

89-301

AW

Same as

89-309

✓

2F

PERMIT TO CONSTRUCT

New

Permit No. 89-302R

Renewal

Modified

Black Mountain Acres SWTF
(Name of Facility)

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

Eugene Bunch

P.O. Box 862

Thermopolis, WY 82443

to construct a septic tank and leachfield facility according to the procedures and conditions of the application No. 89-302R. The facility is located in Sec. 32, T44N, R94W in the County of Hot Springs, in the State of Wyoming.

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

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

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

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

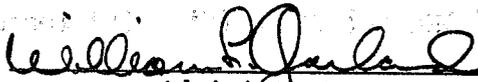
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

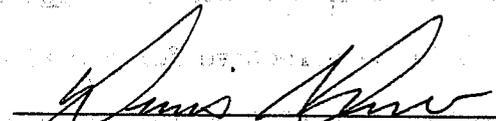
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

October 3, 1989
Date of Issuance

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

89-303

AW

(advanced info only -
may become project
later - Lou put
info in county
file.)

re

RF

LAND APPLICATION PERMIT

PERMIT NO. 89-304
SEE SPECIAL CONDITIONS

G.R.B. LAND APPLICATION

This permit hereby authorizes the applicant:

G.R.B. Resources, Inc.
405 Mayo Building
Tulsa, OK 74103

to land apply road application of tank bottoms. The application site is located in Section 26, T21N, R78W in the county of Carbon, 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 standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

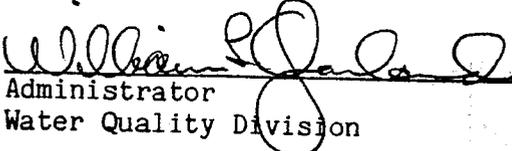
Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way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

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

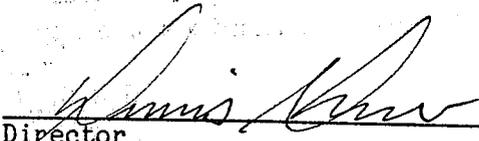
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 16, 1989
Date of Issuance

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

Conditions to Land Application Permit #89-304

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The application site slope shall not exceed 8 percent for vehicular application or 15 percent for spray irrigation or irrigation by gated pipe on the contour. Vegetated areas of the site shall not be spray-irrigated where possible plant leaf injury may result from salt residue.
3. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 122 West 25th, Herschler Building, 4 West, Cheyenne, Wyoming 82002, phone number 777-7781, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed as it is applied. Wastes will not be applied during the period from November 1 to April 30.

LBH/jn

cc: Continental Edison - TL Ranch
 Richard Fisher
 Medicine Bow, WY 82329

PERMIT TO CONSTRUCT

PERMIT NO. 89-305
SEE SPECIAL CONDITIONS

- X New
- Renewal
- Modified

Art's Truck Terminal

This permit hereby authorizes the applicant:

Art's Truck Terminal, Inc.
3306 W. College Dr.
Cheyenne, WY 82007

to construct, install or modify series of test holes and/or monitoring wells according to the procedures and conditions of the application number 89-305. The facility is located in NE $\frac{1}{4}$ NE $\frac{1}{4}$ S14, T13N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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

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

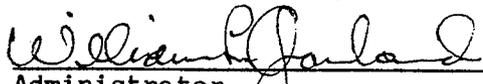
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

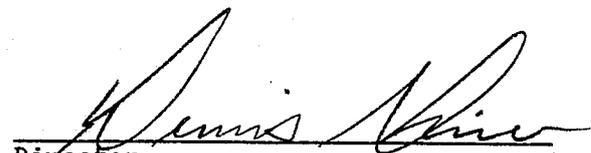
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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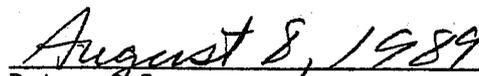
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality



Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-305

1. Except when otherwise required by conditions of this permit, the boreholes and monitoring wells shall be installed in accordance with the plans and specifications submitted in permit to construct application number 89-305. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However, a sufficient seal must be installed according to normal engineering practice. At a minimum, a seal of bentonite or bentonite grout is required from the surface to a foot or two above the uppermost perforation. Protective casing shall be cemented into a sloping concrete cap to promote drainage away from the wellhead.
3. The WQD shall be notified a minimum of two weeks before drilling begins so that a WQD representative may be on site as deemed necessary by the WQD.
4. After any monitoring wells installed have fulfilled their useful purpose, they shall be abandoned according to procedures and requirements specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
5. The issuance of this permit does not relieve the permittee from any corrective actions or additional work that may be required. Additional investigative work or corrective actions may be required depending on the results of the extent of contamination study or site assessment.

6. Borings or monitoring wells must penetrate into the groundwater or into a confining unit below the level of the base of the tank pit excavation. Regardless of lithology or apparent confining conditions, borings must extend through any zone of contaminated soils as evidenced by visual, odor, instrument reading, or other field test criteria. If encountered, groundwater must be sampled for laboratory analysis for BETX by EPA method 602 and TPH by EPA method 418.1.
7. If the following conditions are encountered, the borings must be converted into monitoring wells:
 - a. Free product in the form of a discrete layer, blebs, or sheen on the groundwater.
 - b. A hydrocarbon odor, instrument reading, or other field test indicating groundwater contamination.
 - c. Soil contamination in the form of discernable staining, odor, or instrument reading within 3 feet above or below the groundwater level.

The depth of penetration below groundwater shall be in accordance with the screening requirements for monitoring wells.

8. In addition to the well construction information submitted with the permit application, the following items relating to well construction must be addressed when the wells are constructed, installed, and developed:
 - a. After the bentonite has been placed in the annular space, it must be hydrated to ensure a proper seal.
 - b. The borehole diameter must be at least four inches larger in diameter than the casing diameter.
 - c. The screened interval must extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level.
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings.
 - e. To minimize the entrance of fine-grained material into the well, the filter pack should be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
 - f. Factory slotted casing is recommended for the perforated interval.
 - g. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well.
 - h. A protective casing and locking cap is required. Keys to the locks shall be kept on site and made available to WQD personnel for inspection or sampling.
 - i. Each monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

Conditions to Permit 89-305 (continued)

9. Each well and borehole shall be lithologically logged with grain-size descriptions, as applicable, based on the Wentworth scale, phi scale, or Unified Soil Classification System.
 - a. Information indicating soil contamination such as visible staining or discoloration, detectable odors, instrument readings, or other field criteria must be recorded in the lithologic logs.
 - b. Contaminated soils recovered must be separated from clean soils and disposed of properly.
 - c. The results of any laboratory chemical analysis on soil samples must be included with the extent of contamination or site assessment report.
10. Any boreholes not converted to monitor wells must be abandoned at the completion of the investigation. The following criteria must be applied to determine the abandonment method:
 - a. In the event that two separate aquifer units are placed in hydrologic communication, the aquifers and intervening units must be sealed by neat cement, bentonite, or similar sealing material acceptable under Chapter XI of the Wyoming Water Quality Rules and Regulations.
 - b. In the event that a boring is to be completed as a monitoring well and has penetrated separate aquifer units, the lowermost unit(s) shall be sealed as above and monitoring well construction requirements will otherwise apply.
 - c. In the event that the near surface soils, not opposite the perforated interval, exhibit contamination as evidenced by staining, odor, or instrument measurement criteria, they shall be sealed to prevent introduction of contaminants to the groundwater by surface water run-on and infiltration.
 - d. Drill cuttings may otherwise be placed back into the borings with a minimal surface seal according to normal engineering practice provided that the cuttings exhibit no evidence of contamination.
11. Disposal of development, rinsate, or purging waters in the sanitary sewer system must be approved by the appropriate city or county agencies.
12. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
13. A report on the extent of contamination study or site assessment shall be submitted to the WQD no later than 30 days of the permittee's receipt of data from the laboratory. This report shall include at a minimum:
 - a. A chronological summary of events leading up to the study.
 - b. A topographic site map or maps showing the locations and elevations of physical features, wells and/or boreholes, utility lines and or trenches, boreholes, and wells, potentiometric surface, and groundwater flow direction.
 - c. Map(s) and hydrogeologic cross sections illustrating the magnitude and lateral and vertical extent of subsurface contamination including: any

Conditions to Permit 89-305 (continued)

free product layer; soil contamination as evidenced by analytical results; instrumentation readings, and visual/odor criteria; and dissolved contaminant constituents in groundwater.

- d. A description of sample collection procedures, analytical results, and methods of measurement for free product, vapor, and other field techniques that includes limits of detection.
 - e. As built construction details for each monitoring well; lithologic logs for each monitoring well and each borehole; and a description of borehole abandonment methods and procedures.
 - f. Interpretation of the data and conclusions including contaminant migration pathways, groundwater flow direction and rate, and recommended remedial measures.
 - g. Inventory records for a year prior to the report of the spill or time of assessment reconciled to illustrate overage and loss.
14. The following monitoring program shall apply to all monitoring wells installed under this permit. This program may be modified by the WQD depending on the initial results of the extent of contamination study or following a review of data generated through at least one year's time.
- a. Quarterly measurement/analysis of the following field parameters:
 - (1) depth and elevation of the groundwater level.
 - (2) the thickness of any free petroleum product to the nearest 0.01 feet. Any existing free product too thin to measure shall be recorded by description, such as blebs, sheen, film, iridescence, odor, etc...
 - b. Quarterly analysis of groundwater samples from each well for Total Petroleum Hydrocarbons (TPH) by EPA method 418.1 and Benzene, Ethylbenzene, Toluene, and Xylenes (BETX) by EPA method 602. In the event that measurable free product is reported, an analysis for these dissolved constituents will not be required.
 - c. The proposed sampling and analysis of free product to characterize it as gasoline or diesel fuel will be required for the initial phase of the extent of contamination study. Subsequent analyses may be required depending on the results of the extent of contamination study and monitoring results with time.
 - d. The results of any other chemical analyses on water samples from these wells shall be submitted to the WQD within 30 days of their receipt from the laboratory.
 - e. The analytical results submitted with the report on the extent of contamination study shall be considered the first quarterly monitoring report. Subsequent reports shall be submitted within 30 days of the end of each calendar quarter, that is, by the end of January, April, July, and October, respectively.

RS/nc

cc: Jake Strohman, WQD Cheyenne
Inberg-Miller, Cheyenne



THE STATE OF WYOMING



MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

Administration
(307) 777-7937

Air Quality Division
(307) 777-7391

Land Quality Division
(307) 777-7756

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781

August 4, 1989

Ronald E. Ruiz
Art's Truck Terminal
3306 West College Drive
Cheyenne, WY 82007

PO Box 1047
82003

RE: Permit Application No. 89-305, Art's Truck Terminal in Cheyenne, Laramie County, WY

Dear Mr. Ruiz:

The Water Quality Division (WQD) has reviewed the application to construct monitor wells or borings at the referenced facility for the purpose of conducting a site assessment. The accompanying permit (89-305) has been issued to Art's Truck Terminal. Some of the permit conditions are provisionally structured to accommodate the subsurface conditions that can not be determined until drilling is conducted. Please review the permit before the work begins and contact this office if you have any questions or comments regarding the conditions.

