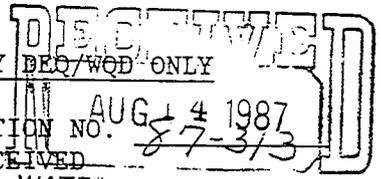
CHAPTER III

APPLICATION FOR PERMIT TO CONSTRUCT,
INSTALL, OR MODIFY PUBLIC WATER SUPPLIES,
WASTEWATER FACILITIES, DISPOSAL SYSTEMS, OR
GROUNDWATER MONITORING WELLS IN WYOMING

FOR USE BY DEQ/WQD ONLY

APPLICATION NO. _____
DATE RECEIVED _____

WATER QUALITY DIVISION
WYOMING



Application must contain three copies of the application form, plans, specifications, and pertinent design information.

1. Name of facility Monitor Well GR-9

2. Owner, company, or corporation name Union Pacific Railroad

3. Location of facility: County Sweetwater

Section 22 1/4 Sections NWNE Township 18N Range 107W

- 4. Type of application: New permit
- Revised permit*
- As built approval
- Renewal of permit*

*Previous DEQ/WQD construction permit no(s). _____

5. Facility description: New facility Modified facility

Public water supply

- Publicly-owned
- Privately-owned

- Type of facility
- Source development
- Groundwater
- Surfacewater
- Treatment plant
- Distribution system



Wastewater facility

- Publicly-owned
- Commercial
- Industrial (including mines)
- Coal mine
- Small (single unit, domestic waste, less than 2000 gpd)

- Type of facility
- Septic system
- Domestic sewage pond
- Sedimentation facility
- Evaporative/containment pond
- Mechanical treatment plant/system
- Collection system
- Land application facility
- Other _____

Groundwater pollution control systems

- Groundwater pollution control or containment system
- Groundwater restoration system
- Monitoring well(s) (P.E. not required)
- Test hole(s) for subsurface contamination assessment (P.E. not required)
- Injection or recovery well

5. Have all required State Engineer permits been obtained? _____ Yes X No

If yes, provide permit number(s) In Process

If not, the State Engineer (telephone number 777-7354) should be contacted to determine if any permit(s) is required for this project; it is illegal to appropriate water without a permit.

6. Briefly describe facilities proposed to be constructed: Well GR-9

is a piezometer well that will be used to assess groundwater
 contamination.

7. Will the proposed water supply/wastewater treatment facility discharge to the surface? Yes _____ No X If yes, NPDES permit application No. _____

Name of receiving waters _____

Applicant

Name: Union Pacific Railroad

Attention: Gary Papek

Address: 1416 Dodge Street

Omaha, Nebraska 68179

(City, State, Zip)

Phone 402/271-2261

Engineer

Name _____

Wyoming P.E.# _____

Engineering Firm _____

Address: _____

(City, State, Zip)

Phone _____

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

Gary Papek
Signature of Applicant

Aug. 12, 1987
Date

Chey. R. File



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 18, 1986

Mr. R. C. Kuhn
Union Pacific Railroad
1416 Dodge Street
Omaha, NE 68179

RE: Permit to construct monitor wells, and the subsurface investigation of the Green River Rail Yards, WQD Ref. No. 86-472

Dear Mr. Kuhn:

Enclosed is a signed copy of permit to construct 86-472 for monitor wells at the Green River Rail yards. I authorized construction of the wells verbally to John Yellich on December 8, 1986. I understand that a total of seven wells were installed the week of December 8th.

Mr. Yellich clarified the proposed sampling plan for the wells to me by telephone on December 11, 1986. This letter will document Water Quality Division (WQD) concurrence with the proposed plan.

Since visible hydrocarbon contamination was encountered at all well locations, samples will be analyzed for hydrocarbon using a Gas Chromatography (GC) procedure, as well as oil/grease, TOC, and field and lab parameters listed in the letter from Mr. Yellich to me dated December 3, 1983. The need for additional organic characterization of the contaminated groundwater will be determined based upon the initial analytical results. I recommended that the samples be analyzed for benzene, toluene, and xylene as indicator parameters associated with diesel contamination.

The preliminary backhoe investigation documented the occurrence of hydrocarbon product at the UPRR property boundary. Your April 1987 report must define the full extent of contamination even beyond your property boundary. The remedial action plan must address mitigation of the entire contaminated area.

Please note the conditions to the permit. Condition 1 authorizes the construction of additional monitor wells with prior approval of the Water Quality Division.

Mr. R. C. Kuhn
December 18, 1986
Page 2

Thank you for your cooperation with the division in this matter.

Sincerely,



Katherine J. Laudon
Groundwater Engineer Evaluator

KJL/nc

cc: John Yellich, Rocky Mountain Energy
Jake Strohman, WQD, Cheyenne
Jack Bedessem, WQD, Lander

JAN

PERMIT TO CONSTRUCT

PERMIT NO. 86-472
SEE CONDITIONS ON BACK

X New
Renewal
Modified

Union Pacific, Green River Rail Yard. Monitoring Wells.
Piezometers and Subsurface Investigation

This permit hereby authorizes the applicant:

R. C. Kuhn
Union Pacific Railroad
1416 Dodge Street
Omaha, NE 68179

to construct, install or modify monitoring wells and piezometers as part of a subsurface investigation of the Green River Rail Yard according to the procedures and conditions of the application number 86-472. The facility is located in S22, 23, 24, T18N, R107W in the county of Sweetwater, 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.

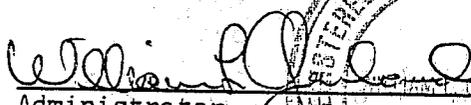
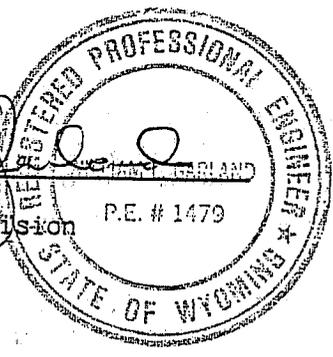
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

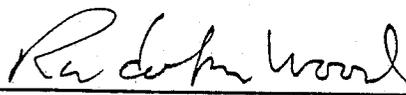
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

12/22/86
Date of Issuance

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

Conditions for Permit to Construct 86-472

1. Additional wells may be constructed to the specifications of application 86-472 with prior approval of the Water Quality Division.
2. Upon termination of monitoring, all wells and piezometers will be abandoned according to the procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.
3. Within 15 days after the well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.

cc: John Yellich, Rocky Mountain Energy
Jake Strohmman, WQD, Cheyenne
Jack Bedessem, WQD, Lander

Chey. Run file
JR



ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 22, 1986

Mr. W. E. Rickart
Texaco, Inc.
P O Box 320
Casper, WY 82602

RE: Permit to construct monitor wells, WQD Reference Number 86-473

Dear Mr. Rickart:

Enclosed is a signed copy of permit to construct 86-473 for monitor wells at the Texaco Refinery in Evansville. Please note the conditions to the permit, specifically condition number 4 which requires that a report detailing well location, completion, and analytical results of any samples collected be provided to the Water Quality Division within 60 days of well completion.

Thank you for your cooperation with the division in this matter.

