

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-101
SEE CONDITIONS

CRUDE OIL RELEASE MW
(Name of Facility)

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

SHELL PIPELINE CORPORATION
P.O. Box 1910
Midland, Texas 79702

to construct, install or modify a monitoring well and/or test hole network system according to the procedures and conditions of the application No. 91-101. The facility is located in Section 21, T.38N., R.62W., in the County of Niobrara, in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (5) years maximum) from the date of issuance of this permit.

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

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or 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 (307) 672-6457.

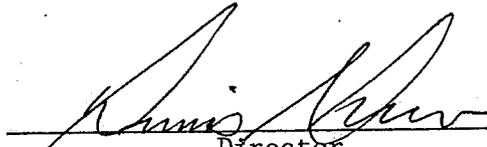
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

1. The groundwater monitoring wells and test holes shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 91-101. Additional wells and test holes 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 test holes 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 monitoring well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

Conditions for Monitoring Wells
Page Three

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.

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.

Conditions for Monitoring Wells (Continued)
Page Four

7. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and test holes 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 and test hole locations and elevations;
- c. Final location, construction details and logs of all monitoring wells and test holes;
- 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;
- 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, as appropriate.

9. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.

10. All soils and rinsate samples collected shall be analyzed, at a minimum, for:

- TPH BY EPA # 9071
- EPA # 8240.

All water and wastewater samples collected, including monitoring wells and water supply points, shall be analyzed for:

- TPH by EPA # 4181
- EPA # 624.

Conditions for Monitoring Wells
Page Five

Samples collected for spill material characterization shall be analyzed for:

- TPH by EPA # 9071
- EPA # 8250
- TC volatiles and semi-volatiles by TCLP and EPA # 8240
- Ignitability.

The results of these analyses shall be submitted to the Sheridan office by the last day of the month following the end of each sampling event. The first set of results are due by the last day of May, 1991.

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.

EJL/pr

cc: Kurt King, WQD, Sheridan
Kevin Frederick, WQD, Cheyenne

PERMIT TO CONSTRUCT

New

PERMIT NO. 91-102

Renewal

Modified

TOWN OF UPTON, WYOMING WATER DISTRIBUTION
and
WASTEWATER COLLECTION SYSTEM IMPROVEMENTS
(Name of Facility)

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

Weston County School District No. 7
P.O. Box 470
Upton, Wyoming 82730

to construct, install or modify a water distribution and sanitary sewer system improvements facility according to the procedures and conditions of the application No. 91-102. This facility is located in Section 35, T48N, R65W in the County of Weston in the State of Wyoming. This permit shall be effective for a period of one (1) 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.

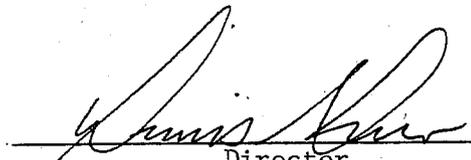
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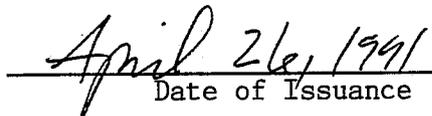
AUTHORIZED BY:



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.

GPB:pr

MEMORANDUM

To: File

From: Scott Forister 

Date: July 21, 1992

Re: Permit No. 91-103
Triton EnCoal Precipitate Disposal Pond

The application for the referenced permit was transferred to Land Quality Division prior to July 15, 1991 by Peter Borner. The application is hereby withdrawn.

PERMIT TO CONSTRUCT

New

Permit No. 91-104RRR

Renewal

Modified

Star Hill Ranch Septic System
(Name of Facility)

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

Star Hill Ranch Partnership

P. O. Box 252

Sun Valley, ID 83353

to construct, install, or modify a septic system, leach field and collection system facility according to the procedures and conditions of the application No. 91-104RRR. The facility is located in Sec 5 & 8, T52N, R105W in the County of Park, 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.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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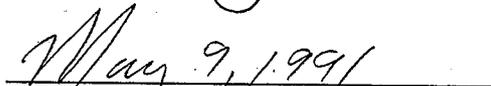
AUTHORIZED BY:



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.

SG/jyi

* CONDITIONS *

1. Contact Tim Morrison 48 hours prior to start of construction to arrange for any inspection he may want to make.

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION - SOUTHEAST DISTRICT
Herschler Building, 4th West
Cheyenne, Wyoming 82002

PROJECT: Miracle Mile Ranch

APPLICANT: Edward & Juanita Richner
Kortes Dam
Hanna, WY 82327
307-325-6710

WATER QUALITY DIVISION REFERENCE NUMBER: 91-105

REVIEWING OFFICIAL: Maggie Davison 

APPROVING ENGINEER: Louis Harmon

DATE OF REVIEW: June 3, 1991

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. The distance separating the water line and the septic tank is not indicated on the plan sheet;
2. The distance from what appears to be the west property line and the drain field is not indicated on the plan sheet;
3. The percolation test must be done at depth of five and one-half feet in order to be representative of the trench bottom soil absorption characteristics.



/jn

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

July 29, 1991

Ed & Juanita Richner
Kortes Dam
Hanna, WY 82327

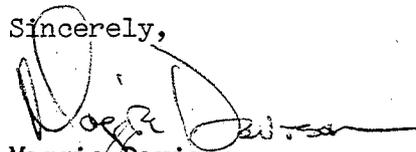
RE: Permit to Construct #91-105, Miracle Mile Ranch cabin septic system

Dear Ed & Juanita:

Enclosed is a copy of the above-referenced permit. Another copy has been forwarded to the Carbon County Planning Office. I have also enclosed a copy of the percolation test data for the test done on July 23, 1991.

Thanks again for the hospitality shown me. If you need further assistance with wastewater matters, please feel free to contact me.

Sincerely,



Maggie Davison
Senior Analyst
Water Quality Division

MGD/jn

Enclosures (permit, perc test data)

PERMIT TO CONSTRUCT

PERMIT NO. 91-105

X New
Renewal
Modified

Miracle Mile Ranch

This permit hereby authorizes the applicant:

Edward & Juanita Richner
Kortes Dam
Hanna, WY 82327

to construct, install or modify a septic system according to the procedures and conditions of the application number 91-105. The facility is located in SW1/4, Section 9, T26N, R84W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (5 years maximum) from the date of issuance of this permit.

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

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

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The permittee shall 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.

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 5, 1991

Date of Issuance

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

MGD/jn

cc: Carbon County Planning Office

PERMIT TO CONSTRUCT

New

Permit No. 91-106RR

Renewal

Modified

The Bluffs Third Filing
(Name of Facility)

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

Janss Corporation

1453 Third Street, Suite 350

Santa Monica, CA 90401-2321

to construct a water distribution and wastewater collection system facility according to the procedures and conditions of the application No. 91-106RR. The facility is located in NE $\frac{1}{4}$, SEC 27, T19N, R105W in the County of Sweetwater, 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.

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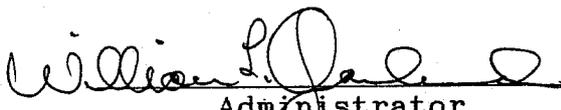
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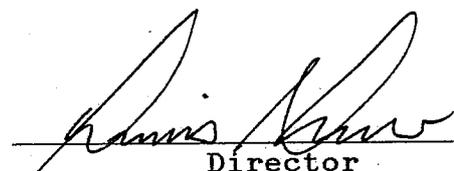
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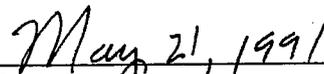
AUTHORIZED BY:



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.