Please note that if you anticipate the WQD to accept the site assessment as complete, additional assessment work would be required in the pipeline areas. Based on the experience of the WQD, pipeline leaks contributing to contamination of groundwater can occur about as frequently as a direct tank leak. Any additional borings or wells may be constructed under the first permit condition.

Depending on the final well construction and site assessment results, wells constructed adjacent to the tank clusters may in part meet the leak detection requirements for underground storage tanks under the federal regulations. In the event the borings are completed as wells for this purpose, the enclosed notification form must be completed and submitted to the WQD. The same form must also be submitted by the new owner if ownership changes.

Thank you for your time and attention. Please call this office at (307) 777-7781 if you have any questions or comments.

Sincerely,

Robert L. Stites
Senior Analyst
Water Quality Division

RLS/nc

Enclosures: UST Notification Form and Permit to Construct
cc: Jake Strohmman, Groundwater Program Manager

R 7

PERMIT TO CONSTRUCT

PERMIT NO. 89-306
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

MALMBORG SEPTIC TANK

This permit hereby authorizes the applicant:

Kenneth L. Malmborg
118 East Laughlin Road
Cheyenne, WY 82009

to construct, install or modify a septic tank and drainfield according to the procedures and conditions of the application number 89-306. The facility is located in Section 36, T13N, R66W in the county of Laramie, 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: Southeast District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

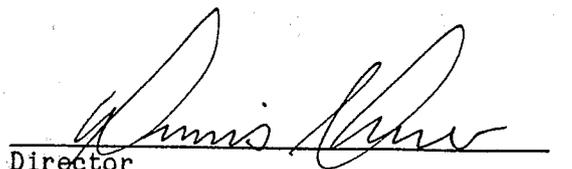
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 14, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 89-306

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.
5. The drainfield needs to be increased in size to 4 @ 60 ft. trenches and lines in order to increase the total infiltration area to 960 square feet. This was discussed and agreed upon in a telephone conversation the morning of August 9, 1989.

LBH/jn

cc: Laramie County Environmental Health

PERMIT TO CONSTRUCT

PERMIT NO. 89-307
SEE SPECIAL CONDITIONS

- New
- Renewal
- Modified

R. E. SUNDIN SEPTIC TANK

This permit hereby authorizes the applicant:

Robert E. Sundin
1814 E. 19th Street
Cheyenne, WY 82001

to construct, install or modify a septic tank and drainfield according to the procedures and conditions of the application number 89-307. The facility is located in Section 30, T14N, R65W in the county of Laramie, 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.

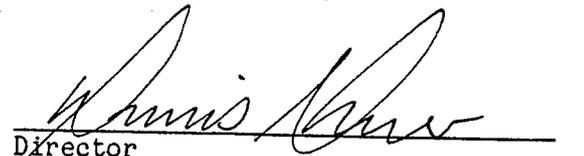
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

Nothing in this permit shall be construed to preclude the institution of any 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

August 14, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 89-307

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.

LBH/jn

cc: Laramie County Environmental Health

RF

PERMIT TO CONSTRUCT

PERMIT NO. 89-308
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

NAF TWO BAY CAR WASH

This permit hereby authorizes the applicant:

90 CSG/DEED
F E WARREN AIR FORCE BASE
FE WARREN AFB, WY 82005-5000

to construct, install or modify car wash according to the procedures and conditions of the application number 89-308. The facility is located in SW1/4, NE1/4, Section 35, T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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AUTHORIZED BY:


Administrator
Water Quality Division


Director
Department of Environmental Quality

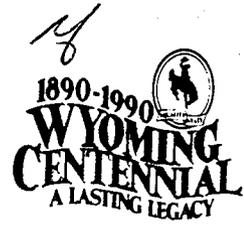
September 12, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-308

1. The interceptor tank should have a minimum capacity of 1500 gallons based on a flow rate of 4 gpm in each of the two wash bays.
2. The drawing M-1 shows a backflow prevention device that is properly specified at 15H.5 of the specifications. However the drawing is not clear as to the exact location of the installation. It must be installed upstream of all connections in the facility, including yard hydrants. The backflow preventor must also be installed in a frost free location that is not subject to submersion.

LBH/nc



MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

Administration (307) 777-7937	Air Quality Division (307) 777-7391	Land Quality Division (307) 777-7756	Solid Waste Management Program (307) 777-7752	Water Quality Division (307) 777-7781
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November 27, 1989

The Honorable Kenneth Cook
Town of Burlington
P O Box 38
Burlington, WY 82411

RE: Town of Burlington Wyoming C560236-94, DEQ/WQD Ref. No. 89-309, Approval of Plans and Specifications

Dear Mayor Cook:

The plans and specifications for the construction of Town of Burlington Sanitary Sewer System have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications and is enclosing a permit to construct. This permit does not supercede the requirements for obtaining any permit from local or state agencies.

The procedure for submission and approval of modifications to the approved plans and specifications is the same as for the original set; i.e., five copies of any proposed modifications, together with an explanation of the reasons therefore should be forwarded to us. Unauthorized modifications of approved sets of plans and specifications may result in suspension of federal participation in the project.

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

This is confirmation of our verbal authorization for the project to be advertised and bids opened. You are requested to furnish this office with the date this project is advertised and the date on which bids will be opened as soon as possible. You are reminded to complete the enclosed checklist and associated documentation when bids are opened.

The following points should be brought to your attention at this time:

1. Contracts may not be awarded until authorization has been given by the Department of Environmental Quality.
2. Prior DEQ approval is required for rejection of bids on any contract on this project.

Honorable Kenneth Cook
November 27, 1989
Page 2

3. Current wage rates must be in the specifications prior to bid opening.
4. Bidders must submit with their bid a signed statement as to whether they have previously performed work subject to the President's Executive Order Number 11246.
5. Contact EPA if any questions arise concerning MBE/WBE utilization on this project.

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

Sincerely,

Michael F. Hackett

for William L. Garland
Administrator
Water Quality Division

WLG/SS/mad

cc: EPA, Region VIII
Ron Rash, Forsgren Associates
Grant File

PERMIT TO CONSTRUCT

PERMIT NO. 89-309

X New
Renewal
Modified

Town of Burlington Sanitary Sewer System

This permit hereby authorizes the applicant:

Town of Burlington
P O Box 38
Burlington, WY 82411

to construct, install or modify Town of Burlington Sanitary Sewer System according to the procedures and conditions of the application number 89-309. The facility is located in S29, 30, 31, and 32, T52N, R96W in the county of Big Horn, 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:

for Michael F. Hackett
Administrator
Water Quality Division

[Signature]
Director
Department of Environmental Quality

November 28, 1989
Date of Issuance

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

/mad

89-310

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12/17/19



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

Administration
(307) 777-7937

Air Quality Division
(307) 777-7391

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

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781
FAX (307) 777-5973

June 4, 1991

G.G. Nicolaysen
Cole Creek Unit
P.O. Box 500
Casper, Wyoming 82602

RE: Cole Creek Disposal Well F41-27G
Permit UIC 89-311 Class I
Converse County, Wyoming

Dear Mr. Nicolaysen:

This letter authorizes G.G. Nicolaysen to accept and dispose of groundwaters contaminated with gasoline and/or diesel from leaking underground storage tank sites. This authorization covers only waters which must be removed from these sites, and will run until rescinded by this department. Disposal of this waste does not require analyses. Wastewater produced at an underground storage site is presently in a deferred status and may be considered to be temporarily exempt from regulation as hazardous waste as defined by 40 CFR 261. This material is not covered by the petroleum exemption to RCRA. Volumes of waste from underground storage tanks should be accounted for on your quarterly reports as a single line entry for all such waste.

This approval does not cover the disposal of tank bottom sludges from underground storage tanks. Sludges from these tanks is considered to be hazardous waste under RCRA. This approval does not cover direct disposal of diesel or gasoline from an abandoned tank.

Sincerely,

William L. Garland, P.E.
Administrator, WQD
Water Quality Division

WLG/RFL/jt

xc: Jake Strohman
Leroy Feusner
Donald McKenzie
Bill Locke
Steve Gerber

RF

PERMIT TO CONSTRUCT
* Conditions on Permit

- New
- Renewal
- Modified

Permit No. 89-311

Tank 5 Station, Grass Creek
(Name of Facility)

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

Marathon Pipe Line Company

P. O. Box 3128

Houston, Texas 77253

to construct, install, or modify a road application of waste oil and sludge facility according to the procedures and conditions of the application No. 89.311. The facility is located in NW1/4 Sec. 35 T46N, R98W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of 3 months (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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

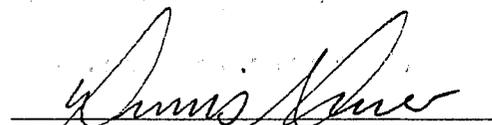
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

1. Waste oil and sludge shall be applied at a rate which will prevent runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The slope of the roads application shall not exceed 8 percent for vehicular application.

3. Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.
6. Only the roads designated in this permit are authorized for application of the waste oil and sludge. Additional sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.

RF

PERMIT TO CONSTRUCT

*Conditions on Permit

- New
- Renewal
- Modified

Permit No. 89-312

Silvertip Station
(Name of Facility)

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

Marathon Pipe Line Company

P. O. Box 3128

Houston, Texas 77253

to construct, install, or modify a road application of waste crude oil and sludge facility according to the procedures and conditions of the application No. 89-312. The facility is located in NE1/4 Sec 23, SE 1/4 Sec 25, T58N, R100W in the County of Park, in the State of Wyoming. This permit shall be effective for a period of 3 months (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

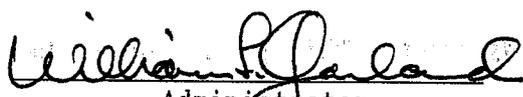
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

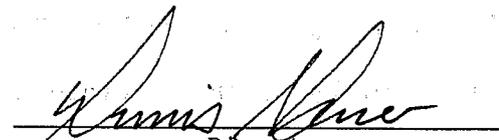
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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


Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

1. Waste oil and sludge shall be applied at a rate which will prevent runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The slope of the roads application shall not exceed 8 percent for vehicular application.

-
3. Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
 4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
 5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.
 6. Only the roads designated in this permit are authorized for application of the waste oil and sludge. Additional sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

210 Lincoln Street • Lander, Wyoming 82520

Air Quality Division
(307) 332-3144

Land Quality Division
(307) 332-3047

Solid Waste Management Program
(307) 332-3144

Water Quality Division
(307) 332-3144

October 2, 1989

ARCHIVES

Charles V. King
Professional Engineer and Land Surveyor
P.O. Box 672
Thayne, WY 83127

RE: Star Valley Ranch Association Water System
(Permit Application 89-313R)

Dear Mr. King:

The plans and information for the above referenced project have been reviewed and appear to comply with minimum design standards as defined by the State of Wyoming. A "Permit to Construct" cannot be issued owing to the fact that the water supply system has already been constructed. However, please retain this letter as verification that the system has been accepted by the DEQ/Water Quality Division.

If you have any questions or comments, feel free to contact me.