Sincerely,

Katherine J. Laudon

Katherine J. Laudon
Groundwater Engineer Evaluator

cc: Keith Thompson, Western Water Consultants
Jake Strohmman
Chris Norman
Tom Norman

PERMIT TO CONSTRUCT

PERMIT NO. 86-473
SEE CONDITIONS ON BACK

X New
Renewal
Modified

Texaco Monitoring Wells

This permit hereby authorizes the applicant:

Texaco, Inc.
Attn: W. E. Rickart
P O Box 320
Casper, WY 82602

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 86-473. The facility is located in S6. T33N. R78W 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.

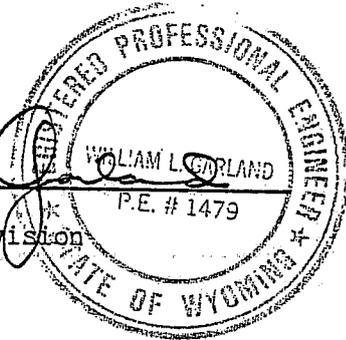
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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


William L. Corland
Administrator
Water Quality Division

Ralph Wood
Director
Department of Environmental Quality

12/22/86
Date of Issuance

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

Conditions to Permit to Construct No. 86-473

1. Additional wells may be constructed to the specifications of application 86-473 with prior approval of the Water Quality Division.
2. Upon termination of monitoring, all wells shall be abandoned according to the procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.
3. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.
4. Within 60 days of the completion of the wells, a report shall be submitted to the Groundwater Section, Wyoming Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, Cheyenne, Wyoming 82001.

The report will include a map showing the exact location of the new wells and a lithologic log, completion information, and analytical results from any water samples collected from the wells.

cc: Keith Thompson, Western Water Consultants
Jake Strohman
Chris Norman
Tom Norman

Howma 4/7



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

210 LINCOLN STREET

LANDER, WYOMING 82520

TELEPHONE 307-332-3144

December 16, 1986

Elf Aquitaine Petroleum
ATTN: Mr. Bob Adolph
Allied Bank Plaza
1000 Louisiana, Suite 3800
Houston, TX 77002

RE: WQD Permit No. 86-474, Ref. No. 83-552R, Wastewater Treatment Facility
Telephone Pass Unit, Well No. 1

Dear Mr. Adolph:

We are in receipt of your letter dated December 4, 1986 requesting the renewal of the above referenced permit to construct. Because this permit is more than two years old, a renewal is not possible. However, we have reviewed the old permit submittal and have found it to be in compliance with our present minimum design standards for the State of Wyoming.

Because the plant has already been installed, a new permit to construct cannot be issued. Therefore, please retain a copy of this letter for your files as proof that this facility has been accepted "as-built" by this department. This acceptance is contingent on the fact that the facility has been constructed and will be operated in compliance with the terms and conditions of WQD Permit No. 83-552R.

Should you have any questions or comments, please contact Jack Bedessem or myself.

Sincerely,

Bill Locke, P.E.
Water Quality Engineer

BL/jw

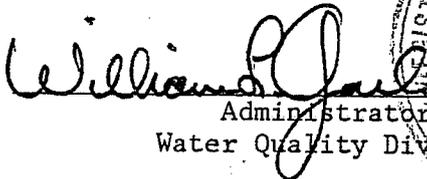
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

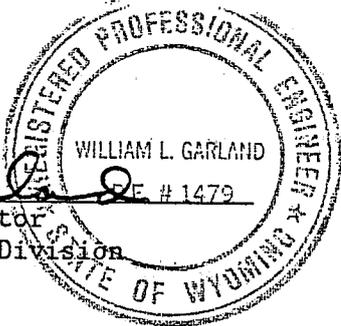
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

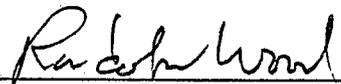
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
12-22-86
Date of Issuance




Director
Dept. of Environmental Quality

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

Ches. R. 7

5/27

PERMIT TO CONSTRUCT

PERMIT NO. 86-476
REF. NO. 81-510
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "A"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-510. The facility is located in S13, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

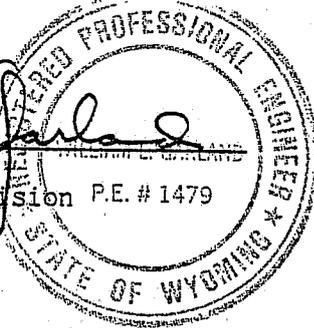
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 672-6457.

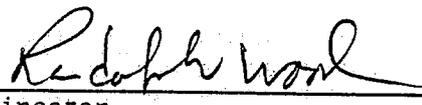
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:


Administrator
Water Quality Division P.E. # 1479




Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JW

PERMIT TO CONSTRUCT

PERMIT NO. 86-477
REF. NO. 81-511
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "B"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-511. The facility is located in S14. T54N. R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge and "STATE OF WYOMING" around the bottom edge. In the center, the name "WILLIAM L. GARLAND" is printed. A signature is written over the seal.

William L. Garland
Administrator
Water Quality Division

Kathleen Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JK

PERMIT TO CONSTRUCT

PERMIT NO. 86-478
REF. NO. 81-512
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "C"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-512. The facility is located in S23, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

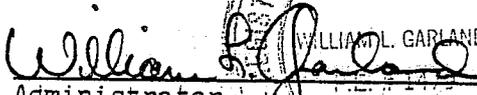
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

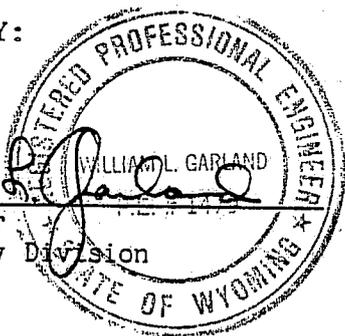
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 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

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

572

PERMIT TO CONSTRUCT

PERMIT NO. 86-479
REF. NO. 81-513
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "D"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Grav
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-513. The facility is located in S13 and 14, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

A circular seal for a Registered Professional Engineer in the State of Wyoming. The seal contains the text "REGISTERED PROFESSIONAL ENGINEER" around the top edge and "STATE OF WYOMING" around the bottom edge. In the center, the name "WILLIAM L. GARLAND" is printed, with the number "11473" below it. A signature is written over the seal.

William L. Garland
Administrator
Water Quality Division

Rudolph Wood
Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JRS

PERMIT TO CONSTRUCT

PERMIT NO. 86-480
REF. NO. 81-514
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "E"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-514. The facility is located in S23 and 24, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

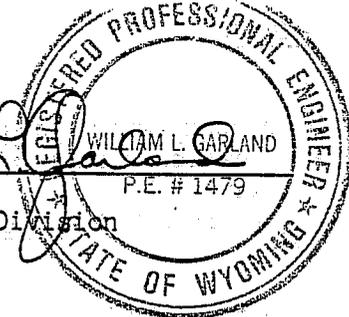
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

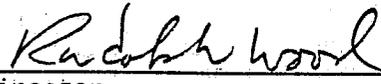
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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


Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

27

PERMIT TO CONSTRUCT

PERMIT NO. 86-481
REF. NO. 81-515
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "F"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-515. The facility is located in S26, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

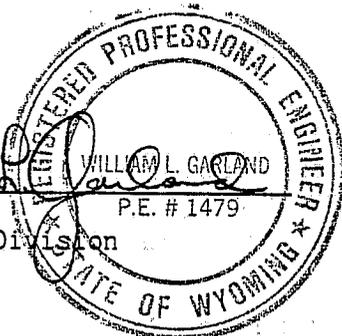
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 672-6457.