SR/jyi

PERMIT TO CONSTRUCT

PERMIT NO. 91-107
SEE SPECIAL CONDITIONS

- X New
- Renewal
- Modified

NORTH 30TH ELEMENTARY SCHOOL WATER AND SEWER

This permit hereby authorizes the applicant:

Albany County School District No. 1
1948 Grand Avenue
Laramie, WY 82070

to construct, install or modify a Distribution and Collection System according to the procedures and conditions of the application number 91-107. The facility is located in SE Section 27 Township 16 North Range 73 West in the county of Albany, 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

May 21, 1991
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #91-107

1. A valve must be installed on the fire hydrant near the northeast paved playground.
2. Approved backflow prevention must be provided on the irrigation connection as required by Chapter XII, Section 14e(B) of the Water Quality Division Rules and Regulations.

SCF/jt

cc: Edward P. Nowak

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-108

ANTELOPE COAL COMPANY SEPTIC SYSTEM LEACHFIELD
(Name of Facility)

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

Antelope Coal Company
P.O. Box 115
Douglas, Wyoming 82633

to construct, install or modify a small wastewater facility according to the procedures and conditions of the application No. 91-108. This facility is located in Section 35, T41N, R71W in the County of Converse in the State of Wyoming. This permit shall be effective for a period of one (1) years (five (5) years maximum) from the date of issuance of this permit.

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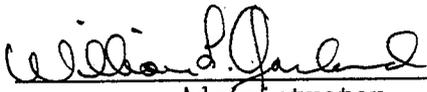
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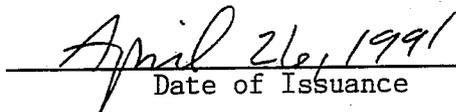
AUTHORIZED BY:



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.

GPB:pr

LAND APPLICATION PERMIT

PERMIT NO. 91-109
SEE SPECIAL CONDITIONS

MARATHON PIPE LINE - MCFADDEN SPILL

This permit hereby authorizes the applicant:

MARATHON PIPE LINE COMPANY
P O BOX 2230
CASPER, WY 82602

to land apply wastewater to a road surface for dust control. The application site is located in NW1/4, Section 2, T19N, R78W and SW1/4, Section 35, T20N, 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

April 30, 1991
Date of Issuance

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

Conditions to Land Application Permit #91-109

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.
3. Application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

MGD/md

RF

LAND APPLICATION PERMIT

PERMIT NO. 91-110
SEE SPECIAL CONDITIONS

MARATHON PIPE LINE - MCFADDEN SPILL

This permit hereby authorizes the applicant:

MARATHON PIPE LINE COMPANY
P O BOX 2230
CASPER, WY 82602

to land apply oil-contaminated soils to a road surface. The application site is located in NW1/4, Section 25, T20N, 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.

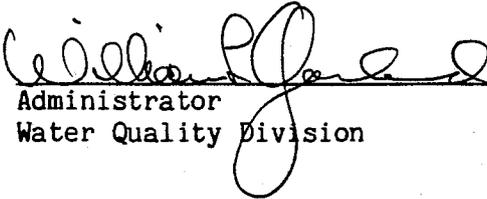
Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The state assumes no liability for, and does not in any way 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

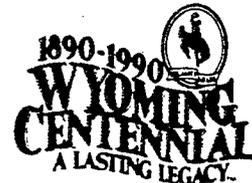
April 30, 1991
Date of Issuance

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

Conditions to Land Application Permit #91-110

1. The application site slope shall not exceed 8 percent for vehicular application.
2. Application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
3. Oil-contaminated soils 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.

MGD/md



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

July 22, 1991

Pat Persson
Wyoming Transportation Department
P. O. Box 1005
Laramie, Wyoming 82701

Dear Mr. Persson:

This letter is to confirm conversations with William Deberard of Domino Construction and John Eddons of your office regarding the use of wastewater from the pond at the Summit Rest Area. Domino Construction provided an analysis of the wastewater which showed that the fecal coliform level to be only 690 per 100 ml. Domino Construction indicated that they intended to add additional chlorine to the wastewater prior to pumping it out of the pond and spreading it on the soil at the borrow area at the construction site.

The analysis shows that this is good quality water and is acceptable to use for compaction at the construction site. The coliform level is less than the state standard of 1,000 per 100 ml for secondary body contact recreation which includes such activities as fishing and boating where the probability of ingesting appreciable amounts of water is minimal.

The original construction permit addressed disposal of the pond sludge, and so I decided not to issue a separate permit for the use of the wastewater at the construction site. I indicated that this office would not require a permit on a letter from Domino Construction.

If you have any additional questions, please let me know.

Sincerely,

Lawrence Robinson
Engineering Supervisor
Water Quality Division

LR/jn

cc: Archives File - Permit 91-111

R7

PERMIT TO CONSTRUCT

PERMIT NO. 91-111
SEE SPECIAL CONDITIONS

New
 Renewal
 Modified

Wyoming Highway Department, Summit Rest Area Sewage Treatment System

This permit hereby authorizes the applicant:

Wyoming Highway Department
P.O. Box 1708
Cheyenne, WY 82002-9019

to construct, install or modify sewage treatment system according to the procedures and conditions of the application number 91-111. The facility is located in NW 1/4 SE 1/4 Section 26 T15N R72W in the county of Albany, 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

June 28, 1991
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #91-111

1. The inlet piping to the primary cell must extend 30 feet from the base of the dike as per Section 18 of Chapter XI of DEQ/WQD regulations.
2. The use of the sludge from the existing lagoon as a protective cover for the new construction potentially introduces an excessive biological loading to the new system. A minimum of three BOD₅ tests need to be made on the sludge. The primary cell must be filled with fresh water to a minimum depth of 4 feet for leakage testing and to allow the biological load from the sludge to be treated before new loading is introduced. The treatment time should be based on the total loading calculated from the sludge BOD₅ and the response of the lagoon after being filled with water.
3. The primary cell must be observed for leakage for a minimum of 7 days after being filled with fresh water. If excessive leakage occurs, the liner must be repaired before the lagoon can be placed in operation.
4. A variance is granted for the overflow channel from the first cell to the second, based on the system normally operating as an one cell system. At such time as the primary cell discharges to the second cell for more than 60 consecutive days or 180 days a year a new outlet structure conforming to the requirements of Chapter XI must be installed.

LBH/nc

cc: Daryl R. Jensen, Western Water Consultants, 611 Skyline Rd, Laramie, WY 82070

91-112		Gerber
Powell Lust Site - NW Corner Second & Evans		
date	action	60-day
04/22/91	UR	06/22/91
4/30/91	RS (JH)	
11-17-92	<i>no ltr in file</i>	

PERMIT TO CONSTRUCT
Conditioned

- New
 Renewal
 Modified

Permit No. 91-113
Ref. #88-339

Chevron Statewide Sewage System
(Name of Facility)

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

Chevron, U.S.A.

P.O. Box 599

Denver, CO 80201

to construct temporary sanitary wastewater disposal facilities at drill locations according to the procedures and conditions of the application No. 88-339. The facility is located in statewide in the County of statewide, 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.