Sincerely,

Sterling Roberts
Water Quality Engineer

SR/anc

cc: Star Valley Ranch Association
P.O. Box 159
Thayne, WY 83127



MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

Administration
(307) 777-7937

Air Quality Division
(307) 777-7391

Land Quality Division
(307) 777-7756

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781

August 22, 1989

Town of Douglas
ATTN: Steve Bennett
201 W. Grant
Douglas, WY 82633

RE: Test Hole permits, DEQ/WQD Ref. No. 89-314

Dear Steve:

The application for test holes at the Exxon Gas Station facility is not required and is therefore being returned. As per telephone conversations and reports, the test holes were completed and abandoned according to DEQ Rules and Regulations Chapter III. Since the holes were abandoned properly and no longer exist at this time, the permit application is being returned as submitted.

Thank you for your cooperation in this matter. Once again, I apologize for the miscommunication on my part. If you have any other questions or comments, please contact me at 777-7091.

Sincerely,

Edith L. Johnson
Groundwater Engineering Specialist
Water Quality Division

ELJ/nc

Enclosure: Permit Application 89-314

cc: Jake Strohman
Matt Langenfeld



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

Administration
(307) 777-7937

Air Quality Division
(307) 777-7391

Land Quality Division
(307) 777-7756

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781

August 22, 1989

Town of Douglas
ATTN: Steve Bennett, Director of Public Works
201 W. Grant
Douglas, WY 82633

RE: Exxon Gas Station Site

Dear Steve:

The Water Quality Division of the Department of Environmental Quality (DEQ/WQD) has received the information regarding the investigations conducted at the above referenced facility. The investigation and related results have shown that the contamination is localized within the soil and no groundwaters have been encountered within this contamination zone investigated. An impervious layer of shale separates the contaminated soil from any groundwater formations. However, contamination may have traveled some undefined distance downgradient upon reaching this shale layer. In addition, laboratory analysis of sewer system and water mains in this area has resolved any concerns that contamination is entering public utilities in the area. Confined space investigations did not detect any hazards within the sewer system and buildings at this site.

After reviewing this information, it has been determined that no further actions will be required from the WQD at this time. A complete write off cannot be given on this site because the lateral extent has not clearly been defined. However, it appears from the samples taken of the shale that the contamination is minor. If additional contamination investigations downgradient show contamination emanated from this site, additional work will be required.

Your cooperation in properly abandoning and investigating the contamination at this facility is appreciated. If you have additional questions or comments, please feel free to contact me at 777-7091.

Sincerely,

Edith L. Johnson
Groundwater Engineering Specialist
Water Quality Division

ELJ/nc

cc: Jake Strohmman, DEQ/WQD
Matt Langenfeld, DEQ/WQD

RF

PERMIT TO CONSTRUCT

*CONDITIONS ON PERMIT

- New
- Renewal
- Modified

Permit No. 89-315

Hamilton Dome Station
(Name of Facility)

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

Marathon Pipe Line Company
P. O. Box 3128
Houston, Texas 77253

to construct, install, or modify a road application of waste crude oil and sludge facility according to the procedures and conditions of the application No. 89-315. The facility is located in SE1/4 Sec.21, T45N, R96W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of 3 months (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

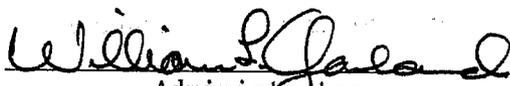
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

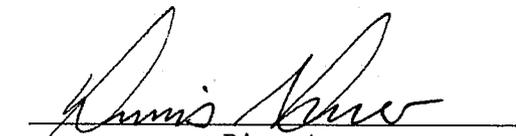
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

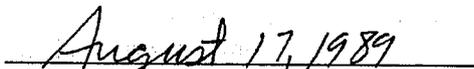
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

1. Waste oil and sludge shall be applied at a rate which will prevent runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The slope of the roads application shall not exceed 8 percent for vehicular application.

-
3. Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
 4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
 5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.
 6. Only the roads designated in this permit are authorized for application of the waste oil and sludge. Additional sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.

RF

PERMIT TO CONSTRUCT

*Conditions on Permit

- New
- Renewal
- Modified

Permit No. 89-316

Oregon Basin Station
(Name of Facility)

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

Marathon Pipe Line Company

P. O. Box 3128

Houston, Texas 77253

to construct, install, or modify a road application of waste crude oil and sludge facility according to the procedures and conditions of the application No. 89-316. The facility is located in NE1/4 Sec 20, T52N, R100W in the County of Park, in the State of Wyoming. This permit shall be effective for a period of 3 months (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

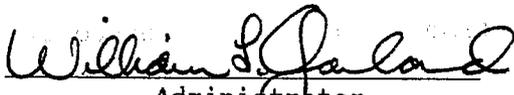
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

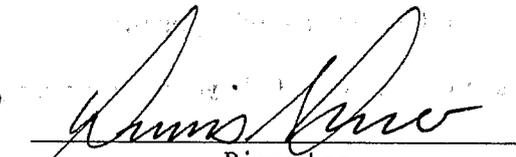
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

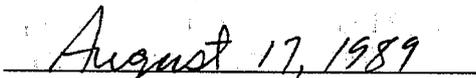
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

1. Waste oil and sludge shall be applied at a rate which will prevent runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
2. The slope of the roads application shall not exceed 8 percent for vehicular application.

-
3. Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
 4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
 5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.
 6. Only the roads designated in this permit are authorized for application of the waste oil and sludge. Additional sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.

2F

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 89-317

C & D Liquid Waste Evaporation Pond
 (Name of Facility)

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

Church & Dwight Co., Inc.

P. O. Box 123

Green River, WY 82935

to construct, install, or modify a 55 acre synthetically lined liquid waste inpoundment facility according to the procedures and conditions of the application No. 89-317. The facility is located in NW 1/4, Sec 31, T. 19N., R. 109 W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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

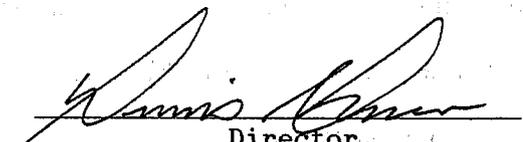
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

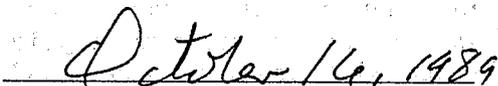
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

Conditions

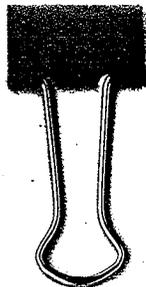
- 1) An additional groundwater monitoring well shall be installed Northeast of the proposed facility between existing wells NW-1 and 4-1. The new well in addition to existing wells NW-1, 4-1 and 4-4 should be sampled and analyzed for TDS, chloride, sulfate and pH on a quarterly basis beginning immediately. The results should be forwarded to the DEQ/Water Quality Division, 210 Lincoln Street, Lander, Wyoming 82520, when they become available.
- 2) After the facility is placed in operation the pond influent should be sampled and analyzed for all parameters listed in Chapter VIII of the Water Quality Rules and Regulations with the exception of radio nuclide. The results of this analysis should be submitted to the Water Quality Division in Lander for review. The results of this review may alter the groundwater monitoring program.



THE STATE

OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

250 Lincoln Street • Lander, Wyoming 82520

Air Quality Division
(307) 332-3144

Land Quality Division
(307) 332-3047

Solid Waste Management Program
(307) 332-6924

Water Quality Division
(307) 332-6755

April 9, 1991

Mr. John Strong
P. O. Box 37
Hyattville, WY 82428

ARCHIVES

SUBJECT: "As Built" Small Wastewater Facility
Permit No. 89-318RR

Dear Mr. Strong:

This letter is in response to the above mentioned facility. After reviewing the revised plans, they appear to meet the minimum design standards for the State of Wyoming. A "Permit to Construct" cannot be issued since the facility has already been built. Please retain this letter as verification that the facility has been accepted by the Wyoming Department of Environmental Quality.

Sincerely,

Steve Gerber, P.E.
Northwest District Supervisor

SG/jyi



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

RECEIVED

FEB 7 1991



WATER QUALITY DIVISION

Department of Environmental Quality

210 Lincoln Street • Lander, Wyoming 82520

Air Quality Division
(307) 332-3144

Land Quality Division
(307) 332-3047

Solid Waste Management Program
(307) 332-3144

Water Quality Division
(307) 332-3144

CERTIFIED P 584 340 668

February 6, 1991

Mr. John Strong
P.O. Box 816
Worland, WY 82401

Dear Mr. Strong:

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: Strong SWTF

DEQ/WQD Reference Number: 89-318

Engineering Consultant: N/A

DEQ/WQD Review Engineer: Steve Gerber

Date of DEQ/WQD Review: August 10, 1989

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 canceled.

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

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

_____ Other Remarks: _____

You are reminded that the construction, installation, or modification of any sewage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a permit to Construct is a violation of Wyoming State Statutes, and is punishable with a fine not to exceed \$10,000 for each day of

Mr. John Strong
February 6, 1991
Page 2

violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,



Steve Gerber, P.E.
Northwest District Supervisor

SG/anc

cc: IPS, DEQ/WQD, Cheyenne

R.F.

LAND APPLICATION PERMIT

PERMIT NO.: 89-319
SEE SPECIAL CONDITIONS

Oregon Basin Station Rd
(Name of Facility)

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

Amoco Production

P.O. Box 127

Meeteetse, WY 82433

to land apply 175 barrels of waste oil sludge. The application site is located in Sec. 8, T51N, R100W in the county of Park in the State of Wyoming.

This permit shall be effective for a period of One (1) year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

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

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

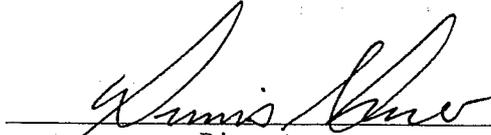
Nothing in this permit shall be construed to preclude the constitution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

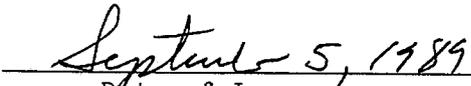
The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringements of federal, state or local laws or regulations.

Land Application Permit
Oregon Basin Station
89-319
Page 2

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality


Date of Issuance

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

CONDITIONS ON PERMIT

1. Wastewater shall be applied at a rate which will not produce runoff or ponding. Applications shall not be initiated where saturated soil conditions exist.
2. The application site slope shall not exceed 8 percent for vehicular application.
3. Wastewater application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainage, irrigation canals, lakes and reservoirs.
4. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
5. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed as it is applied. Waste will not be applied during the period from November 1 to April 30.

SR/anc

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 89-320R

SP-H13 & SP-H14
(Name of Facility)

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

Black Butte Coal Company

P.O. Box 98

Point of Rocks, WY 82942

to construct two sediment ponds (SP-H13 and SP-H14) according to the procedures and conditions of the application No. 89-320R. The facility is located in Section 14 & 15, T18N, R100W in the County of Sweetwater, 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.

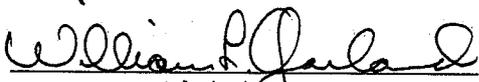
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

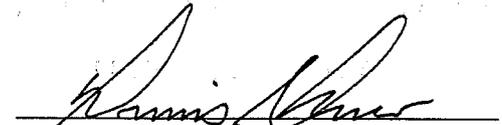
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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



Date of Issuance

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

R.F.