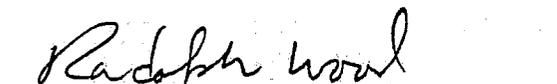
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property or any 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

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

25

PERMIT TO CONSTRUCT

PERMIT NO. 86-482
REF. NO. 81-516
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "G"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Grav
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-516. The facility is located in S33, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

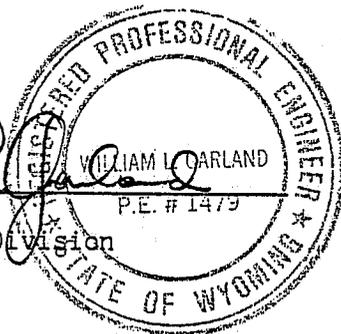
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

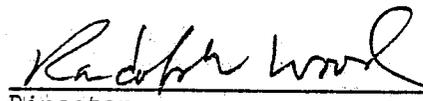
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


W. L. Garland
Administrator
Water Quality Division


Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

2
DN

PERMIT TO CONSTRUCT

PERMIT NO. 86-483
REF. NO. 81-517
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "H"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Grav
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-517. The facility is located in S34. T54N. R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

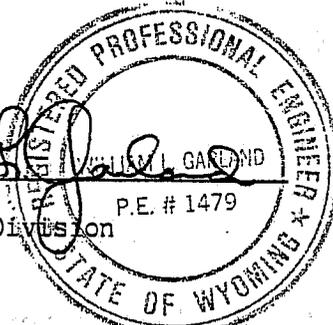
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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

Rudolph Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

42

PERMIT TO CONSTRUCT

PERMIT NO. 86-484
REF. NO. 81-518
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "I"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-518. The facility is located in S34, T54N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

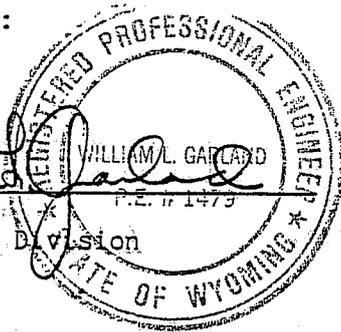
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

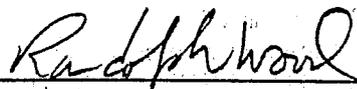
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 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

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JTN

PERMIT TO CONSTRUCT

PERMIT NO. 86-485
REF. NO. 81-519
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "J"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-519. The facility is located in S34 and 35. T54N. R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

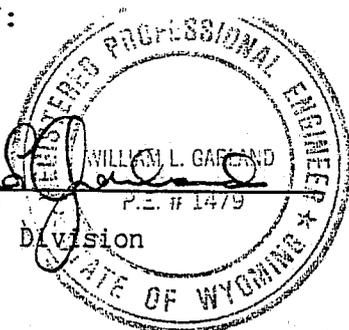
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Garand
Administrator
Water Quality Division

Kathleen Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-486
REF. NO. 81-520
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "K"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-520. The facility is located in S34 and 35, T54N, R67W, and S2, 3, 9, 10, T53N, R67W, in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

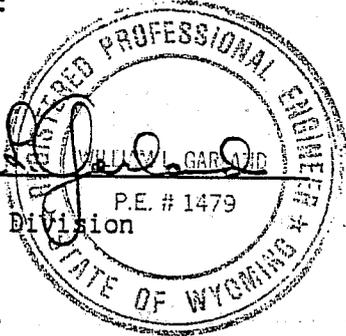
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

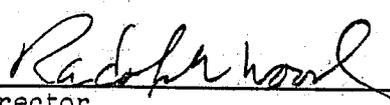
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 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

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

4
m

PERMIT TO CONSTRUCT

PERMIT NO. 86-487
REF. NO. 81-521
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "L"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-521. The facility is located in S4, and 9, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

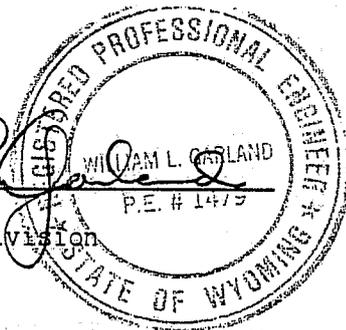
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division

Rodger Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

J
K

PERMIT TO CONSTRUCT

PERMIT NO. 86-488
REF. NO. 81-522
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "M"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-522. The facility is located in S9, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

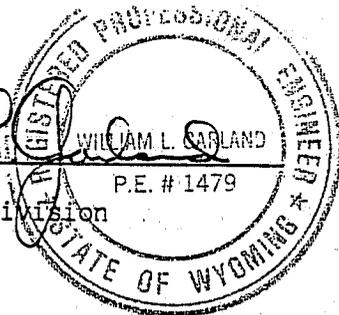
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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

Roderick Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-489
REF. NO. 81-523
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "N"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Altheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-523. The facility is located in S4, and 9, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

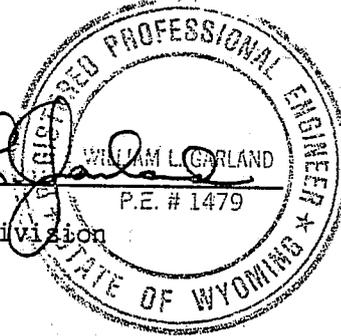
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 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 L. GARLAND
P.E. # 1479
STATE OF WYOMING


Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

52

PERMIT TO CONSTRUCT

PERMIT NO. 86-490
REF. NO. 81-524
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "O"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-524. The facility is located in S9, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

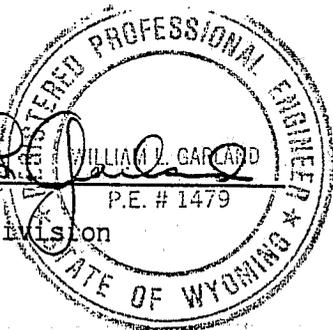
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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

Rudolph Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

42

PERMIT TO CONSTRUCT

PERMIT NO. 86-491
REF. NO. 81-525
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "P"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-525. The facility is located in S9, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

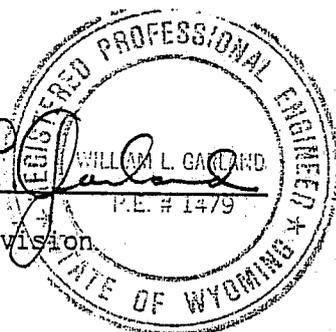
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division

Rudolph Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JDN

PERMIT TO CONSTRUCT

PERMIT NO. 86-492
REF. NO. 81-526
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "Q"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-526. The facility is located in S16. T53N. R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