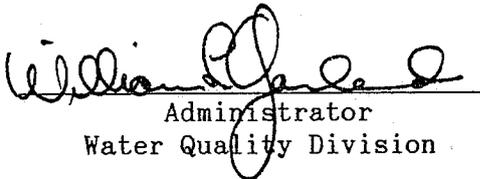
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

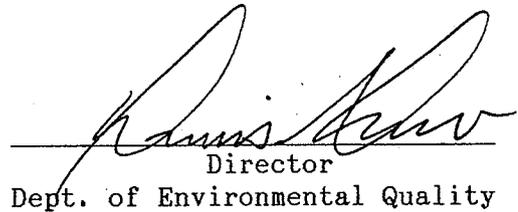
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

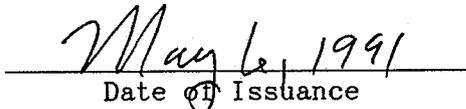
AUTHORIZED BY:



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 to Permit to Construct 91-113

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

Permit to Construct
Chevron Statewide Sewage System
91-113 (Ref. #88-339)
Page 3

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

BL/anc

PERMIT TO CONSTRUCT

PERMIT NO. 91-114
SEE SPECIAL CONDITIONS
Ref.No. 89-135
87-319
85-514

New
X Renewal
Modified

EXXON Temporary Wastewater Disposal Facilities - Statewide

This permit hereby authorizes the applicant:

EXXON Company USA
P O Box 1600
Midland, TX 79702-1600

to construct, install or modify temporary sanitary wastewater disposal facilities, at drill location and off-site associated construction camps according to the procedures and conditions of the application number 91-114. The facility is located Statewide in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:


Administrator
Water Quality Division


Director
Department of Environmental Quality

April 30, 1991
Date of Issuance

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

CONDITIONS TO PERMIT TO CONSTRUCT #91-114

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

LR/nc

cc: Delegated Counties
District Offices

AGENCIES RESPONSIBLE FOR SMALL WASTEWATER PERMITS

1. Albany Co.
City of Laramie/Albany
Co. Sanitarian
P O Box C
Laramie, WY 82070
Phone: (307) 721-5283
2. Big Horn County
DEQ/WQD District Supervisor
Lander
3. Campbell County
Campbell County Engineer
500 South Gillette Ave.
Gillette, WY 82716
Phone: (307) 682-1970
4. Carbon County
DEQ/WQD District Supervisor
Cheyenne
5. Converse County
Converse County Water Commissioner
530 Oak
Douglas, WY 82633
Phone: (307) 358-3827
6. Crook County
DEQ/WQD District Supervisor
Sheridan
7. Fremont County
Fremont County Planner
Room 200, County Courthouse
Lander, WY 82520
Phone: (307) 332-5371
8. Goshen County
Goshen County Planner
1833 East D
Torrington, WY 82240
Phone: (307) 532-2788
9. Hot Springs County
DEQ/WQD District Supervisor
Lander
10. Johnson County
Johnson County Sanitarian
County Courthouse
Buffalo, WY 82834
Phone: (307) 684-7555
11. Laramie County
Cheyenne Laramie Co. Health Dept.
Division of Environmental Health
1710 Snyder Ave.
Cheyenne, WY 82001
Phone: (307) 638-8545
12. Lincoln County
Lincoln County
Office of Planning & Development
P.O. Box 414
Afton, WY 83110
Phone: (307) 886-3825
13. Natrona County
Natrona County Health Dept.
1200 East 3rd.
Casper, WY 82601-2990
Phone: (307) 235-9316
14. Niobrara County
DEQ/WQD District Supervisor
Sheridan
15. Park County
Park County Planning Coordinator
1002 Sheridan Ave.
Cody, WY 82414
Phone: (307) 587-2204
16. Platte County
DEQ/WQD District Supervisor
Cheyenne
17. Sheridan County
Sheridan County Engineer
P.O. Box 612
Sheridan, WY 82801
Phone: (307) 672-3426

18. Sublette County
Sublette County Planner
P.O. Box 506
Pinedale, WY 82941
Phone: (307) 367-4375

19. Sweetwater County
Sweetwater County Sanitarian
205 East Railroad Ave.
Green River, WY 82935
Phone: (307) 875-2611
Ext. 278

20. Teton County
Teton County Sanitarian
P.O. Box 1727
Jackson, WY 83001
Phone: (307) 733-3959

21. Uinta County
Uinta County Engineer
225 9th Street
Evanston, WY 82930
Phone: (307) 789-1780
Ext. 318

22. Washakie County
DEQ/WQD District Supervisor
Lander

23. Weston County
DEQ/WQD District Supervisor
Sheridan

DEQ/WQD District Offices

Northwest District - Lander

210 Lincoln Street
Lander, WY 82520
Phone: (307) 332-3144

Big Horn
Fremont
Hot Springs
Natrona - Anything with a range
of 84W or larger
Park
Teton
Washakie
Yellowstone Park

Northeast District - Sheridan

2161 Coffeen Avenue
Sheridan, WY 82802
Phone: (307) 672-6457

Campbell
Converse - everything with a Township
larger than 34N
Crook
Johnson
Natrona - everything with a Township
larger than 35N and a Range
smaller than 84W
Niobrara
Sheridan
Weston

Southwest District - Lander

Lincoln
Sublette
Sweetwater
Uinta

Southeast District - Cheyenne

Herschler Bldg., 4 West
Cheyenne, WY 82002
Phone: (307) 777-7781

Albany
Carbon
Converse - everything with a Township
smaller than 34N
Goshen
Laramie
Natrona - everything with a Township
smaller than 35N and a Range smaller
than 84W
Platte

RF

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

PERMIT NO. 91-115

AMERICAN-SOVIET HOUSING, MALLO CAMP WASTE WATER TREATMENT
 (Name of Facility)

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

Weston County
1 West Main
Newcastle, Wyoming 82701

to construct, install or modify a mechanical wastewater treatment facility according to the procedures and conditions of the application No. 90-451. The facility is located in Section 4, T74N, R60W, in the County of Weston in the State of Wyoming. This permit shall be effective for a period of one (1) year (five (5) years maximum) from the date of issuance of this permit.

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

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

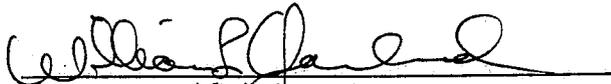
Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way 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.

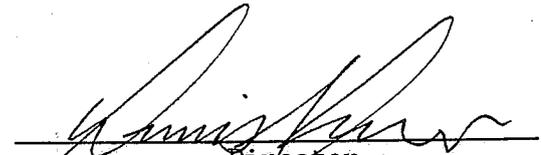
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division, the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department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


Director
Dept. of Environmental Quality

August 5, 1991
Date of Issuance

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

SCF:et

CONDITIONS TO PERMIT TO CONSTRUCT

1. Treated effluent must be sampled and analyzed for total suspended solids, 5 day biochemical oxygen demand, fecal coliform bacteria, and total flow on a quarterly basis. Results of sampling from the new treatment plant as well as the existing plant must be submitted to the Sheridan office no later than 30 days after the end of the quarter (1st - April 30, 2nd - July 31, 3rd - November 30, 4th - January 31).

PERMIT TO CONSTRUCT

New

Permit No. 91-116R

Renewal

Modified

Pinedale Golf Course Subdivision Sanitary Sewer
(Name of Facility)

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

County of Sublette

P.O. Box 250

Pinedale, WY 82941

to construct a sanitary sewage collection system according to the procedures and conditions of the application No. 91-116R. The facility is located in NW 1/4 and SW 1/4 of Section 4, T33N R109W in the County of Sublette, 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.