PERMIT TO CONSTRUCT

PERMIT NO. 89-321
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Burlington Northern Railroad - Casper Yard

This permit hereby authorizes the applicant:

Enerlog/TIS Inc.
7950 South Lincoln Street, Suite 106
Littleton, CO 80122

to construct, install or modify groundwater monitoring wells according to the procedures and conditions of the application number 89-321. The facility is located in Section 4, T33N, R79W, NW SE ¼ 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.

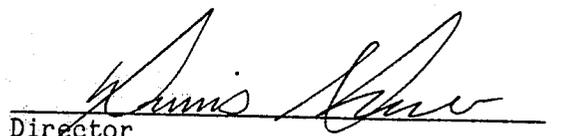
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Engineer,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


Administrator
Water Quality Division


Director
Department of Environmental Quality

September 5, 1989
Date of Issuance

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

Conditions for Permit to Construct #89-321

1. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-321. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.

Conditions to Permit 89-321 (continued)

6. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level. Factory slotted casing is recommended for the perforated interval;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. A protective casing and locking cap is strongly recommended;
 - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - j. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
7. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
8. Within 90 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
 - a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. Final location, construction details and logs of all monitoring wells;
 - d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - e. Water level and product thickness measurements;

Conditions to Permit 89-321 (continued)

- f. Sample collection procedures;
 - g. Sampling analytical results;
 - h. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - i. A potentiometric surface map showing the direction of groundwater movement; and
 - j. Interpretation of data and conclusions including recommended remedial measures.
9. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
10. All monitor wells associated with this facility shall be sampled and the wastewater analyzed for the parameters listed below:

BETX, TPH

The results of these analyses shall be submitted to the Cheyenne office and the report due in 90 days. If free product is encountered, these analyses will not be required, however, the thickness of the product layer will be given. Depending on the results of these analyses, additional sampling and analysis may be required by the Water Quality Division. A sampling schedule will be developed at that time.

11. All inventory records for a year prior to the report of a spill shall be submitted to the DEQ/WQD within 15 days of receipt of this permit. Reconciled inventory records with the volume of the spill specified shall be submitted to the DEQ/WQD within 45 days of receipt of this permit.
12. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.

DM/jt

xc: Jake Strohmman, DEQ/WQD

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 89-322

Wyoming National Guard Armory
(Name of Facility)

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

Wyoming Military Department

P. O. Box 1709

Cheyenne, WY 82002

to construct a 6 inch diameter sewer service to the Rock Springs National Guard Armory facility according to the procedures and conditions of the application No. 89-322. The facility is located in SW 1/4, Sec 10, T19N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of (two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

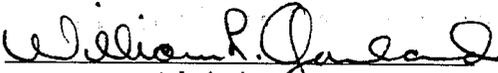
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

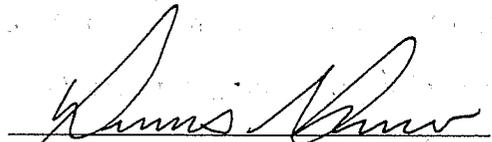
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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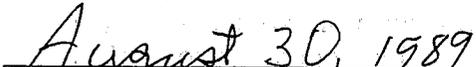
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 89-323RRRR
SEE SPECIAL CONDITIONS

DEVIL'S TOWER KOA SEPTIC SYSTEM
(Name of Facility)

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

Ellen Driskill

P. O. Box 77

Devil's Tower, Wyoming 82714

to construct, install or modify a wastewater disposal facility according to the procedures and conditions of the application No. 89-323RRRR. The facility is located in Section 8, T.53N., R.65W., in the County of Crook, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

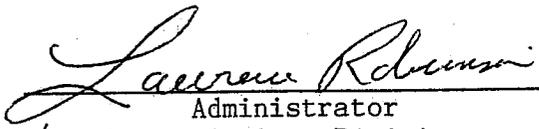
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

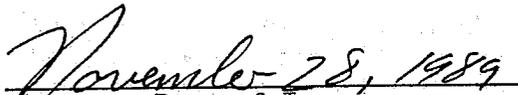
AUTHORIZED BY:



Administrator
for Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

SPECIAL CONDITIONS

1. Prior to operation of the proposed disposal system, the domestic use of the two wells located within 225 feet of the proposed system will need to be terminated.
2. Any alternate use of the two wells utilizing the shallow aquifer within the contaminant plume will be required to be monitored on a quarterly basis.
3. After the wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

SPECIAL CONDITIONS (continued)

4. Any new wells will need to have WQD authorization prior to installation.
5. The proposed deep well shall be sampled for two consecutive quarters after both the disposal system and the well have been in operation for a period of six months.
6. In the event contamination associated with this facility is detected in the Belle Fourche River, then the WQD will require monitoring and possibly mitigation.
7. Any monitoring associated with this facility shall be sampled and the wastewater analyzed quarterly for the following parameters: TDS, pH, SWL, Fecal Coliform, SO₄, NO₂ and NO₃ as N, and NH₃ as N.
8. In the event property ownership changes, the new owner must be notified by permittee of the conditions of this permit.
9. All modifications to the water distribution and wastewater disposal systems will need to have WQD authorization prior to installation.

GB:jj

RT

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF WYOMING
GROUNDWATER POLLUTION CONTROL PERMIT
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS
(Permit to Inject)

(X) New

Permit Number:

() Modified

89-324
UIC CLASS 5X26

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

Harvey Heinbach
1531 Redmond Road
Cheyenne, WY 82009

is authorized to operate

and install a hydrocarbon recovery system and attached drainfield in the SE $\frac{1}{4}$, NE $\frac{1}{4}$, Section 13, T31N, R70W in Converse County, Wyoming

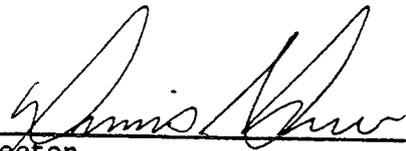
according to procedures and conditions of the application 89-324 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.



Administrator
Water Quality Division
Herschler Building, 122 W. 25th
Cheyenne, WY 82002
Phone: (307) 777-7781

Sept 12, 1989
Date



Director
Department of Environmental Quality
Herschler Building, 122 W. 25th
Cheyenne, WY 82002

September 12, 1989
Date

A. Discharge (Injection) Zone and Area of Review

Injection is authorized at a depth approximately 4 feet below the ground surface via a gravity fed PVC effluent discharge line emanating from the hydrocarbon recovery and treatment system. Injection into any other interval is not authorized by this permit.

This permit authorizes the collection and treatment of waters extracted from the operation of the recovery well, separator tank, and bubbler system, but does not authorize wastewater treatment or disposal by any method or procedure other than that described in this permit or its conditions thereof. Nor does this permit authorized the discharge of wastes to the surface or into any surface drainage.

B. Groundwater Classification

The waters in this aquifer are Class I groundwaters of the state, based upon the prior use of this location.

C. Authorized Operations

The permittee is authorized to inject waters as generated by the recovery and treatment of groundwaters on this site (H&H Orin Service Station), into the aquifer restoration drainfield attached to these groundwater cleanup facilities. The following table contains a list of absolute permit limitations; Nothing shall be injected that exceeds these limitations:

<u>PARAMETER</u>	<u>CONCENTRATION (ug/l)</u>
Benzene	5
Ethylbenzene	680
Toluene	2000
Total Xylenes	440
Total Petroleum Hydrocarbons	5000

The authorized maximum injection rate (volume) is 0.75 gpm. These volume limitations are based upon the maximum infiltration rate that the underlying materials will allow. In the event that the injection rate exceeds authorized limitations, the violation shall be reported pursuant to Section I.6 of this permit.

This permit does not allow for the injection of any material that is either characteristic or listed hazardous waste as defined in 40 CFR 261. Injection of any such hazardous waste is a violation of this permit and shall be reported pursuant to Section I.6 of this permit.

The issuance of this permit provides that the Department of Environmental Quality, Water Quality Division (DEQ/WQD) has evaluated and determined that the application meets the 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 DEQ 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 notify representatives from the DEQ/WQD 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, DEQ/WQD, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

Construction Details of the Recovery Well, Separator Tank, and Bubbler System

1. Construction of the recovery well has been reviewed by the DEQ/WQD as meeting the minimum applicable construction and design standards of the Environmental Quality Act.
2. The recovery well is to operate with a total fluids pump, controlled by high/low fluid level indicators. The high/low fluid indicators shall be positioned to maintain a constant drawdown of the water table. Groundwater generated from the recovery well shall be discharged to an above ground separator tank.
3. A vented stand pipe and high/low fluid indicator will maintain a constant fluid level in the separator tank. The separator tank shall have a capacity sufficient to meet the discharge requirements of this permit.

4. A gasoline release to the infiltration system shall be prevented by a conductivity probe placed two feet above the discharge port, inside the tank. In the event gasoline is detected by the probe, the probe shall initiate shut down of the pump. Once the pump is shut down, there can be no further discharge to the infiltration system.
5. The construction specifications and design plans for the bubbler system have been reviewed by the DEQ/WQD as meeting the minimum applicable construction and design standards of the Environmental Quality Act.
6. A continuous recording device shall be installed to monitor flow rates to the infiltration system. Once the amount of product entering the separator tank can be determined, the applicant shall implement a schedule for separator tank inspection and product removal and disposal to be approved by the DEQ/WQD prior to the removal and/or disposal of product.

Construction Details of the Drainfield

1. The construction specifications and design plans for the drainfield system have been reviewed by the DEQ/WQD as meeting the minimum applicable construction and design standards of the Environmental Quality Act.
2. The drainfield shall be constructed such that the authorized discharge rate of 0.75 gpm is not exceeded using the construction and design specifications detailed in this application.

Miscellaneous Conditions to Permit 89-324

1. Once the hydrocarbon recovery system has been installed, the owner shall provide the DEQ/WQD with a report that details the logs, for all wells installed under this permit, construction as-built plans, elevations of the tops of all wells, and surface water levels in all wells.
2. The issuance of this permit does not relieve the permittee from obligations to complete a Corrective Actions study and any future remedial actions which may be required.
3. The permittee shall notify the division of the name, phone number and address of the on-site operator of the recovery system.
4. The permittee shall operate the recovery system continuously unless DEQ/WQD allows other operational plans. The division shall be notified immediately in the event that the hydrocarbon recovery system is not

operational for more than 24 hours.

5. Prior to operation of the hydrocarbon recovery system, an Operation and Maintenance Manual shall be provided to the division for approval and to all operators. The O & M Manual shall contain, at a minimum, a schematic, operations guide, maintenance schedule, troubleshooting guide, discharge requirements and limitations, DEQ/WQD contact, provisions in the event of a spill, methods for handling and disposing of hydrocarbon product and contaminated water in a proper manner, and safety requirements.
6. The hydrocarbon recovery system shall be "winterized" to prevent freeze-up and breakdown.
7. In the event the system does not operate as planned or effectively recover the gasoline product layer, provisions shall be made for correcting the deficiencies. In the event, the hydrocarbon product and related dissolved constituents shall be recovered and cleaned up in a timely and diligent manner until released by the DEQ/WQD.