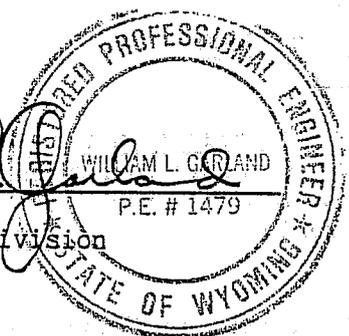
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division

Rudolph Wood
Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-493
REF. NO. 81-527
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "R"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-527. The facility is located in S16. T53N. R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

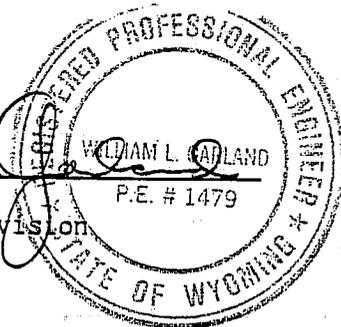
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

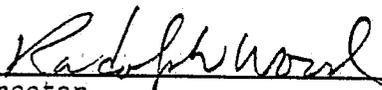
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Carland
Administrator
Water Quality Division


Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-494
REF. NO. 81-528
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "S"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-528. The facility is located in S16, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

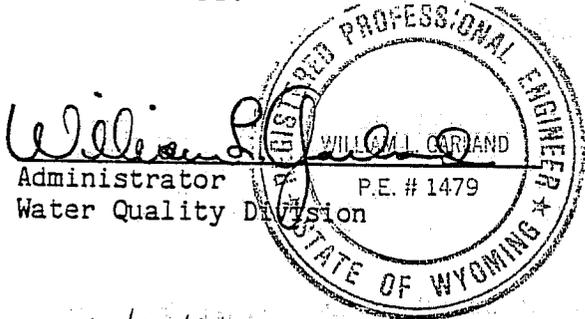
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:



Rodolph Wood
Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

52

PERMIT TO CONSTRUCT

PERMIT NO. 86-495
REF. NO. 81-529
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "T"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-529. The facility is located in S16 and 21, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

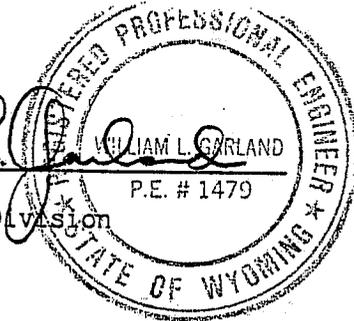
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


William L. Garland
Administrator
Water Quality Division

Rudolph Wood
Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-496
REF. NO. 81-530
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "U"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-530. The facility is located in S21, 28, and 33, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

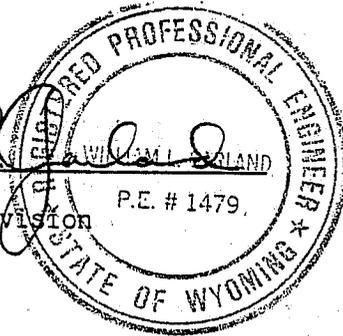
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:

A circular seal for a Professional Engineer in the State of Wyoming. The outer ring contains the text "REGISTERED PROFESSIONAL ENGINEER" at the top and "STATE OF WYOMING" at the bottom. The inner circle contains the name "WILLIAM H. PAUL" and the license number "P.E. # 1479". The seal is stamped over a signature of William H. Paul.

William H. Paul
Administrator
Water Quality Division

Ralph Wood
Director
Department of Environmental Quality

12/12/84
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

27

PERMIT TO CONSTRUCT

PERMIT NO. 86-497
REF. NO. 81-531
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "V"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-531. The facility is located in S28 and 33, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

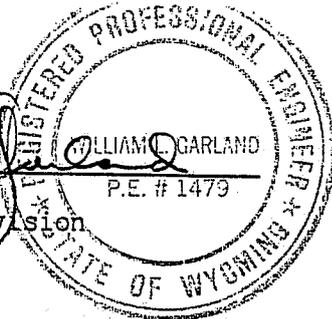
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 672-6457.

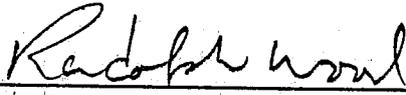
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property or any 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

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

LW

PERMIT TO CONSTRUCT

PERMIT NO. 86-498
REF. NO. 81-532
SEE SPECIAL CONDITIONS

New
X Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "W"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-532. The facility is located in S33, T53N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

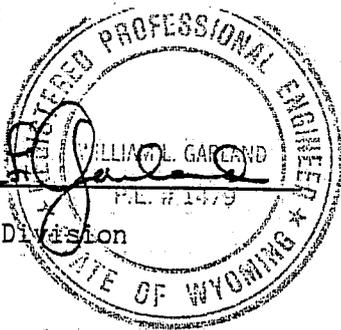
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 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

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

JDN

PERMIT TO CONSTRUCT

PERMIT NO. 86-499
REF. NO. 81-533
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "X"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-533. The facility is located in S3, T52N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

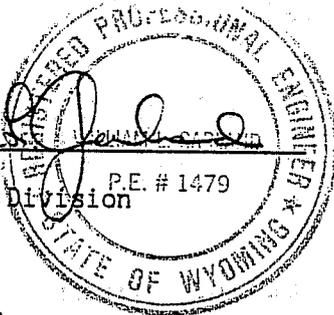
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division
P.E. # 1479




Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

15

PERMIT TO CONSTRUCT

PERMIT NO. 86-500
REF. NO. 81-534
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "Y"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-534. The facility is located in S3, T52N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

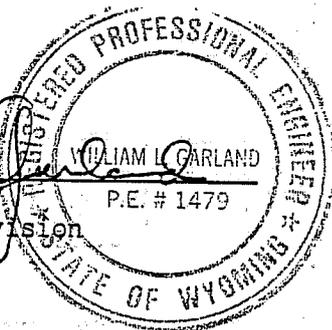
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

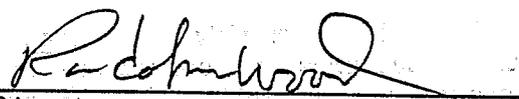
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307)-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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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


Director
Department of Environmental Quality

12/12/86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

25

PERMIT TO CONSTRUCT

PERMIT NO. 86-501
REF. NO. 81-535
SEE SPECIAL CONDITIONS

New
 Renewal
Modified

Applied Industrial Materials Corporation
Oshoto Mine Pit "Z"

This permit hereby authorizes the applicant:

Samuel T. Lawton, Jr. Esq.
Alzheimer & Gray
333 West Wacker Drive, Suite 2600
Chicago, IL 60606

to construct, install or modify bentonite pit byproduct water disposal pond according to the procedures and conditions of the application number 81-535. The facility is located in S3 and 4, T52N, R67W in the county of Crook, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

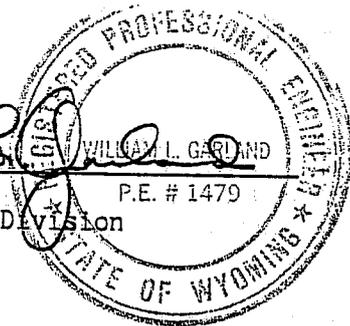
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 2161 Coffeen Ave., Sheridan, WY. 82801; telephone (307) 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 invasion of personal rights, nor any infringement of federal, state, or local laws or regulations.