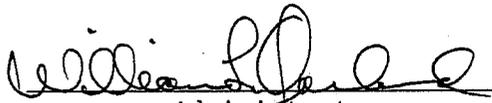
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

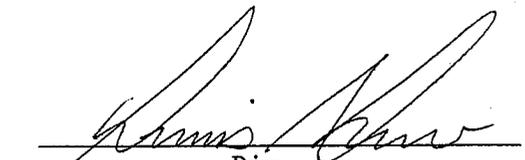
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

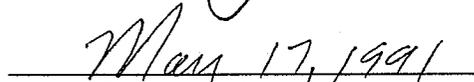
AUTHORIZED BY:



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.

SR/anc

PERMIT TO CONSTRUCT

New

Permit No. 91-117

Renewal

Modified

Uni-Tech Property Monitor Wells
(Name of Facility)

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

Geo Research, Inc.

910 Helena Ave.

Helena, Montana 59601

to install test borings and monitor wells according to the procedures and conditions of the application No. 91-117. The facility is located in NW 1/4 NW 1/4 Section 14 (resurvey lot 62) T55N, R99W in the County of Park, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

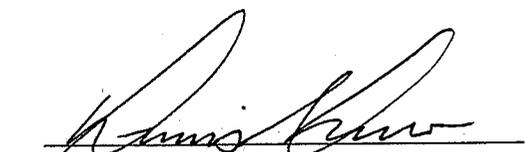
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

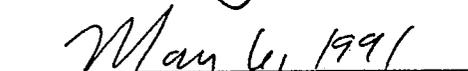
AUTHORIZED BY:



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 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 91-117. 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 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 required.
 - 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 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.
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 BETX (EPA Method 502.2 or 602), TPH (EPA Method 418.1).

If free product is found the above analysis will not be required, but the thickness of product shall be measured.

The results of these analyses shall be submitted to the Lander office in the report due in 90 days.

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.

JH/anc
cc: Jake Strohman

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-118
(Ref. 90-171)

SEE SPECIAL CONDITIONS

MARTIN SPRINGS AREA DUST CONTROL
(Name of Facility)

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

Maxus Exploration Company
P.O. Box 2530
Mills, WY 82644

to land apply produced water to roads for dust control according to the procedures and conditions of the application No. 91-118. The application site is located in Sections 3,4,5,6,8,9, and 10, T.36N., R.70W. and Sections 32 and 33, T.37N., R.74 W., in the County of Converse, in the State of Wyoming. This permit shall be effective until November 1, 1991.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum application 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 will meet applicable state requirements.

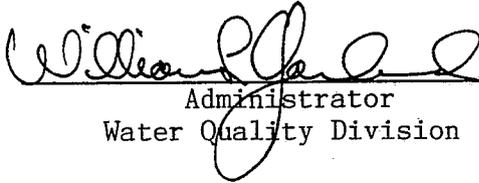
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

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

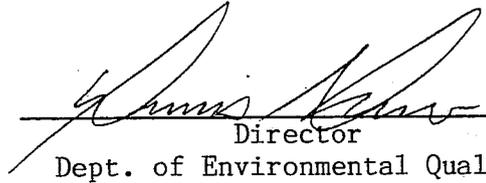
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

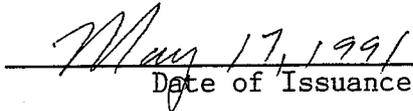
AUTHORIZED BY:



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 SPECIAL CONDITIONS

1. Produced water shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Water shall not be applied during the period from November 1 to April 30.
2. The application site slope shall not exceed 8 percent for vehicular application.
3. Produced water application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. This permit is in effect for a period of six months from the date of issuance. Any water application after that time period must be re-permitted.
5. This permit is contingent on the application receiving approval from the appropriate Federal agency should application occur on Federal lease roads, or if water is used from Federal leases.
6. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 2161 Coffeen Avenue, Annex, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The District Engineer should be notified at least 48 hours in advance of discharges and must be informed how much waste will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

EJL:ejl

xc: BLM - Platte River Resource Area; PO Box 2420; Mills, Wyoming 82644

MEMORANDUM

TO: IPS Permit to Construct File (#91-119)
FROM: Don Newton, WQD/Lander
RE: Permit to Construct #91-119
DATE: 1/7/94

The Application for Permit to Construct #91-119 (Park County Fire District No. 2 - Fire Training Center, Cody) has been withdrawn. The Training Center applied for a Permit to Construct a catchment pond. The review was completed in the Lander office on 5/29/91 and not authorized. The additional information requested in the permit review was not submitted and the project was abandoned.



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

May 7, 1993

Mr. Albert & Mrs. Mary Lamb
1291 Almy Road 105
Evanston, WY 82930-9770

Dear Mr. & Mrs. Lamb:

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

Facility Name: Pines Mobile Home Park
DEQ/WQD Reference Number: 91-120
Engineering Consultant: Snowy Range Water Consultants, Inc.
DEQ/WQD Reviewing Engineer: Maggie Davison
Date of DEQ/WQD Review: June 3, 1991

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

Your application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct permitting process.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is 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 information. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Wyoming Water Quality Rules and Regulations, must be followed.

Sincerely,


Gary Steele, P.E.
Southeast District Engineering Supervisor
Water Quality Division

GS/nc 32231.LTR
cc: IPS

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION - SOUTHEAST DISTRICT
Herschler Building, 4th West
Cheyenne, Wyoming 82002

PROJECT: Pines Mobile Home Park

APPLICANT: Albert & Mary Lamb
1291 Almy Road 105
Evanston, WY 82930-9770
307-789-6087

ENGINEER: Snowy Range Water Consultants, Inc.
P. O. Box 2080
Laramie, WY 82070
307-745-4109

WATER QUALITY DIVISION REFERENCE NUMBER: 91-120

REVIEWING OFFICIAL: Maggie Davison

APPROVING ENGINEER: Louis Harmon

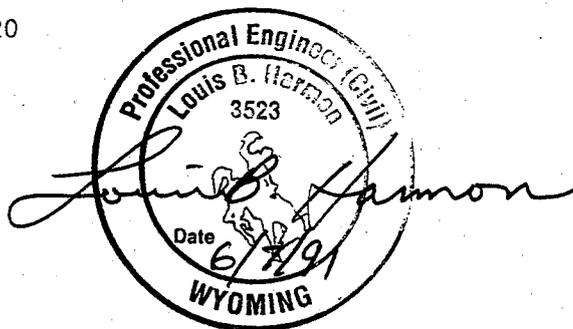
DATE OF REVIEW: June 3, 1991

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. An adequately certified operator must be employed as the chief operator for this facility as per Wyoming Water Quality Rules and Regulations, Chapter V (designation form enclosed);
2. The vault containing the chlorinator must be lit and ventilated with control switches for both lighting and ventilation located outside of the vault. The ventilation system must be able to exhaust the vault within two minutes and provide a minimum of twelve air changes per hour;
3. No equipment specifications or methodology are included for conducting chlorine residual analyses. A description of both must be provided.
4. Show clearly the detail of the chlorine injection to the waterline, including distance to discharge into clearwell.

cc: Louise Emerson, DEQ/WQD
Gary Hickman, Laramie County Environmental Health
John Hamman, Cheyenne Board of Public Utilities



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

UIC 91-121
CLASS 5X28

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),

Jackson Hole Aviation
P. O. Box 3829
Jackson, Wyoming 83001
(307) 733-4767

is authorized to operate

the Jackson Hole Aviation Storage Hanger Injection System located in the NE1/4SW1/4, Section 14, Township 42 North, Range 116 West, of the 6th Principal Meridian (in Teton County, Wyoming)

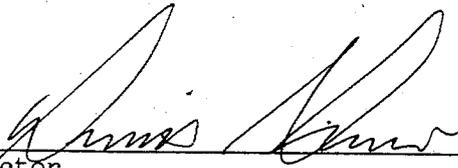
according to procedures and conditions of the application 91-121 and requirements and other conditions of this permit.