D. Proper Operation and Maintenance

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

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

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

E. Entry and Inspection

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

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

F. Environmental Monitoring Program for Groundwaters of the State

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

The prescribed program for this permitted activity is as described in GPC permit NO. 88-526. The issuance of this permit in no way limits the obligations of the permittee to the requirements of permit 88-526. In addition to those requirements, groundwater flow gradient maps and hydrocarbon product thickness maps shall be provided during the reporting schedules set forth in this application.

G. Requirements for Monitoring the Discharge

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

The results of any analysis conducted on soil or water removed from this recovery system and drainfield during the lifetime of the facility shall be provided to the DEQ/WQD as soon as they are available.

An effluent sample shall be collected immediately after system start up. The sample shall be analyzed for benzene, ethylbenzene, toluene, and total xylenes (BETX) and total petroleum hydrocarbons (TPH).

Periodic sampling shall continue during the system's operating life. Representative samples of the effluent shall be analyzed for BETX and TPH once per week for the first month of operation (or until the system is operating efficiently) and quarterly thereafter.

A status report shall be provided to the DEQ/WQD 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 and hydrocarbon product, downtime and dates, effectiveness of the recovery system, monitoring data for all monitor wells, groundwater flow gradient maps, hydrocarbon product thickness maps, injection rates as recorded via the continuous recording device, and the recovery well current pumping rates and radius of influence. The quarterly reports required under permit 88-526 shall be combined into the quarterly reports for this permit.

An annual report shall be submitted and include the fourth quarterly report and the following additional information:

- a. A graphical representation of the hydrocarbon thickness and groundwater gradient changes as a result of the system operations.
- b. Overall effectiveness of the system operations and recommendations for more productive operation of the system as applicable.

Pending DEQ/WQD of the annual reports, a reduction in sampling parameters and/or frequency and effluent limitations may be granted without amending this permit.

H. Test Procedures

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

I. Records and Reports

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

A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 6. above.
8. Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.

9. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
10. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator, and
 - b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.
11. Annual reports shall be submitted to the administrator within 30 days following the anniversary date of the permit.
12. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

J. Permit Actions

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

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

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

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

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

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

Public notice of the permit review and request for public comment will be made every 10 years by the administrator.

K. Mechanical Integrity

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

THIS SECTION IS NOT APPLICABLE TO THIS PERMIT APPLICATION.

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

L. Abandonment

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

All wells shall be abandoned according to the procedures specified in Chapter XI, Part G, Section 70 of the DEQ/WQD Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the permittee shall file a plugging record with the DEQ/WQD.

Prior to the dismantling of the recovery system and drainfield the owner shall submit to DEQ/WQD a report detailing the procedures proposed for review and approval of the Director.

M. Duties of the Permittee

It is a duty of the permittee to:

1. Comply with all permit conditions;
2. Halt or reduce activity -- it shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the

permit conditions;

3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit;
4. Furnish to the administrator within a reasonable time, any information which the administrator may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit; and furnish to the administrator, upon request, copies of records required to be kept by this permit.

N. Financial Responsibility

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

Not Applicable.

O. Special Measures the Director Finds Necessary:

Not Applicable.

P. Special Permit Conditions:

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

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

Q. Signatories Requirement

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

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

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

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

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

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

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

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

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

R. Noncompliance

Any permit noncompliance constitutes a violation of the permit.

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

S. Permit Transfer

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

T. Responsibilities

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

U. Property Rights

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

V. Severability

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

ELJ/jt

R7

PERMIT TO CONSTRUCT

PERMIT NO. 89-325
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Hernandez #1

This permit hereby authorizes the applicant:

Robert and Cynthia Hernandez
2315 Alexander
Cheyenne, WY 82001

to construct, install or modify septic tank and drainfield according to the procedures and conditions of the application number 89-325. The facility is located in Stearns Subdivision, Tract 5, NE1/4, Section 13, T14N, R66W in the county of Laramie, 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

August 30, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-325

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.

LBH/mad

cc: Laramie County Environmental Health

R7

PERMIT TO CONSTRUCT

PERMIT NO. 89-326
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Home Ranch Combined Septic System

This permit hereby authorizes the applicant:

Home Ranch/Joe Miller & Co.
13 Mandel Lane
Laramie, WY 82070

to construct, install or modify combined septic system and drainfield according to the procedures and conditions of the application number 89-326. The facility is located in SW1/4, NE1/4, Section 3, T16N, R76W in the county of Albany, in the State of Wyoming. This permit shall be effective for a period of ninety days (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

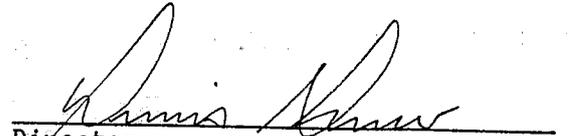
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 30, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-326

1. This was an existing system installed on a large ranch without knowlege of permitting requirements. In order to resolve the violation of permit requirements, the ranch management agreed to submit plans for approval. In order to meet design requirements as set forth in State of Wyoming Water Quality regulations it is necessary to increase the size of the drainfield from 22X55 to 48X55. If this construction is not completed in 90 days a notice of violation may be issued.

LBH/mad

cc: Albany County/City Planning

PERMIT TO CONSTRUCT
Conditions on Permit

[X] New

Permit No. 89-327

[] Renewal

[] Modified

Supply Well 3, Pumphouse/ Chlorination Bldg, Transmission Line
Storage Tank Excavation
(Name of Facility)

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

West Gros Ventre Butte Water District

P.O. Box 912

Jackson, WY 83001

to construct Water supply well No. 3, pumphouse/chlorination bldg; Water transmission line, excavation only for water storage tank according to the procedures and conditions of the application No. 89-327. The facility is located in Sec. 19, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

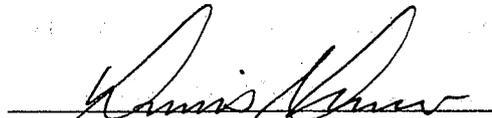
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

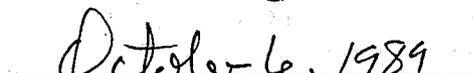
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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


Date of Issuance

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

This permit is issued with the following condition:

Well No. 3 must be sampled and the water analyzed for the appropriate EPA drinking water parameters as soon as possible. The results must be submitted to this office and the EPA within 30 days of sampling.

The well may be utilized only if the water quality meets the EPA drinking water minimum standards.

R.F.

LAND APPLICATION PERMIT

PERMIT NO.: 89-328R
SEE SPECIAL CONDITIONS

R & C Truck, Inc.
(Name of Facility)

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

Raymond & Cynthia DeVries

P.O. Box 1249

Thermopolis, WY 82443

to land apply 27 cy of oil sludge. The application site is located in Sec. 2, T42N, R95W in the county of Hot Springs in the State of Wyoming. This permit shall be effective for a period of two (2) months from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable standards. The authority to land apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

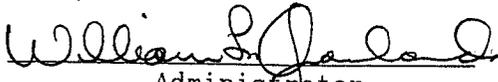
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

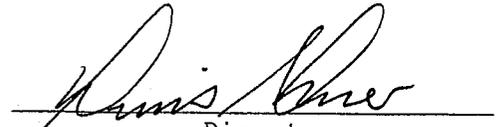
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the application site at the above location, for the purpose of compliance with the provisions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

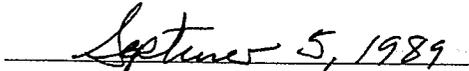
Nothing in this permit shall be construed to preclude the constitution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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 infringements of federal, state or local laws or regulations.

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality


Date of Issuance

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

LAND APPLICATION STANDARD CONDITION

1. Oil sludge shall be applied at a rate which will not produce runoff or ponding. Applications shall not be initiated where saturated soil conditions exist.
2. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Steve Gerber phone number 332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of discharges and must be informed how much wastewater will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
3. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed as it is applied. Wastes will not be applied after November 1.

R.F.

PERMIT TO CONSTRUCT

PERMIT NO. 89-329
SEE SPECIAL CONDITIONS

- New
- Renewal
- Modified

Gas Hills Monitoring Wells (AML Project 16E)

This permit hereby authorizes the applicant:

Lidstone and Anderson
736 Whalers Way, #F-200
Fort Collins, CO 80525

to construct, install or modify network of at least 7 monitoring wells according to the procedures and conditions of the application number 89-329. The facility is located in Section 14, 15, 22, and 23, T33N, R89W 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.

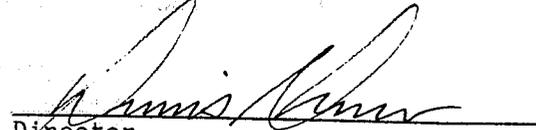
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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.

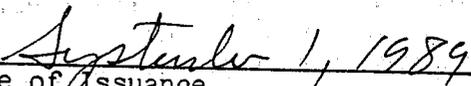
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality



Date of Issuance

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

Conditions for Monitoring Wells Permit #89-329

1. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-329. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.

Conditions to Permit 89-329 (continued)

6. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level. Factory slotted casing is recommended for the perforated interval;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. A protective casing and locking cap is strongly recommended;
 - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - j. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
7. Within 90 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
 - a. A site map showing physical features, well locations and elevations;
 - b. Final location, construction details and logs of all monitoring wells;
 - c. Water level;
 - d. Sample collection procedures;
 - e. Sampling analytical results;
 - f. A potentiometric surface map showing the direction of groundwater movement; and
 - g. Interpretation of data and conclusions including recommended remedial measures.

Conditions to Permit 89-329 (continued)

8. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
9. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.

RS/jt

xc: Jake Strohman, DEQ/WQD



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

Administration
(307) 777-7937

Air Quality Division
(307) 777-7391

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

Solid Waste Management Program
(307) 777-7752

Water Quality Division
(307) 777-7781

May 10, 1990

Mr. Delbert Peterson
5304 Carter Road
Cheyenne, WY 82009

RE: Reinstatement of Permit to Construct #89-330 for septic tank and drainfield

Dear Mr. Peterson:

As you were constructing the drainfield allowed under the above permit you encountered groundwater. As the regulations require that the bottom of the drainfield be four feet above the seasonally high groundwater, construction was stopped. The State and County appreciate your concern and cooperation in this matter.

Subsequent investigation has revealed that the groundwater is artificially elevated by the recharge from the flood retaining pond immediately north of your property. This recharge is greatly increased due to erosion of the drainway below the outlet culvert. As the flood retaining pond is under the care to the City of Cheyenne, they have agreed to make the necessary repairs in the near future.

Based on the results of the geotechnical investigation, you are authorized to proceed with the installation of the drainfield as authorized by Permit #89-330 provided that groundwater does not stand in the trench excavated for the drainfield. When the City repairs the drainway, the water table should drop enough to allow the required separation between the drainfield and the water table.

As Permit #89-330 has been reinstated, no need exists for your Permit Application #90-092. It has been returned without action.