AUTHORIZED BY:


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

Richard Wood
Director
Department of Environmental Quality

12-12-86
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT

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

R7 JR

PERMIT TO CONSTRUCT

PERMIT NO. 86-502
SEE CONDITIONS ON BACK
Ref. No. 86-174R

New
 Renewal
 Modified

Holly Sugar Plant. Worland. Wyoming

This permit hereby authorizes the applicant:

TriHydro Corporation
410 Grand Ave., Suite 213
Laramie, WY 82070

to construct, install or modify three monitoring wells to monitor groundwater quality and static water levels according to the procedures and conditions of the application number 86-502. The facility is located in S6, T47N, R93W in the county of Washakie, in the State of Wyoming. This permit shall be effective for a period of one (1) 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.

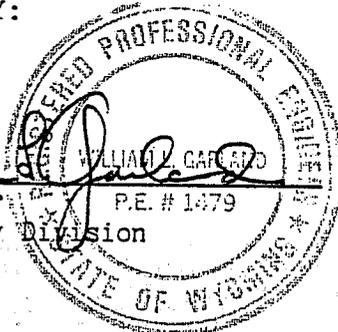
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

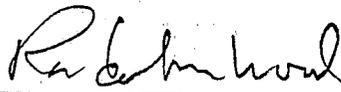
Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

12-22-86
Date of Issuance

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

Conditions for Permit to Construct 86-502

The three monitoring wells shall be located generally as shown on Figure 1 of the monitoring plan (DEQ/WQD Ref. No. 86-174R) submitted October 29, 1986, and identified in the plan as MW-1, MW-2 and MW-3. The wells shall be constructed and installed generally as described in the plan. A cement apron or slab shall be constructed at the surface at each well, of such dimensions and shape as shall convey surface runoff away from each well.

Within 30 days following completion of well construction, permittee shall submit to the Water Quality Division the following:

1. Map showing final well locations, legal description of each well location, and ground elevation and elevation of the identified permanent measuring point at each well site.
2. Final well construction diagrams and specifications.
3. Boring logs of the wells, including static water levels.
4. Final list of parameters to be measured (with reference to Water Quality Division letter of November 3, 1986) and monitoring/sampling and reporting schedule.

Wells are not to be plugged and/or abandoned without prior Water Quality Division approval.

RF



THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality
Water Quality Division

HERSCHLER BUILDING

CHEYENNE, WYOMING 82002

TELEPHONE 307 777-7781

December 19, 1986

Mr. Frank Zitzo
KN Energy, Inc.
P O Box 608
Hastings, NE 68901

RE: Casper Wastewater Sump DEQ/WQD Ref. No. 86-503

Dear Mr. Zitzo:

We have reviewed your application for a wastewater sump at your Casper facility and have determined that a construction permit is not required provided that:

1. The system is total containment.
2. The waste volume is kept to 1000 gallons.
3. The wastes are regularly pumped out.
4. The wastes are disposed at a Department of Environmental Quality approved facility.

If you have any questions, please call.

Sincerely,

Thomas S. Norman
Southeast District Supervisor

TSN/nc

REVIEW OF PLANS AND SPECIFICATIONS

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

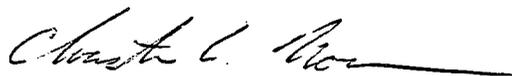
PROJECT: KN Energy Inc. - Casper Plant

ARCHITECT OR ENGINEER:

APPLICANT: KN Energy, Inc., PO Box 608, Hastings, NE 68901

WATER QUALITY DIVISION REFERENCE NUMBER: 86-504

REVIEWING ENGINEER: Christian G. Norman



DATE OF REVIEW: December 22, 1986

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. The application is incomplete. The applicant should submit drawings showing how the monitor wells are to be constructed. A site map should also be included which shows the locations of the monitor wells

cc: Thomas Norman
Jake Strohman

JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-504R
See Special Conditions

X New
Renewal
Modified

KN Energy, Inc. - Casper Plant

This permit hereby authorizes the applicant:

KN Energy, Inc.
P O Box 608
Hastings, NE 68901

to construct, install or modify monitor well network according to the procedures and conditions of the application number 86-504R. The facility is located in NE 1/4, SW 1/4, S5, T33N, R78W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

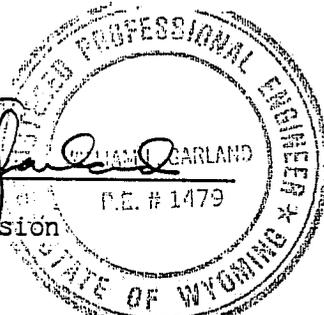
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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


William Garland Administrator
Water Quality Division
R. D. Howard Director
Department of Environmental Quality

01-12-87
Date of Issuance

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

Conditions to Permit to Construct #86-504R

1. Approval is needed from the water Quality Division prior to placement of additional wells.
2. Well logs, locations, and as-built construction specifications shall be submitted to the Department of Environmental Quality/Water Quality Division within thirty (30) days of completion.
3. The results of analysis conducted on soil or water samples shall be submitted to the Department of Environmental Quality/Water Quality Division, when available.
4. All monitor wells and soil borings shall be abandoned in accordance with procedures specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations.
5. No wells shall be abandoned without prior approval from the Department of Environmental Quality/Water Quality Division.

cc: Thomas Norman
Jake Strohman

Ches. File JB

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 86-505

Star Valley Cheese WWTP Modification
(Name of Facility)

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

IMPA Star Valley Cheese Cooperative
P.O. Box 436
Thayne, WY 83127

to construct, install, or modify a add one 13,000 gallon equalization tank
to the wastewater plant

_____ facility according to the procedures and conditions of the
application No. 86-505 and 85-115R. The facility is located in _____

SE $\frac{1}{4}$, Sec. 23, T34N, R119W
_____ in the County of Lincoln,

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

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

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 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
12/22/86
Date of Issuance



Ralph W. ...
Director
Dept. of Environmental Quality

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

52

PERMIT TO CONSTRUCT

PERMIT NO. 86-506R
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Kwik Shop #282

This permit hereby authorizes the applicant:

TriHydro Corporation
410 Grand Avenue, Suite 213
Laramie, WY 82070

to construct, install or modify monitor well network according to the procedures and conditions of the application number 86-506R. The facility is located in S22, T50N, R72W in the county of Campbell, in the State of Wyoming. This permit shall be effective for a period of 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.

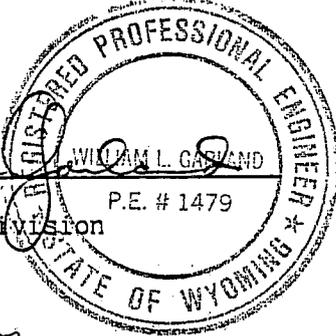
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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

William L. Garvand
Administrator
Water Quality Division



Rudolph Wood
Director
Department of Environmental Quality

1-12-87
Date of Issuance

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

Conditions to Permit 86-506R

1. Additional wells may be installed if prior approval is received from the Water Quality Division.
2. Once the monitor wells have been constructed, the applicant will provide the Wyoming Department of Environmental Quality, Water Quality Division with a report that details the logs, locations, and as-built construction specifications.
3. The results of any analyses conducted on soil or water shall be provided to the department when available.
4. All monitor wells and soil boring will be abandoned in accordance with procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.
5. The applicant shall notify the Department of Environmental Quality, Water Quality Division prior to abandonment of wells.
6. All wells shall be constructed with protective casing and locking caps. Keys for all monitoring wells shall be provided to the department within 30 days of completion of the project.
7. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial actions which may be required.