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

May 29, 1991
Date



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

May 31, 1991
Date

A. Discharge (Injection) Zone and Area of Review

These injection wells are authorized to inject into a local Tertiary Gravel, Pediment and Fan Deposit which may be in hydrologic connection with the Snake River Alluvial Aquifer. The depth of injection is 0 to 10 feet below finished grade inside an aircraft hanger. Static water levels are known to occur within this depth interval.

The facility authorized by this permit is located in:

Township 42 North, Range 116 West, 6th Principal Meridian
Section 14: NE 1/4 SW 1/4

The Area of Review around this facility is legally described as:

Township 42 North, Range 116 West, 6th Principal Meridian
Section 14: All

B. Groundwater Classification

The groundwater in this Tertiary Gravel, Pediment and Fan Deposit is class I groundwater of the state under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980) for the following reasons:

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class I, II or III water;
- b. The application shows that groundwater from this source is presently being used for domestic purposes.
- c. This application is for the right to inject waters that meet class I standards only.

C. Authorized Operations

The permittee is authorized to inject an unmeasured quantity of water produced by snowmelt, miscellaneous runoff, and water produced by washing airplanes and the floor of the facility. This wastewater shall meet or exceed class I groundwater standards. This permit authorizes only the injection of water that meets the quality critical for class I groundwater. Injection of water which does not meet class I standards is a violation of this permit.

This permit covers a total of four injection wells, each completed as an infiltration bed located within the confines of the Jackson Hole Aviation Storage Hanger. Each well shall be constructed to similar standards, as shown in the application. Each well will cover approximately 3 square feet and be completed 4 feet deep. After installation of a geotextile fabric liner, each well will be backfilled with clean, washed gravel.

Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined by 40 CFR 261. Injection of any substance defined as hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

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:

Each floor drain shown on the application shall be modified to allow for groundwater sampling. This can be accomplished by installing a perforated PVC pipe, 4" in size to a depth of at least 2 feet below groundwater inside the gravel packed area of this floor drain. This casing shall be kept covered to prevent its filling up with dirt or sediment of any kind. This cover should be below the floor grate, but accessible for sampling by removing the floor grate.

At a minimum, the groundwater in the receiving formation shall be sampled prior to the injection of any fluid but after the construction of the aircraft hanger is complete. This sample shall be analyzed for the following parameters and the parameters shown on the next page:

Aluminum	Ammonia (NH ₃ as N)	Arsenic
Barium	Boron	Cadmium
Chloride	Chromium	Copper
Cobalt	Cyanide	Fluoride
Iron	Lead	Manganese
Mercury	Nickel	Nitrate (NO ₃ as N)
Oil and Grease	Selenium	Silver
Uranium (U)	Vanadium (V)	Zinc
Potassium	Sodium	Calcium
Magnesium	Sulfate	Hydrogen Sulfide
Carbonate	Bicarbonate	Total Dissolved Solids
pH	Conductivity	Specific Gravity

The above sample shall be taken from whichever floor drain is the farthest downgradient. At least once every five (5) years, or more often if required by the Administrator, the above analyses shall be repeated.

The water from the downgradient well shall be sampled and analyzed for the following parameters and on the following schedule:

<u>PARAMETER</u>	<u>APPROVED METHOD NUMBER</u>	<u>SCHEDULE</u>	<u>UCL</u>
Total Dissolved Solids (TDS)	Method 160.1 ⁽¹⁾	Annually	500.0
Nitrate as N	Method 354.1 ⁽¹⁾	Annually	10.0
pH	Method 150.1 ⁽¹⁾	Annually	>6.5, <9.0
Volatile Hydrocarbons	Method 624 ⁽¹⁾	Annually	.005 or detection limit ⁽²⁾
Ethylene Glycol	Method 8000	Annually	detection limit ⁽²⁾
Propylene Glycol	Method 8000	Annually	detection limit ⁽²⁾

(1) EPA Methods for analyses of Water and Wastewater

(2) Volatile Hydrocarbons are limited to .005 mg/l unless the detection limit for an individual chemical is higher. A UCL of the detection limit indicates that any detectable chemical is a violation of this permit.

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedence of this value is a violation of this permit and shall require corrective action. All chemical concentrations in this permit are expressed in mg/l. pH is always expressed in standard units. The first annual sample shall be taken at the same time as the initial sample required by the first paragraph of this section.

Each time the groundwater is monitored, the static water level in the four floor drains and the temperature of the water sampled shall be measured and recorded. At this same time, the static water level in well UW-88056 shall be measured and recorded. This information shall also be reported on each annual report.

At least once every five years, the Terminal Well #1, State Engineer's Permit UW-76409 which serves as a source of supply for public water supply #5600844P shall be sampled and analyzed for the same parameters shown on the above table for the annual groundwater samples. The first of these analyses shall coincide with the first five year sample required on the downgradient well. Each time well UW-76409 is monitored, the static water level and the temperature of the water shall be measured and recorded. This information shall also be reported on the annual report for the year in which the sampling was done.

All annual samples shall be conducted between January 15 and March 15 of each year.

G. Requirements for Monitoring the Discharge

The discharge on this facility is intermittent and will not result in standing water in any place where it could be easily sampled. For this reason, monitoring on this permit is limited to monitoring of the one well located inside the hanger. This one well is within 100 feet of the most distant point of discharge and within 40 feet of the nearest point of discharge.

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. An annual report of injection shall be submitted no later than April 30th of each calendar year which shall include:
 - a. The analytical results required by Section F of this permit.
 - b. Graphs showing how the water quality in well Monitor Well #1 has varied over the previous five years of the injection. Only those parameters required to be monitored on an annual basis need be graphed.
 - c. A map showing the water level contours within the confines of the hanger building on the date when the groundwater samples were taken.

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

Mechanical Integrity testing is not required for this permit.

L. Abandonment

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

If this system is to be abandoned with the aircraft hanger still in existence, the four infiltration wells shall be permanently sealed with a minimum 4 inch thick concrete cap finished flush with the floor around it. Monitor well UW-88056 and each 4" PVC casing in the floor drains shall be filled with bentonite clay to within 1 foot of the surface, and the remaining 1 foot shall be filled with non-shrink grout.

If this system is to be abandoned because the aircraft hanger has been removed or destroyed, and the floor slab no longer exists, then the 4" concrete cap is not required.

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.

O. Special Measures the Director Finds Necessary:

A sign shall be neatly lettered on steel or fiberglass sheet and affixed to the inside of the hanger where it can be readily seen. This sign shall have the following exact wording in red letters 1" high on a white background:

"THE FLOOR DRAINS IN THIS BUILDING DRAIN DIRECTLY TO GROUNDWATER OF CLASS I (DOMESTIC USE) QUALITY. DISPOSAL IN THESE DRAINS OF ANY SUBSTANCE NOT APPROVED FOR DRINKING WATER IS A VIOLATION OF THE PERMIT UNDER WHICH THESE FLOOR DRAINS WERE INSTALLED. SPILLS SHOULD BE DIRECTED AWAY FROM THE FLOOR DRAINS IF POSSIBLE. ANY SPILL OF ANY CHEMICAL SUBSTANCE EXCEPT WATER OF DRINKING WATER QUALITY SHALL BE REPORTED IMMEDIATELY TO THE WATER QUALITY DIVISION, WYOMING DEQ. REPORTS SHOULD STATE EXACTLY WHAT WAS SPILLED AND IN WHAT AMOUNT AND SHOULD BE MADE BY TELEPHONE TO (307) 777-7095. SPILL REPORTS SHALL BE FOLLOWED UP BY A WRITTEN REPORT FILED WITHIN 5 DAYS AFTER THE SPILL OCCURS."