Sincerely;

Louis B. Harmon PE
Southeast District Supervisor
Water Quality Division

LBH/nc

cc: Laramie County Environmental Health
Mr. George Barnes, City of Cheyenne Engineer

RF

PERMIT TO CONSTRUCT

PERMIT NO. 89-330
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

DELBERT PETERSON SEPTIC TANK AND DRAINFIELD

This permit hereby authorizes the applicant:

Delbert Peterson
5304 Carter Road
Cheyenne, WY 82001

to construct, install or modify a septic tank and drainfield according to the procedures and conditions of the application number 89-330. The facility is located in Sunnyside Addition, Tract 242, SW $\frac{1}{4}$ Section 26, T14N, R66W in the county of Laramie, 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.

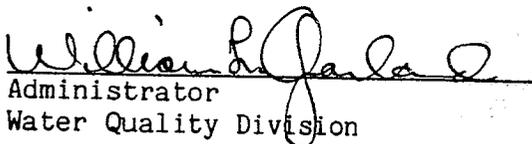
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

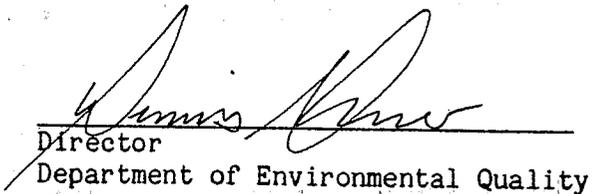
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Department of Environmental Quality

August 30, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 89-330

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.
5. This permit is issued as an exemption to the 201 Agreement requiring connection to the City of Cheyenne Waste Treatment System. At such time as sewer service becomes available use of this system must be discontinued.

LBH/jn

cc: Laramie County Health Department

THE STATE



OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

210 Lincoln Street • Lander, Wyoming 82520

RECEIVED

Air Quality Division
(307) 332-3144

Land Quality Division
(307) 332-3047

Solid Waste Management Program
(307) 332-3144

Water Quality Division
(307) 332-3144

WATER QUALITY DIVISION
December 14, 1989
WYOMING

Mr. Robert Peterson
Petroleum Management
Suite 1700
1600 Broadway
Denver, CO 80202

RE: Quadra Oil & Gas Land Application
WQD Ref. # 89-331

Dear Mr. Peterson:

Per your letter date December 4, 1989, the above referenced application will be cancelled since you do not wish to proceed with the permit to construct process.

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

Sincerely,

William L. Garland
Administrator

WLG/SG/anc

cc: IPS, DEQ/WQD, Cheyenne

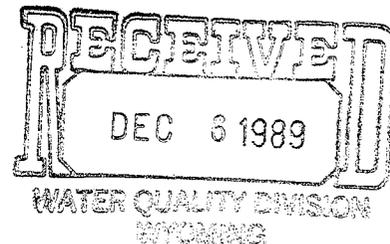


P&M

PETROLEUM
MANAGEMENT

SUITE 1700 • 1600 BROADWAY • DENVER • COLORADO 80202 • PHONE (303) 861-2470

December 4, 1989



Mr. Steve Gerber
DEQ
State of Wyoming
210 Lincoln Street
Lander, WY 82520

Dear Mr. Gerber:

We wish to cancel Application #89-331 for Quadra Oil & Gas Inc. signed by Jack Binkley.

Respectfully yours,

Robert W. Peterson

RWP:lt

State Engineer permits been obtained? NA Yes No

provide permit number(s) _____

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: _____

see attached sheet

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: Quadra Oil & Gas

Address: 1625 Broadway Ste. 2070

Denver, Co 80202
(City, State, Zip)

Phone 303-592-5190

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.

Jack B. Binkley
Signature of Applicant
p+m Petroleum

8-12-89 Date

PERMIT TO CONSTRUCT

PERMIT NO. 89-332
SEE SPECIAL CONDITIONS

- X New
- Renewal
- Modified

Pronghorn Const. Septic System

This permit hereby authorizes the applicant:

Pronghorn Const. % Bernie Lowery
P.O. Box 263
Cheyenne, WY 82003

to construct, install or modify septic tank and drainfield according to the procedures and conditions of the application number 89-332. The facility is located in Tract 19, Archer Estates, 4th Filing, Section 15, T14N, R65W in the county of Laramie, 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: Southeast District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Department of Environmental Quality

August 30, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-332

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.

LBH/mad

cc: Laramie County Environmental Health

R7

PERMIT TO CONSTRUCT

PERMIT NO. 89-333
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Hayes Septic Tank and Drainfield

This permit hereby authorizes the applicant:

Hayes Construction Inc.
P.O. Box 1422
Cheyenne, WY 82003

to construct, install or modify septic tank and drainfield according to the procedures and conditions of the application number 89-333. The facility is located in Tract 15, Gun Hill, NE1/4, Section 5, T14N, R66W in the county of Laramie, 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.

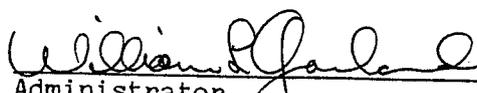
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: Southeast District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

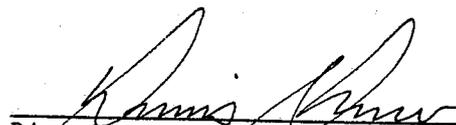
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 31, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT # 89-333

1. A homeowner is allowed to construct up to one installation a year. All other installations shall be done by a Laramie County licensed installer.
2. All septic tank cleaning shall be done by Laramie County licensed haulers.
3. Notify the City County Health Unit, 1710 Snyder Avenue, Cheyenne, Wyoming 82001, telephone number 638-8545 at least 48 hours before construction is to begin to schedule inspection services.
4. Laramie County requires a Zoning Certificate (aka building permit) to be issued for any structure built, placed, or erected within the zoned area which is within 5 miles of any city limits prior to the construction or placement of a structure. Contact the County Engineer and Zoning Office for this permit. The address is 2507 East Fox Farm Road, telephone 638-4303. This is the county office which issues addresses which are necessary to obtain other services.

LBH/jt

xc: Laramie County Environmental Health

R7

PERMIT TO CONSTRUCT

PERMIT NO. 89-334
SEE SPECIAL CONDITIONS

- New
- Renewal
- Modified

CASPER INDUSTRIAL WASTE FACILITY

This permit hereby authorizes the applicant:

Casper Industrial Waste Facility
200 North David Street
Casper, WY 82601

to construct, install or modify a Non-hazardous Industrial Waste Facility according to the procedures and conditions of the application number 89-334. The facility is located in Section 2, T33N, R79W 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.

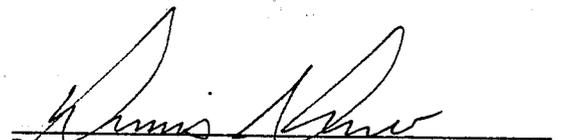
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

August 30, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 89-334

1. Only tested non-hazardous waste will be received by this facility. Consequently redundant seals and leak monitoring are not included in the design nor are such items required.

LBH/jn

PERMIT TO CONSTRUCT

New

Permit No. 89-335

Renewal

Modified

Tuboscope Inspection Facility
(Name of Facility)

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

Tuboscope, Inc.

P.O. Box 808

Houston, TX 77001

to install soil borings and groundwater monitoring wells for extent of contamination study at a LUST site according to the procedures and conditions of the application No. 89-335. The facility is located in NE 1/4, Sec. 2, T19N, R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

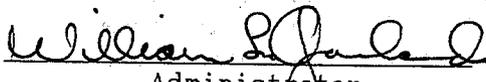
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

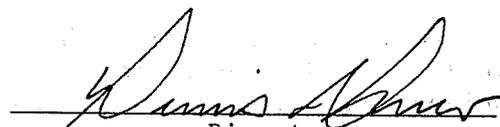
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

August 30, 1989
Date of Issuance

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

Conditions for Monitoring Wells

1. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-335. Additional wells

meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
6. In addition to the well construction information submitted with the permit application, the following items relating to well construction must be addressed when the wells are installed:
 - a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation

- size and the geologic materials encountered within the perforated interval;
- f. Factory slotted casing is recommended for the perforated interval. Slotted casing shall extend 1-2 feet above highest expected groundwater table;
 - g. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - h. A protective casing and locking cap is strongly recommended;
 - i. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - j. A seal of bentonite or bentonite grout is required from the surface to at least one foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - k. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
7. Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. Final location, construction details and logs of all monitoring wells;
 - d. Geohydrolic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - e. Water level and product thickness measurements;
 - f. Sample collection procedures;
 - g. Sampling analytical results;
 - h. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;

- i. A potentiometric surface map showing the direction of groundwater movement; and
 - j. Interpretation of data and conclusions including recommended remedial measures.
8. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
 9. All monitor wells associated with this facility shall be sampled and the wastewater analyzed twice within a two week period for the parameters listed below:
TPH, BETX
- The results of these analyses shall be submitted to the Water Quality Division Lander.
10. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.

PERMIT TO CONSTRUCT

New

Permit No. 89-336R

Renewal

Modified

Cooley 3rd - Sanitary Sewer Improvements
(Name of Facility)

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

Town of Pinedale

P.O. Box 709

Pinedale, WY 82941

to construct a 6" diameter sewer collection line and duplex lift station according to the procedures and conditions of the application No. 89-336R.

The facility is located in NW 1/4, Sec. 3 T33N, R109W in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

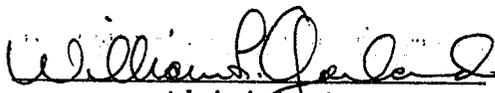
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

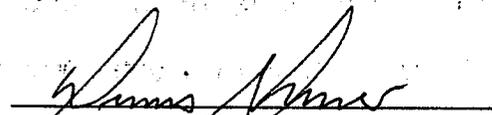
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

September 8, 1989
Date of Issuance

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

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 89-337
(Ref. 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. 89-337 (Ref. 86-511R). The facility is located in Section 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 ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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

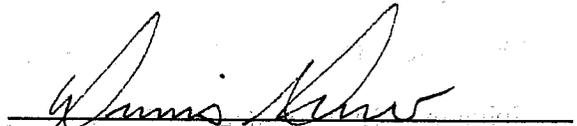
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality

August 28, 1989
Date of Issuance

This permit does not supersede 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, Wyoming 82834

BJ/jj

PERMIT TO CONSTRUCT

PERMIT NO. 89-338
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Burns Farms Cooperative

This permit hereby authorizes the applicant:

Burns Farms Cooperative Supply Association
P O Box 75
Burns, WY 82052

to construct, install or modify soil borings according to the procedures and conditions of the application number 89-338. The facility is located in SE Section 19, T14N, R62W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of one year (5 years maximum) from the date of issuance of this permit.

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

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

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

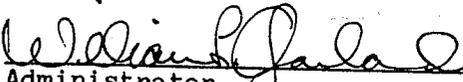
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

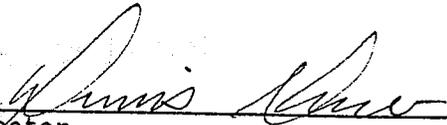
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 28, 1989
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-338

1. The soil borings shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-338. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. After the soil borings have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations.
3. Where a boring penetrates more than one aquifer or water bearing strata, every aquifer and/or strata shall be sealed off according to Chapter XI, Part G, Section 68 of the Wyoming Water Quality Rules and Regulations.
4. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD.
5. Within 45 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
 - a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, boring locations;
 - c. Construction details and logs of all borings;

Conditions to Permit 89-338 (continued)

- d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - e. Sample collection procedures;
 - f. Sampling analytical results;
 - g. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - h. Interpretation of data and conclusions including recommended remedial measures.
6. All borings installed at the facility shall be sampled and the collected soils analyzed for the parameters listed below:

Total petroleum hydrocarbons
Benzene
Toluene
Ethylbenzene
Total xylenes

SCF/nc

cc: Jake Strohman

R.F.