Conditions to Permit 86-506R (continued)

8. DEQ/WQD personnel shall be given sufficient notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.

cc: Matt Langenfeld
Jake Strohman
Rich Ruyle

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Kwik Shop #282, Wells KS-5 and KS-6, Campbell Co.

ARCHITECT OR ENGINEER: Jeff Hostetler, TriHydro Corporation,
410 Grand Avenue, Suite 213, Laramie, WY 82070

APPLICANT: Automatic Gas Distributors,
P O Box 4197, Englewood, CO 80155-4197

WATER QUALITY DIVISION REFERENCE NUMBER: 86-506

REVIEWING ENGINEER: Christian G. Norman 

DATE OF REVIEW: December 15, 1986

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. A drawing of a typical monitor well should be included with the application.
2. A location map should be included to show the location of the proposed monitor wells.

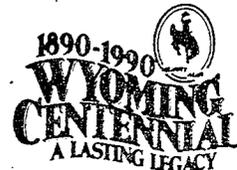
nc

cc: Matt Langenfeld
Jake Strohman



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

Administration
(307) 777-7937

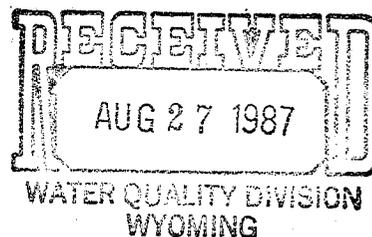
Air Quality Division
(307) 777-7391

Land Quality Division
(307) 777-7756

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781

August 24, 1987



D & B Service
ATTN: Mr. Daniel Rinker
P.O. Box 148
Mountain View, WY 82939

RE: Waste Disposal Pond - Monitoring Wells, WQD Ref. No. 86-507R

Dear Mr. Rinker:

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 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/BL/jw

cc: Norma Coulson, DEC/WQD, Cheyenne

THE STATE OF WYOMING



MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

May 25, 1988

J. W. Carey
Jim's Water Service
P O Box 2290
Gillette, Wyoming 82716

RE: Pickiel Ranch Disposal Unit UIC 86-508 Class I Campbell County, WY

Dear Mr. Carey:

At your request the above referenced application is hereby withdrawn.
Enclosed please find your original application and relative materials.

Sincerely,

Robert Lucht, P.E.
UIC Program Supervisor
Water Quality Division

RL/jt

cc: Mike Strieby, EPA
Janie Nelson, OGCC
Susan Fields, District Office

JIM'S WATER SERVICE, INC.

Jimmie D. Rodgers,
President

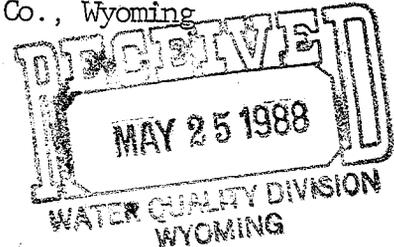
P.O. Box 2290
Gillette, Wyoming 82716
May 24, 1988

Telephone:
(307) 682-4051

Department of Environmental Quality
Herschler Building
122 West 25th Street
Cheyenne, Wyoming 82002

RE: Pickrel Ranch Disposal Unit
UIC 86-508 Class I
Campbell Co., Wyoming

Att'n: Mr. Robert Lucht
UIC Program Supervisor
Water Quality Division



Dear Mr. Lucht:

After a careful study of the economics involved in operating a Class I disposal facility at the Pickrel Ranch, we reached the conclusion that it would not be a viable situation for our company.

Consequently, we have plugged and abandoned the remaining wells in the Pickrel Ranch Unit, being the P.R.U. #2, P.R.U. #4 and P.R.U. #5 and request a withdrawal of our application for a Class I disposal facility at this location.

Mr. David Conn, our consultant in charge of this application, was to have notified you formally but apparently hadn't done so as of the time you wrote your letter of May 19, 1988. We performed the plugging operations on May 11, 1988, and he has been out of town, so that is undoubtedly the reason.

We sincerely hope this has not caused you any inconvenience, and if we can be of any further assistance in this matter, please let us know.

Sincerely yours,

Jim's Water Service, Inc.

J. W. Carey

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.

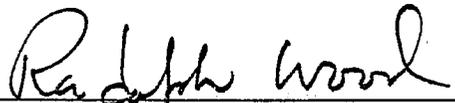
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



Director
Dept. of Environmental Quality

12/29/84

Date of Issuance

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

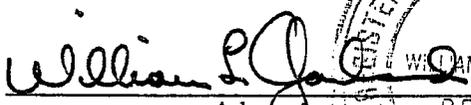
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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.

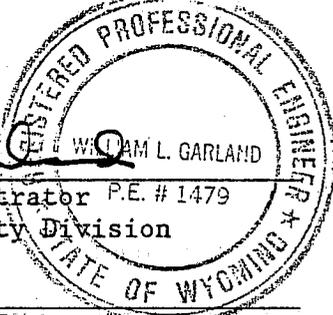
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

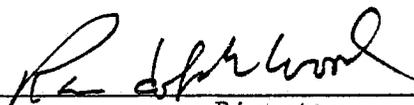
AUTHORIZED BY:



Administrator P.E. # 1479
Water Quality Division
12-31-86

Date of Issuance





Director
Dept. of Environmental Quality

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

JW

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 86-511R
SEE CONDITION

JOHNSON COUNTY FAIRGROUNDS SEWER LINE EXTENSION
(Name of Facility)

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

County of Johnson

76 North Main Street

Buffalo, Wyoming 82834

to construct, install, or modify a sewer line extension facility according to the procedures and conditions of the application No. 86-511R. The facility is located in Sections 26, T.51N., R.82W., in the County of Johnson, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

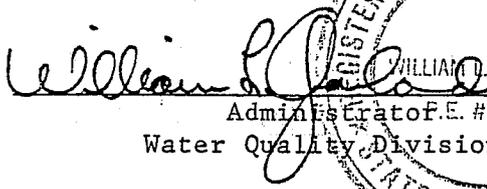
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

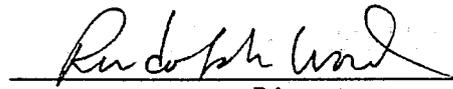
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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

AUTHORIZED BY:


WILLIAM D. GARLAND
Administrato F.E. # 1479
Water Quality Division



Director
Department of Environmental Quality

2-3-87

Date of Issuance

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

CONDITION

The permittee shall obtain an Army Corps of Engineers 404 Permit for the French Creek crossing prior to construction, if it is required by law.

xc: Keith A. Neustel
Grizzly Engineering
P.O. Box 1004
Buffalo, WY 82834

file
15

PERMIT TO CONSTRUCT

PERMIT NO. 86-512R

- New
- Renewal
- Modified

Paradise Valley Water & Sewer District Improvements

This permit hereby authorizes the applicant:

Paradise Valley Water & Sewer District
200 No. David Street
Casper, Wyoming 82601

to construct, install or modify municipal water distribution and wastewater collection and pump station according to the procedures and conditions of the application number 86-512R. The facility is located in S13, 14, & 23, T33N, R80W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of 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.