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.

/nc

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-122
SEE CONDITIONS

BLACK THUNDER MINE LEACHFIELD PIEZOMETERS
(Name of Facility)

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

THUNDER BASIN COAL COMPANY
P.O. Box 406
Wright, WY 82732

to construct, install or modify a piezometer and test hole network system according to the procedures and conditions of the application No. 91-122. The facility is located in Section 17, T.43N., R.70W., in the County of Campbell, 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.

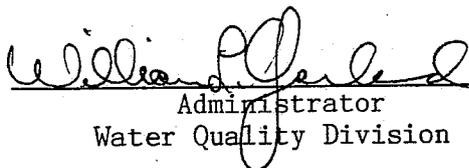
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 (307) 672-6457.

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

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

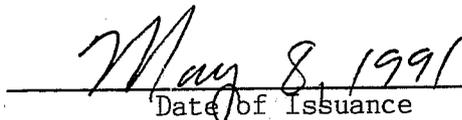
AUTHORIZED BY:



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 FOR MONITORING WELLS

1. The groundwater monitoring wells and test holes shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 91-122. Additional wells and test holes 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 test holes 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 monitoring well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

Conditions for Monitoring Wells
Page Three

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 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;

c. 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;

d. 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;

e. A top and bottom cap shall be installed to prevent sediment and surface water from entering the well;

f. A protective casing and locking cap is strongly recommended;

g. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected (as appropriate);

h. A seal of bentonite or bentonite grout is required from the surface to a foot or two above the top perforation; and

i. All monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.

6. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and test holes and sample collection so that DEQ/WQD personnel may be on-site if deemed necessary.

Conditions for Monitoring Wells (Continued)
Page Four

7. Within 1 year of the issuance of this permit, a report on this 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 and test hole locations and elevations;
- c. Final location, construction details and logs of all monitoring wells and test holes;
- d. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence;
- e. Water level measurements;
- f. Sample collection procedures (as appropriate);
- g. Sampling analytical results (as appropriate);
- h. A potentiometric surface map showing the direction of groundwater movement; and
- i. Interpretation of data and conclusions including recommended remedial measures, if necessary.

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.

EJL:pr

cc: Kevin Frederick, WQD, Cheyenne

PERMIT TO CONSTRUCT

New

Permit No. 91-123RR

Renewal

Modified

Urie Water Storage Pump Station
(Name of Facility)

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

Bridger Valley Joint Powers Board

Box 295

Lyman, WY 82937

to construct a finished water storage tank pumping station facility according to the procedures and conditions of the application No. 90-267R. The facility is located in NW 1/4, Sec 36, T16N, R115W in the County of Uinta, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

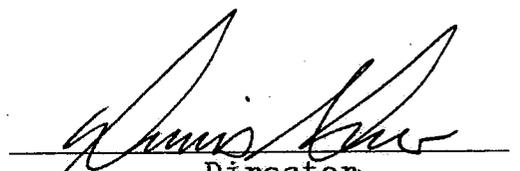
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

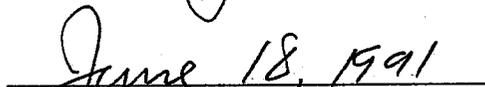
AUTHORIZED BY:



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.

BL/jyi

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

Permit No. 91-124R

6-K RV Park
(Name of Facility)

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

Creed Law

P. O. Box 575

Jackson, WY 83001

to construct a Water distribution and sewage collection system for 20 unit RV park according to the procedures and conditions of the application No. 91-124R. The facility is located in NW $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 33, T41N, R117W in the County of Teton, 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.

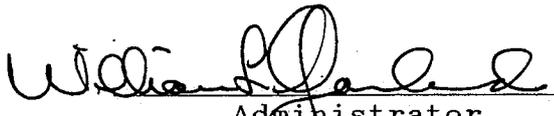
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

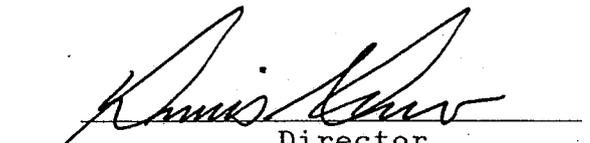
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

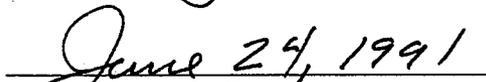
AUTHORIZED BY:



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.

JH/jyi

file

PERMIT TO CONSTRUCT

PERMIT NO. 91-125

X New
Renewal
Modified

Saratoga Water Line Relocation

This permit hereby authorizes the applicant:

Town of Saratoga
P.O. Box 486
Saratoga, WY 82331

to construct, install or modify water line relocation according to the procedures and conditions of the application number 91-125. The facility is located in Section 14 T17N R84W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

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

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

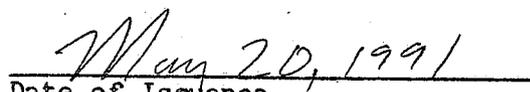
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality



Date of Issuance

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

LBH\jn

cc: Graham, Dietz & Associates

PERMIT TO CONSTRUCT

New

PERMIT NO. 91-126

Renewal

Modified

SIERRA CONSTRUCTION WASTEWATER POND MONITORING FACILITIES
(Name of Facility)

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

Sierra Construction Company
P.O. Box 211
Linch, WY 82640

to install a monitoring and/or leak detection system according to the procedures and conditions of the application No. 91-126. The facility is located in SE/NE Section 14, T42N, R78W, in the County of Johnson 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 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.

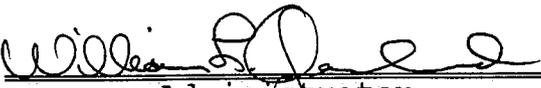
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801; telephone, 672-6457.

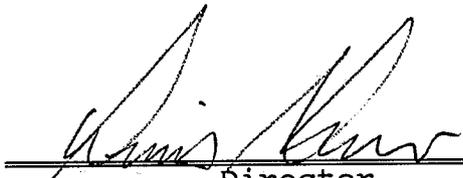
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Water Quality Division



Director
Dept. of Environmental Quality

5-22-92

Date of Issuance

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

EJL/pr:5/12/92

CONDITIONS FOR MONITORING WELLS AND LEAK DETECTION SYSTEMS

1 of 18. The groundwater monitoring wells and/or leak detection system shall be installed in accordance with the conditions of this permit, attachments to this permit, and the plans and specifications submitted in permit to construct application number 91-126. Additional monitoring wells and leak detection systems, meeting the requirements of the application and this permit, may be installed if prior approval is received from the Water Quality Division (WQD).

Conditions for Monitoring Wells and Leak Detection Systems

- 2 of 18. 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. 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
 - i. All groundwater monitor wells shall be designed so that they contain a minimum of 3 feet of water at all times.
- 3 of 18. Well caps shall be clearly numbered and kept locked, other than for monitoring purposes. Any tampering with the wells shall be reported immediately to the Water Quality Division.
- 4 of 18. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and/or leak detection system and sample collection related to this permit, so that DEQ/WQD personnel may be on-site if deemed necessary.
- 5 of 18. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those monitoring wells prevented by physical limitations to

Conditions for Monitoring Wells and Leak Detection Systems

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.