PERMIT TO CONSTRUCT

PERMIT NO. 89-339
See Conditions

New
 Renewal
 Modified

Natrona County International Airport

This permit hereby authorizes the applicant:

Natrona County International Airport
Casper, WY 82604

to construct, install or modify monitor well system according to the procedures and conditions of the application number 89-339. The facility is located in S20, T34N, R80W in the county of Natrona, 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

August 31, 1989

Date of Issuance

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

Conditions to Permit to Construct 89-339

1. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-339. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.
6. In addition to the well construction information submitted with the permit

Conditions to Permit 89-339 (continued)

application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:

- a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level. Factory slotted casing is recommended for the perforated interval;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. A protective casing and locking cap is strongly recommended;
 - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - j. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
7. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
8. Within 45 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. Final location, construction details and logs of all monitoring wells;
 - d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - e. Water level and product thickness measurements;
 - f. Sample collection procedures;

Conditions to Permit 89-339 (continued)

- g. Sampling analytical results;
 - h. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - i. A potentiometric surface map showing the direction of groundwater movement; and
 - j. Interpretation of data and conclusions including recommended remedial measures.
9. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
 10. All monitor wells associated with this facility shall be sampled and the wastewater analyzed one time for the parameters listed in the permit to construct application 89-339.
 11. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.
 12. The time schedule for plan implementation as submitted in the proposal shall be adhered to.

SCF/mad

cc: Jake Strohman

R.F.

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 89-340
 Reference 89-100R

Jackson - Gill Addition Water Improvements
 (Name of Facility)

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

Town of Jackson

P.O. Box 1687

Jackson, WY 83001

to construct 1470 feet of 8 inch DIP according to the procedures and conditions of the application No. 89-100R. The facility is located in Sec. 27, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

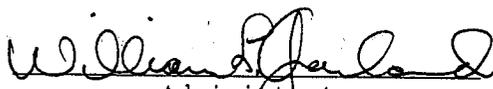
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

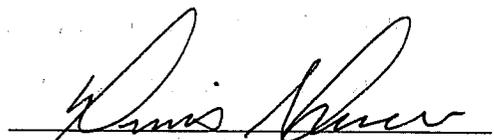
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

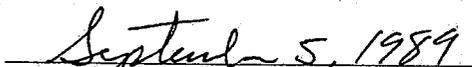
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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


Date of Issuance

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

RF

PERMIT TO CONSTRUCT

PERMIT NO. 89-341
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Bill Wade Septic Tank and Drainfield

This permit hereby authorizes the applicant:

Bill Wade
Box 564
Wheatland, WY 82201

to construct, install or modify septic tank and drainfield according to the procedures and conditions of the application number 89-341. The facility is located in Section 23, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of three years (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

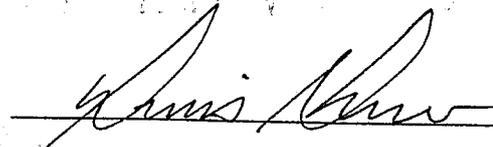
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

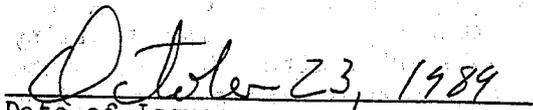
AUTHORIZED BY:



Administrator Director
Water Quality Division



Department of Environmental Quality



Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-341

Please notify Louis Harmon at 777-7088, Department of Environmental Quality, Water Quality Division, before back filling the septic tank after completion of construction.

LBH/nc

PERMIT TO CONSTRUCT

R.F.

PERMIT NO. 89-342
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

WHISKEY SPRINGS UNIT

This permit hereby authorizes the applicant:

Texaco, Inc.
P. O. Box 1629
Rock Springs, WY 82902-1629

to construct, install or modify groundbed anodes according to the procedures and conditions of the application number 89-342. The facility is located T12 and 13N, R114 and 115W in the County of Uinta, 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.

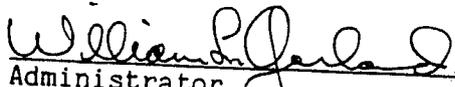
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

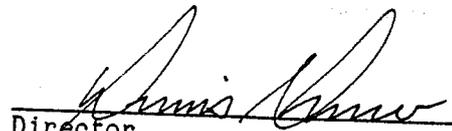
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 31, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 89-342

1. The cathodic protection deep anode ground bed well shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 89-342.
2. After the deep anode ground bed well has fulfilled its useful purpose, it shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after the well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.
3. In addition to the anode bed construction information submitted with the permit application, the following items relating to well construction must be addressed when the well is installed:
 - a. Bentonite grout seal installed to a depth just above coke breeze.
 - b. The coke breeze backfill has a total organic content no greater than 0.2 percent.
 - c. All aquifers encountered while drilling shall be isolated with polymer mud to prevent co-mingling of different aquifers or each aquifer shall be isolated, sampled and analyzed for all parameters contained in Table I of Chapter VIII of Wyoming Water Quality Rules and Regulations. If aquifers are of the same class of use as determined by the Department of Environmental Quality, intermingling may be allowed.
4. Within 45 days after each anode has been installed, as-built construction plans need to be submitted to the Wyoming Department of Environmental Quality, Water Quality Division, detailing that the groundwater was protected during construction.
5. Up to 50 similar anodes may be installed during the term of this permit and in the four townships covered by this permit. All installations to have similar construction specifications.

RL/jn

cc: Jake Strohman, DEQ/WQD

46

PERMIT TO CONSTRUCT

PERMIT NO. 89-343
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

PARK AVENUE AND ELEVENTH STREET SEWER LINE REPLACEMENT

This permit hereby authorizes the applicant:

TOWN OF WHEATLAND
600 9th Street
Wheatland, WY 82201

to construct, install or modify sewer line replacement according to the procedures and conditions of the application number 89-343. The facility is located in Section 13, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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

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

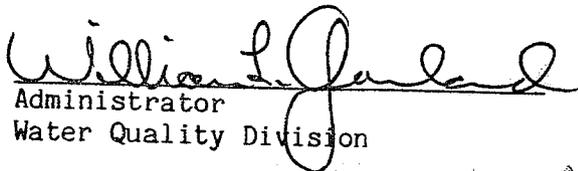
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

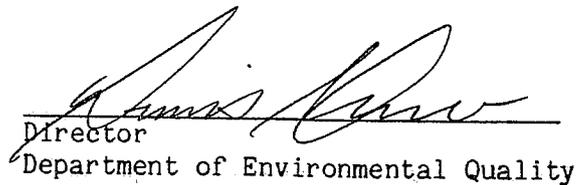
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Southeast District Engineer,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

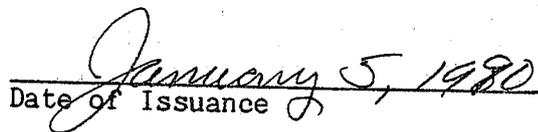
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Department of Environmental Quality


Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #89-343

This permit is issued for the revised plans using only 8 inch diameter lines.

LBH/nc

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

PERMIT TO CONSTRUCT

New

Permit No. 89-344R

Renewal

Modified

S & S Chemical Soil Absorption System
(Name of Facility)

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

S & S Chemical

Box 1698

Riverton, WY 82501

to construct domestic sewage disposal system to service a warehouse/bulk fuel plant according to the procedures and conditions of the application No. 89-344R. The facility is located in W 1/2, SW 1/4, Section 8, T29N, R111W in the County of Sublette, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

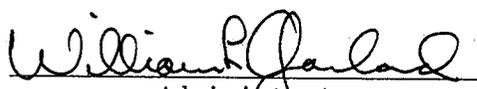
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of 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, WY 82520; telephone, 332-3144.

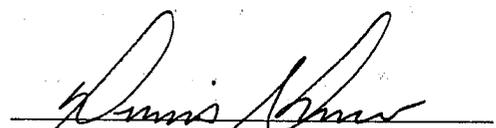
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

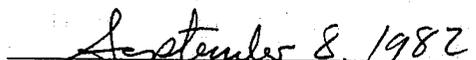
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

RF

PERMIT TO CONSTRUCT

PERMIT NO. 89-345
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Wyoming Refining Company

This permit hereby authorizes the applicant:

Wyoming Refining Company
P O Box 820
Newcastle, WY 82701

to construct, install or modify monitoring well network according to the procedures and conditions of the application number 89-345. The facility is located in SW $\frac{1}{4}$, Section 29, T45N, R61W in the county of Weston, 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:



Administrator
Water Quality Division



Director
Department of Environmental Quality

September 13, 1989
Date of Issuance

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

SPECIAL CONDITIONS FOR PERMIT NO. 89-345

1. Except when otherwise required by conditions of this permit, the boreholes and monitoring wells shall be installed in accordance with the plans and specifications submitted in permit to construct application number 89-345. Additional wells meeting the requirements of the application and this permit may be installed if prior written approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However, a sufficient seal must be installed according to normal engineering practice. At a minimum, a seal of bentonite or bentonite grout is required from the surface to a foot or two above the uppermost perforation. Protective casing shall be cemented into a sloping concrete cap to promote drainage away from the wellhead.
3. The WQD shall be notified a minimum of two weeks before drilling begins so that a WQD representative may be on site as deemed necessary by the WQD.
4. After any monitoring wells installed have fulfilled their useful purpose, they shall be abandoned according to procedures and requirements specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
5. The issuance of this permit does not relieve the permittee from any corrective actions or additional work that may be required. Additional investigative work or corrective actions may be required depending on the results of the extent of contamination study or site assessment.

Conditions to Permit 89-345 (continued)

6. In addition to the well construction information submitted with the permit application, the following items relating to well construction must be addressed when the wells are constructed, installed, and developed:
 - a. After the bentonite has been placed in the annular space, it must be hydrated to ensure a proper seal.
 - b. The borehole diameter must be at least four inches larger in diameter than the casing diameter.
 - c. The screened interval must extend at least two or three feet above the highest expected seasonal groundwater level and at least two feet into bedrock, i.e., two feet below the weathered/unweathered shale interface.
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings.
 - e. To minimize the entrance of fine-grained material into the well, the filter pack should be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval.
 - f. Factory slotted casing is recommended for the perforated interval.
 - g. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well.
 - h. A protective casing and locking cap is required. Keys to the locks shall be kept on site and made available to WQD personnel for inspection or sampling.
 - i. Each monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.
7. Each well and borehole shall be lithologically logged with grain-size descriptions, as applicable, based on the Wentworth scale, phi scale, or Unified Soil Classification System.
 - a. Information indicating the presence of hydrocarbons such as visible staining or discoloration, detectable odors, instrument readings, or other field criteria must be recorded in the lithologic logs.
 - b. Contaminated soils recovered must be separated from clean soils and disposed of properly.
 - c. The results of any laboratory chemical analysis on soil samples must be included with the installation or site assessment report.
8. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
9. A report on the well installation features and analytical results shall be submitted to the WQD no later than 30 days of the permittee's receipt of data from the laboratory. This report shall include at a minimum:
 - a. A chronological summary of events leading up to the study.