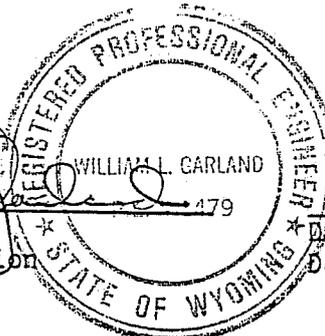
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

 *William L. Carland*
Administrator
Water Quality Division

Rudolph Wool
Director
Department of Environmental Quality

1-27-87
Date of Issuance

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

cc: Roy E. Prior

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Paradise Valley Water and Sewer District Improvements, Natrona County

ARCHITECT OR ENGINEER: Roy Prior, Howard Needles Tammen & Bergendoff,
907 N. Poplar, Suite 250, Casper, WY 82601

APPLICANT: Paradise Valley Water and Sewer District
200 N. David St., Casper, WY 82601

WATER QUALITY DIVISION REFERENCE NUMBER: 86-512

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

DATE OF REVIEW: December 30, 1986

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. An air release mechanism is required at Station 14+00, sheet 3; Station 36+10, sheet 5; Station 59+00, sheet 7.
2. Water/Sewer separation details are not shown on sheet 6 where the stubs are connected to Magnolia and Gardenia. Similar comment for sheet 7, 11, and 12.

file
JW

PERMIT TO CONSTRUCT

PERMIT NO. 86-513
SEE CONDITIONS ON BACK

New
 Renewal
 Modified

South 3rd. St. Mini-Mart. Laramie

This permit hereby authorizes the applicant:

TriHydro Corp.
410 Grand Ave., Suite 213
Laramie. Wyoming 82070

to construct, install or modify groundwater monitoring and evacuation system according to the procedures and conditions of the application number 86-513. The facility is located in S4. T15R. R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 1 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.

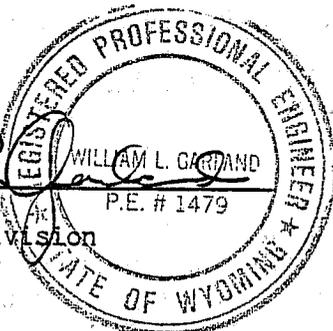
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

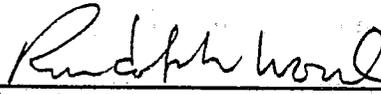
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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


William L. Gartland
Administrator
Water Quality Division


Director
Department of Environmental Quality

10-31-86
Date of Issuance

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

Conditions to Permit to Construct #86-513

1. Each monitor well should be clearly marked in order to avoid the infusion of petroleum products by suppliers.
2. Measures should be taken to assure that contamination of the well from the surface does not occur.
3. A monitoring program, schedule and a reporting schedule should be submitted to Water Quality Division by February 15, 1987.

file
JN

PERMIT TO CONSTRUCT

PERMIT NO. 86-514
SEE CONDITIONS ON BACK

- New
- Renewal
- Modified

East Grand Ave., Mini-Mart, Laramie

This permit hereby authorizes the applicant:

TriHvdro Corp.
410 Grand Ave., Suite 213
Laramie, Wvoming 82070

to construct, install or modify groundwater and evacuation svstem according to the procedures and conditions of the application number 86-514. The facility is located in S34, T16N, R73W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of 1 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 it 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.

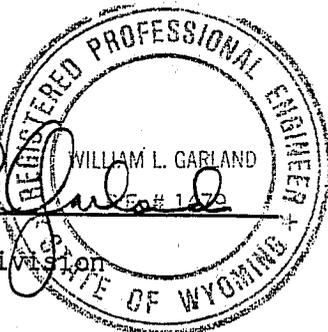
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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

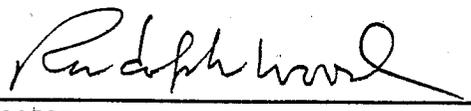
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-31-86
Date of Issuance

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

Conditions to Permit to Construct #86-514

1. Each monitor well should be clearly marked in order to avoid the infusion of petroleum products by suppliers.
2. Measures should be taken to assure that contamination of the well from the surface does not occur.
3. A monitoring program, schedule and a reporting schedule should be submitted to Water Quality Division by February 15, 1987.



THE STATE OF WYOMING



MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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
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June 4, 1987

Country Meadow Estates
Attn: David Behrens
4746 Skyline #111
Laramie, WY 82070

Dear Mr. Behrens:

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

Facility name:	Country Meadow Estates
DEQ/WQD Reference Number:	86-516
Engineering Consultant:	David Behrens
DEQ/WQD Reviewing Engineer:	Thomas S. Norman
Date of DEQ/WQD Review:	January 19, 1987

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

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

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

The application will be resubmitted within 30 days.

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

Other remarks _____

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

Sincerely,



Thomas S. Norman
Southeast District Supervisor
Water Quality Division

TSN/jn



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

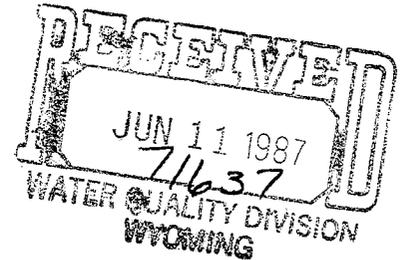
*return
plans
TBN
5-9-87*



Department of Environmental Quality

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
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June 4, 1987



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Attn: David Behrens
4746 Skyline #111
Laramie, WY 82070

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- Other remarks _____

June 4, 1987
Page 2

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Sincerely,



Thomas S. Norman
Southeast District Supervisor
Water Quality Division

TSN/jn

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Country Meadow Estates Wastewater Treatment Plant, Albany Co.

ARCHITECT OR ENGINEER: None

APPLICANT: David Behrens, Country Meadows Estates,
4746 Skyline #111, Laramie, WY 82070

WATER QUALITY DIVISION REFERENCE NUMBER: 86-516

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

DATE OF REVIEW: January 19, 1987

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. An application form was not submitted.
2. The plans were not signed/sealed by a Wyoming registered professional engineer.
3. The basis for the design flow and BOD must be submitted in writing. The design BOD of 152 pounds per day corresponds to 264 mg/l which is very high for domestic waste.
4. A scaled site plan was not submitted showing inlet and outlet lines along with manholes and elevations. The plant did not have any elevations corresponding to the topography.
5. The plans did not identify any controls as to whether it would be manual or automated.
6. Ventilation equipment and capacity were not addressed for the main building or for the chlorination room. Detailed drawings were not provided.
7. Will there be any potable water lines to the wastewater treatment plant? They must be shown and backflow prevention devices must be installed.
8. A draft operation and maintenance manual must be submitted at 50% completion and an approved manual prior to start-up. The requirements for the manual are identified in Section 24 of the Chapter XI regulations.
9. Can the diffusers in the aeration basins be removed without draining the unit or can each basin be bypassed for maintenance?
10. Are the blowers designed so that they can supply maximum day design with the

largest unit out of service?