- 6 of 18. If groundwater is encountered above the first impervious geologic strata, monitoring wells shall be completed per Construction Detail received by the DEQ/WQD on April 24, 1992 and referenced as Attachment 1 to this permit. Otherwise, wells shall be completed pursuant to Construction Detail received by the DEQ/WQD on May 5, 1992 and referenced as Attachment 2 to this permit.
- 7 of 18. All wells shall be installed in a location close enough to the wastewater pond facilities to detect releases from that facility, to a depth which is below the bottom elevation of the ponds, and into the first continuous impervious geologic strata.
- 8 of 18. Soil samples shall be collected at ten foot intervals during drilling of each monitoring or leak detection well. These soils samples shall be analyzed for the following parameters:

Leachable Chlorides, Sulfates, Ph, and Total Dissolved Solids or Electrical Conductivity.
- 9 of 18. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.
- 10 of 18. All groundwater monitor wells and/or leak detection wells containing liquids shall be sampled and the wastewater analyzed quarterly for the following parameters:

Chlorides, Sulfates, Total Dissolved Solids, Ph, and Static Water Level.

The results of these analyses shall be submitted to the Sheridan WQD Office by the last day of the month following the end of each quarter. The first set of results are due by the last day of August, 1992.
- 11 of 18. Within 90 days of the installation or samplings of the leak detection system and/or monitoring wells in association with this permit, a report shall be submitted to the Sheridan Water Quality Division office. This report shall contain, at a minimum, the following information:
 - a. A site map showing physical features and well locations and elevations;

Conditions for Monitoring Wells and Leak Detection Systems

- b. Final location, construction details and logs of all monitoring and leak detection wells;
 - c. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geological materials and groundwater occurrence to the depths observed (in particular the occurrence of continuous impervious geologic strata);
 - d. Static water level measurements;
 - e. Sample collection procedures and analytical results;
 - f. A potentiometric surface map showing the direction of groundwater movement and/or suspected movement of materials potentially released from the wastewater pond facilities; and
 - g. Interpretation of data and conclusions.
- 12 of 18. Pending WQD receipt and review of the first two consecutive rounds of sampling results and annual pit/pond monitoring analysis results, further modifications in sampling parameters and/or frequency may be requested.
- 13 of 18. Pending WQD review of geologic and geohydrologic data collected, additional monitoring and/or leak detection wells may be required (i.e. if data indicates that the leak detection and/or monitoring wells are not completed or located such that this facility has an adequate leak detection system, the WQD may require additional monitoring/leak detection).
- 14 of 18. In the event that the results of this drilling and well installation activity indicate seepage or a release from the pond facilities, an extent of contamination investigation shall be conducted by the permittee in a timely fashion.
- 15 of 18. After the monitoring and/or leak detection 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 monitoring well has been plugged and abandoned, the owner shall file a plugging record with the WQD.
- 16 of 18. The results of any analyses conducted on soil or water removed from these wells or test holes shall be provided to the appropriate WDEQ/Water Quality Division office.

Conditions for Monitoring Wells and Leak Detection Systems

- 17 of 18. The issuance of this permit does not relieve the permittee from obligations to complete an extent of contamination study and any further remedial actions which may be required. Depending on the results of this drilling activity additional site investigations or remedial measures may be required by the DEQ. Pursuant to any release from the wastewater facility for which this monitoring activity is conducted, further site investigations and/or remedial measures may be required by the DEQ.
- 18 of 18. DEQ/WQD approval shall be granted prior to the initiation of additional subsurface investigations.

EJL/pr:5/12/92

cc: Kevin Frederick, DEQ/WQD, Cheyenne
Larry Robinson, DEQ/WQD, Cheyenne
Keith Burron, AG Office, Cheyenne

RF

PERMIT TO CONSTRUCT

PERMIT NO. 91-127
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Harnden Trailer

This permit hereby authorizes the applicant:

Robbin D. Harnden
P. O. Box 1634
Glenrock, WY 82637

to construct, install or modify a septic system according to the procedures and conditions of the application number 91-127. The facility is located in NW1/4, Section 14, T29N, R68W 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.

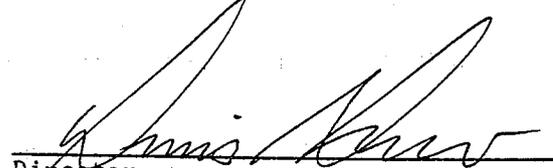
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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.

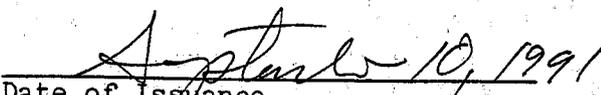
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality



Date of Issuance

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

SPECIAL CONDITIONS TO PERMIT TO CONSTRUCT #91-127

1. The use of the Norwesco septic tank as described on the application is contingent upon the submission of a copy of the installation instructions for the tank along with a signed statement from the applicant indicating that the installation instructions were read and followed;
2. The use of native soil for backfill is approved if the soil is homogeneous and free of large or sharp rocks or other objects which might puncture the tank walls; and
3. The length of pipe used to calculate infiltrative area is 78 feet total length of perforated pipe. However, the pipe lengths are described as 25 feet lengths for a total length of 75 feet on the plan view sketch. Perforated pipe lengths of a minimum of 26 feet for a total of at least 78 feet must be used to meet design criteria.

MGD/nc

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION - SOUTHEAST DISTRICT
Herschler Building, 4th West
Cheyenne, Wyoming 82002

PROJECT: Harden Trailer

APPLICANT: Robbin D. Harnden
P. O. Box 1634
Glenrock, WY 82637
307-436-8108

WATER QUALITY DIVISION REFERENCE NUMBER: 91-127

REVIEWING OFFICIAL: Maggie Davison *MD*

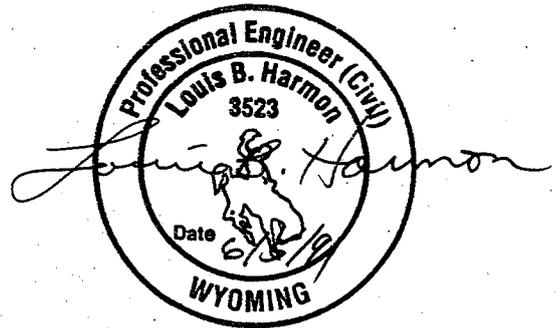
APPROVING ENGINEER: Louis Harmon

DATE OF REVIEW: June 3, 1991

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. The slope of the land proposed for construction of the leach field is too great if the described slope of 33% is accurate;
2. The percolation test was not done correctly and must be redone. Readings must be conducted until the water drop is consistent for three consecutive measurements. In addition, test holes must be three feet deep if that is to be the depth of the leach field excavation;
3. Determination of depth to groundwater and bedrock must be done by excavation to a minimum depth of 7.5 feet to determine if groundwater and bedrock are at least four feet below the trench bottom. Excavation to a five foot depth is not adequate to ensure that the required four-foot separation between trench bottom and groundwater/bed rock is maintained;
4. The distance from the septic tank to the leach field is not described;
5. The location for a replacement leach field is not described on the plan sheet;
6. The proposed septic tank has not received department approval. Manufacturer's specifications must be provided to determine if the tank meets the design criteria for septic tanks in Wyoming.