Conditions to Permit 89-345 (continued)

- b. A topographic site map or maps showing the locations and elevations of physical features, wells and/or boreholes, utility lines and or trenches, boreholes, and wells, potentiometric surface, and groundwater flow direction.
 - c. Map(s) and hydrogeologic cross sections illustrating the magnitude and lateral and vertical extent of subsurface contamination including: any free hydrocarbon product layer; soil contamination or soils bearing hydrocarbon product as evidenced by analytical results, instrumentation readings, and visual/odor criteria; and dissolved constituents in groundwater.
 - d. A description of sample collection procedures, analytical results, and methods of measurement for free product, vapor, and other field techniques that includes limits of detection.
 - e. As built construction details for each monitoring well; lithologic logs for each monitoring well and each borehole; and a description of borehole abandonment methods and procedures as applicable.
 - f. Interpretation of the data and conclusions including free product and dissolved constituent migration pathways, groundwater flow direction and rate, and recommended remedial measures.
10. The following monitoring program shall apply to all monitoring wells installed under this permit:
- a. Quarterly measurement/analysis of the following field parameters:
 - (1) depth and elevation of the groundwater level.
 - (2) the thickness of any floating free petroleum product to the nearest 0.01 feet. Any existing free product too thin to measure shall be recorded by description, such as blebs, sheen, film, iridescence, or odor.
 - (3) the thickness of any dense phase immiscible product in the bottoms of the wells to the nearest 0.01 feet.
 - b. Quarterly analysis of groundwater samples from each well shall be obtained and analyzed for the following parameters: benzene, toluene, carbon disulfide, naphthalene, phenol, 2-methyl phenol, 4-methyl phenol, 2,4-dimethyl phenol, lead, and hexavalent chromium. The analytical methods shall alternate on successive quarters. EPA methods 8240, 8270, 6010, and 7195 must be used in the first quarterly monitoring and shall alternate with EPA methods 8020, 9065, 8100, 6010, and 7195 thereafter.
 - c. The analytical results submitted with the installation report or no later than October, 1989 shall be considered the first quarterly monitoring report. Subsequent monitoring reports shall be submitted to the WQD office in Cheyenne within 30 days of the end of each calendar quarter, that is, by the end of January, April, July, and October respectively.
 - d. The results of any other chemical analyses on water samples from these wells shall be submitted to the WQD in Cheyenne within 30 days of their receipt from the laboratory.

Conditions to Permit 89-345 (continued)

RS/jt

xc: Jake Strohman, WQD Cheyenne
William Johnston, WQD Sheridan

R7

PERMIT TO CONSTRUCT

PERMIT NO. 89-346

X New
 Renewal
 Modified

Hunter Septic Tank and Drainfield

This permit hereby authorizes the applicant:

Randy Hunter
778 Sybille Creek Road
Wheatland, WY 82201

to construct, install or modify septic tank and drainfield according to the procedures and conditions of the application number 89-346. The facility is located in NE1/4, NW1/4, Section 13, T23N, R69W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

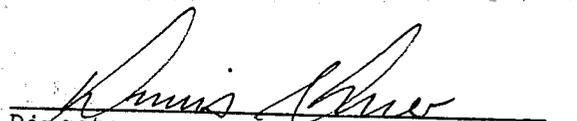
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

August 31, 1989
Date of Issuance

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

LBH/jt

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 89-347RRRR
*Conditions on Permit *

Independence Rock Rest Area WWTP
(Name of Facility)

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

Wyoming State Highway Department

c/o Gary Brown

5300 Bishop Blvd

Cheyenne, WY 82002-9019

to construct, install, or modify a septic tank and leach field with a lift station and install monitor wells for monitoring groundwater quality facility according to the procedures and conditions of the application No. 89-347RRRR. The facility is located in Section 9, T29N, R86W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

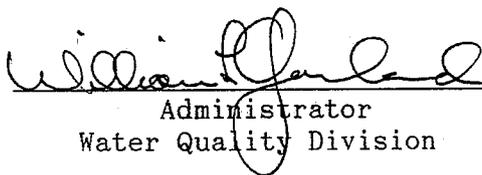
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

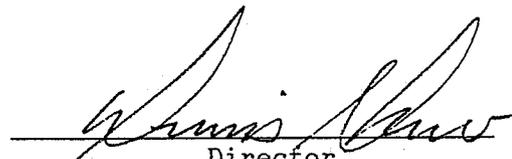
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

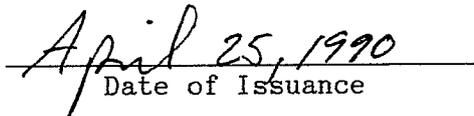
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality



Date of Issuance

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

Conditions

1. The groundwater monitoring wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-347RRRR. Additional wells meeting the requirements of the application this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.

3. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level; Factory slotted casing is recommended for the perforated interval;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine grained material into the well the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - h. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
6. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.

7. Within 90 days of issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
 - a. A site map showing physical features, well locations and elevations;
 - b. Final location, construction details and logs of all monitoring wells;
 - c. Water level measurements;
 - d. Sample collection procedures;
 - e. Sampling analytical results;
 - f. A potentiometric surface map showing the direction of groundwater movement; and
8. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
9. All monitor wells associated with this facility shall be sampled and the wastewater analyzed one time for fecal coliform and all parameters in Table I of Chapter XIII Water Quality Rules and Regulations except for radiological parameters. A second sampling of upgradient wells is required 6 months after initial sampling. These sampling events are necessary to establish background groundwater quality.

The results of these analyses shall be submitted to the Lander office in 90 days. Depending on the results of these analyses, additional sampling and analysis may be required by the Water Quality Division. A sampling schedule will be developed at that time.
10. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.
11. Prior to backfilling, inspected by the Natrona County Health Department. Provide a minimum of 48 hours notification.

SG/anc

P.F.

PERMIT TO CONSTRUCT

PERMIT NO. 89-348
See Conditions

X New
Renewal
Modified

Dowell Schlumberger

This permit hereby authorizes the applicant:

Dowell Schlumberger
P O Box 2710
Tulsa, OK 74101

to construct, install or modify monitoring well and bore hole network according to the procedures and conditions of the application number 89-348. The Dowell Schlumberger facility is located Statewide, in the State of Wyoming, excluding the Worland, Wyoming Facility. 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: 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

August 31, 1989
Date of Issuance

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

Conditions to Permit to Construct 89-348

1. The groundwater monitoring wells and boreholes shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 89-348. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).
2. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.
3. After the monitoring wells and boreholes have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
4. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.
5. 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. Depending on the results of the subsurface contamination investigation, additional site investigations or remedial measures may be required by the WQD. An adequate number of wells shall be installed to define the extent of contamination.

6. In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:
 - a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;
 - b. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;
 - c. The screened interval shall extend at least two or three feet above the highest expected seasonal groundwater level and at least five feet below the lowest expected groundwater level. Factory slotted casing is recommended for the perforated interval;
 - d. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;
 - e. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval;
 - f. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;
 - g. A protective casing and locking cap is strongly recommended;
 - h. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
 - i. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation. Protective casing shall be cemented into a sloping concrete cap; and
 - j. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
7. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.
8. Within 90 days of the issuance of this permit, a report on the subsurface investigation shall be submitted to the WQD. This report shall contain at a minimum:
 - a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. Final location, construction details and logs of all monitoring wells;
 - d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
 - e. Water level and product thickness measurements;

Conditions to Permit 89-348 (continued)

- f. Sample collection procedures;
 - g. Sampling analytical results;
 - h. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - i. A potentiometric surface map showing the direction of groundwater movement; and
 - j. Interpretation of data and conclusions including recommended remedial measures.
9. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
 10. All monitor wells associated with this facility shall be sampled and the wastewater analyzed quarterly for the parameters listed below:
EPA methods 624 (or 601 and 602) and 418.1 and 610 (or any other comparable analysis).
The results of these analyses shall be submitted to the appropriate DEQ/WQD office (Lander/ Cheyenne/ Sheridan) by the last day of the month following the end of each quarter.
 11. All inventory records for a year prior to the report of a spill shall be submitted to the DEQ/WQD within 15 days of receipt of this permit. Reconciled inventory records with the volume of the spill specified shall be submitted to the DEQ/WQD within 45 days of receipt of this permit.
 12. The results of any analyses conducted on soil or water removed from these wells or boreholes shall be provided to the department as soon as they are available.
 13. Pending WQD review of the first results, a reduction in sampling parameters by EPA method 610 and 624 (if non detectable levels are reported) to BETX and 418.1 may be granted.
 14. Pending WQD review of the first two consecutive rounds of sampling, further reductions in sampling parameters and/or frequency may be granted.
 15. Results reported previously under permits 89-051, 89-052, and 89-053 will be accepted under the issuance of this permit.
 16. Boreholes shall be abandoned using clean cuttings as filler materials according to Chapter XI, Part G, Section 70.

EJ/mad

cc: Jake Strohmman

PERMIT TO CONSTRUCT

New

Permit No. 89-349R

Renewal

Modified

Smith/Jamestown Septic Field

(Name of Facility)

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

Dan Smith

1030 Indian Hills

Green River, WY 82935

to construct, install, or modify a new septic drain field to service two mobile homes facility according to the procedures and conditions of the application No. 89-349R. The facility is located in NW 1/4, SE 1/4, Sec 8, T 18N, R 107W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

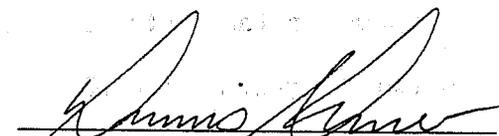
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

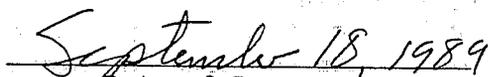
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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


Date of Issuance

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

RF

PERMIT TO CONSTRUCT

New

Permit No. 89-350

Renewal

Modified

Worland - Cloud Peak Addition Sewer Line Replacement
(Name of Facility)

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

City of Worland

P.O. Box 226

Worland, WY 82401

to replace existing sewer line with 8" PVC pipe according to the procedures and conditions of the application No. 89-350. The facility is located in Sec. 25, T47N, R93W in the County of Washakie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

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

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

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

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

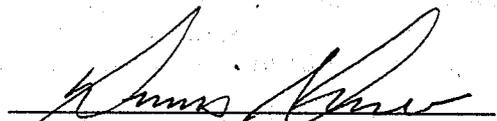
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

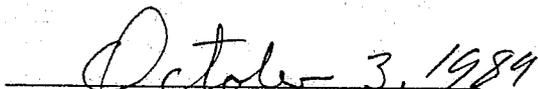
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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AUTHORIZED BY:


Administrator
Water Quality Division


Director
Dept. of Environmental Quality


Date of Issuance.

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