11. Is there standby chlorination equipment?
12. Does the electrical equipment meet the National Electrical Code? Because of the potential for hazardous or flammable fluids, the electrical equipment must meet Class I, Groups C & D, Division 1 locations according to the National Electrical Code.
13. Specifications were not provided on the tank material.
14. Is there emergency lighting in case of a power failure?
15. For plants having an average design flow of 50,000 gpd or more, the flow measuring device shall provide for recording of instantaneous flow, and enable calculation of average daily flow rate. What type and size of flow measuring device is being provided?
16. What is the BOD and TSS removal efficiency for the digester tank? Since solids are not wasted from the tank, I expect it to be less than a primary clarifier.
17. Since the digester will be anaerobic, the digester needs to have a cover to prevent gases from entering the rest of the plant.
18. How often is the digester supposed to be pumped out?
19. Design calculations need to be submitted showing that the aeration equipment is sufficient to meet the carbonaceous BOD and nitrification while maintaining a dissolved oxygen residual of 2 mg/l. The oxygen transfer efficiencies must include blower efficiency, diffuser efficiency, temperature, altitude, wastewater versus water efficiency, bubble size, etc.
20. Are the blowers inlets inside or outside the building? Are they filtered? Detailed drawings were not submitted. Can the blower systems vary the volume of air delivered?
21. Can the return sludge rate be varied? Is it metered? How is it controlled?
22. Sludge piping must be 4 inches.
23. Low pressure air used for basin aeration and other plant uses must be metered. Separate meters for each basin and air lift pump are necessary. Pressure gages shall be provided immediately prior to each aeration basin.
24. The required detention time on the aeration basin is 16 hours. Only 13.23 hours is proposed.
25. The organic loading rate cannot exceed 15 lbs/1000 cu. ft./day.
26. Outlets in the aeration basin shall be of the overflow type to discourage buildup of foam and floatables. Details were not provided.
27. The clarifier inlet structure for center feed basins shall be at least 20% of the tank diameter. Details were not provided.

28. Are the clarifier weirs adjustable?
29. Are there scum baffles prior to the weirs in the clarifier? Details are necessary.
30. Is the sludge removal continuous?
31. The sludge hopper slope must be 1.7 vertical to 1 horizontal.
32. There must be a method of routinely wasting activated sludge. How will this be accomplished and where will you dispose of it?
33. Can the wastewater be chlorinated if the submersible pump is broke or in case of a power outage?
34. Details must be provided on the heating and ventilation for the chlorination room. Specifications are needed on the chlorination equipment (i.e. materials and capacities, on the controls, piping, pump, ejector, etc.).
35. The chlorine room doors must have panic hardware and open to the outside. The chlorine door should also be hinged to open against the entrance door.
36. The chlorine room must have a clear glass, gas-tight window to allow for visual inspection from the outside.
37. Industrial size cannister gas masks of the type designed for chlorine gas and approved by the U.S. Bureau of Mines shall be available at all facilities using chlorine gas.
38. The outfall area shall be protected from erosion.

nc
Enclosure

✓ App. form

✓ P.E

✓ Design report - basis for flow & BOD loading

✓ Sewer lines need permit

✓ Scaled site plan
inlet & outlet lines

✓ Plans pertinent elevations
baffle detail
automatic controls
ventilation

✓ Potable water lines / backflow preventors

Specs

Construction materials

Clz equip
meter

✓ OEM manual

Is each

~~Are~~ blowers sized for ~~each~~ MDF

24

Motor controls above ground & separate from
sewage & chemical processes

24

Electrical NEC Code

Emergency lighting

25

Sledge casting

flow measurement - ~~was~~ record instantaneous,
enable calc. of ADF, & provisions for
calibration

26

forced ventilation 12 air changes/hr.

Design

1-6-87

$$\frac{152 \text{ \# BOD}}{8.34 \text{ \# BOD / MG/msl}} \times .069 = 264 \text{ mg/l BOD}$$

HIGH FOR INFLOW

Digester Tank

Unknown effectiveness

will odors cause problem in plant

Aeration calcs.

altitude

BOD & NOD

transfer eff. of wastewater, temp., altitude, diffusers, bubble size, ~~of diffusers~~

maintain 2.0 mg/l

submersible pump critical to Cl₂?

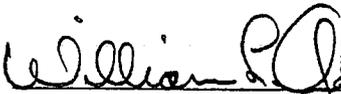
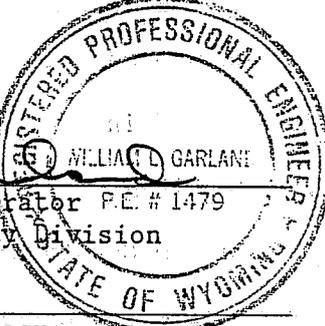
ing working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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 P.E. # 1479
Water Quality Division

1-27-87
Date of Issuance


Director
Dept. of Environmental Quality

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

file
JTN

PERMIT TO CONSTRUCT

PERMIT NO. 86-518R

X New
Renewal
Modified

Evansville Interceptor Sewer - Section II

This permit hereby authorizes the applicant:

City of Casper - Natrona County Joint Powers Board No. 2
200 North David
Casper, Wyoming 82601

to construct, install or modify municipal sanitary sewer according to the procedures and conditions of the application number 86-518R. The facility is located in Sec 4, 5, 6, T33N, R78W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (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.

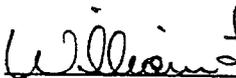
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

03-16-87
Date of Issuance

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

cc: Alan Edwards
Randy L. Fultz,
Howard Needles Tammen & Bergendoff

L
JR

PERMIT TO CONSTRUCT

- [] New
[] Renewal
[X] Modified

Permit No. 86-519

BLACK THUNDER MINE, SEDIMENT CONTAINMENT STRUCTURES
(Name of Facility)

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

Thunder Basin Coal Company

P.O. Box 406

Wright, Wyoming 82732

to construct, install, or modify a sediment control facility according to the procedures and conditions of the application No. 86-519. The facility is located in Sections 17, 19, 20, 29, 30 and 32, T.43N., R.70W., in the County of Campbell, in the State of Wyoming. This permit shall be effective for a period of five (5) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

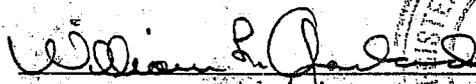
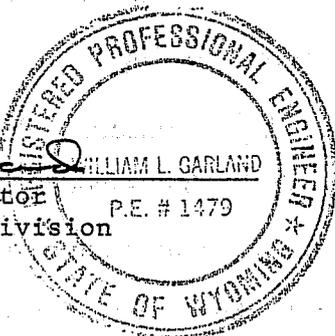
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

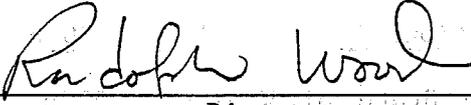
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 601, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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

AUTHORIZED BY:


 Administrator
 Water Quality Division
 P.E. # 1479



 Director
 Department of Environmental Quality

1-22-87

Date of Issuance

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

xc: David E. Sinkbeil, Thunder Basin Coal Co.