PERMIT TO CONSTRUCT

PERMIT NO. 91-128
SEE SPECIAL CONDITION

- New
- Renewal
- Modified

BREES FIELD AIRPORT - AIRCRAFT RESCUE AND FIREFIGHTING BUILDING

This permit hereby authorizes the applicant:

Rex Tippetts/Airport Manager
Brees Field
555 General Brees Road
Laramie, WY 82070

to construct, install or modify a small wastewater system (septic tank) according to the procedures and conditions of the application number 91-128. The facility is located in Section 35, NW $\frac{1}{4}$ NW $\frac{1}{4}$, Township 16 North Range 74 West in the county of Albany, 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.

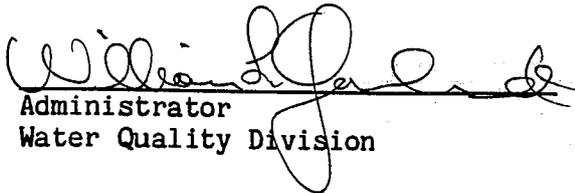
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

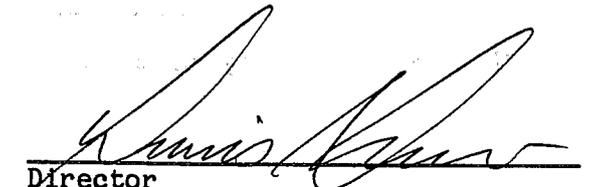
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-5-91

Date of Issuance

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

SPECIAL CONDITION FOR PERMIT TO CONSTRUCT 91-128

As-built drawings of the completed system shall be submitted to Albany County Planning and Wyoming Department of Environmental Quality, Water Quality Division.

RL/jn

cc: Lou Harmon, DEQ/WQD

PERMIT TO CONSTRUCT

New

Permit No. 91-129

Renewal

Modified

Amoco Service Station #8592
(Name of Facility)

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

Amoco Oil Company

8700 Indian Creek Parkway

Overland Park, KS 66210

to construct a groundwater restoration system consisting of a recovery well, air stripper and associated piping according to the procedures and conditions of the application No. 91-129. The facility is located in SW 1/4, SW 1/4, Section 15, T15N, R120W in the County of Uinta, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

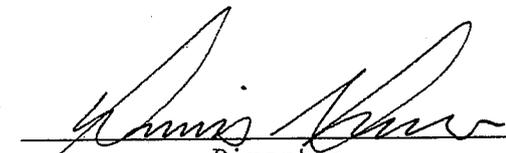
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

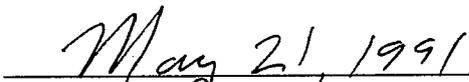
AUTHORIZED BY:



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.

BL/anc

SPECIAL CONDITIONS FOR PERMIT TO CONSTRUCT 91-129

1. All wells will be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Water Quality Division Rules and Regulations.
2. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.
3. The issuance of this permit does not relieve the permittee from obligations to complete an Extent of Contamination study and any future remedial actions which may be required.
4. The permittee shall notify the division of the name, phone number and address of the on-site operator of the recovery system.
5. The permittee shall operate the recovery system continuously unless Department of Environmental Quality, Water Quality Division 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.
6. Prior to operation of the hydrocarbon recovery system, an approved Operation and Maintenance Manual shall be provided to the division 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, Department of Environmental Quality 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.
7. The results of any analyses conducted on soil or water removed from this recovery system during the lifetime of the facility shall be provided to the Water Quality Division on a quarterly basis.
8. A status report shall be provided to the division on a quarterly basis with reports due by the last day of January, April, July and October. The report shall include at a minimum, volumes pumped of water and hydrocarbon product, downtime and dates, effectiveness of the recovery system, monitoring data for all monitor wells and the recovery well current pumping rate and radius of influence.
9. In the event the system does not operate as planned or effectively recover the contamination, provisions shall be made for correcting the deficiencies. In any event, the dissolved constituents shall be recovered and cleaned up in a timely and diligent manner until released by Department of Environmental Quality, Water Quality Division.

PERMIT TO CONSTRUCT

PERMIT NO. 91-130
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

Holding Tank at 2136 Oil Drive

This permit hereby authorizes the applicant:

Defense Technology Corp. of America
2136 Oil Drive
Casper, Wyoming 82604

to construct, install or modify holding tank for process water according to the procedures and conditions of the application number 91-130. The facility is located in Lots 26 & 27 Westgate Park II in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of two years (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

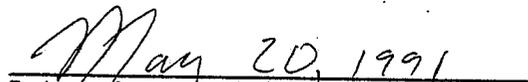
AUTHORIZED BY:



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 #91-130

1. This holding tank is to only be used to receive non-hazardous process wastewater. When the wastewater is removed from the holding tank it must be transported to the Casper BPU wastewater treatment plant for disposal.
2. The holding tank must be taken out of use and removed from the ground at such time as regional wastewater collection becomes available.

LBH\jn

cc: Natrona County Health Department
Casper BPU Wastewater Treatment Plant

PERMIT TO CONSTRUCT

New

Permit No. 91-131R

Renewal

Modified

Granger Water Fill Station
(Name of Facility)

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

Town of Granger

P. O. Box 42

Granger, WY 82934

to install a key operated water fill station at the Water Treatment Plant according to the procedures and conditions of the application No. 91-131R. The facility is located in NW $\frac{1}{4}$, Sec 32, T19N, R111W in the County of Sweetwater, 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.

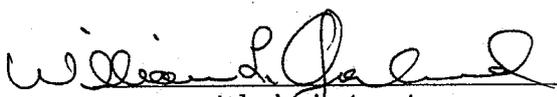
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

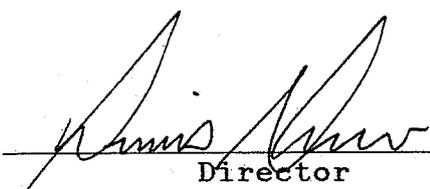
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

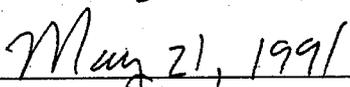
AUTHORIZED BY:



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.

BL/jyi

RF,

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 91-132R

Bishop Addition Water and Sewer
(Name of Facility)

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

Jere Bishop

P.O. Box 7877

Jackson, WY 83001

to construct a 1100 L.F. 8" water line and 250 L.F. sewer line according to the procedures and conditions of the application No. 91-132R. The facility is located in N 1/2 SE 1/4 and S 1/2 NE 1/4 Section 32, T41N, R116W in the County of Teton, 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.

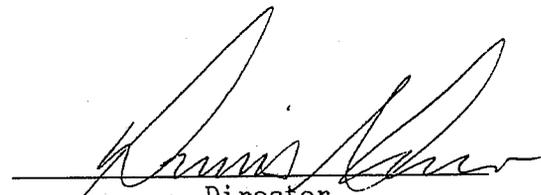
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

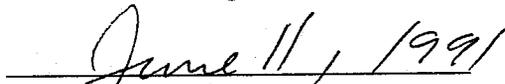
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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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.

JH/anc

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-133
SEE CONDITIONS

KITTY GAS PLANT MW
(Name of Facility)

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

Western Gas Processors, Ltd.
12200 N. Pecos Street
Denver, CO 80234

to construct, install or modify monitoring well and borehole network facilities according to the procedures and conditions of the application No. 91-133. The facility is located in Section 18, T.50N., R.73W, in the county of Campbell, 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.

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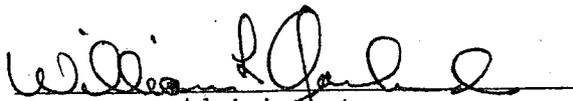
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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

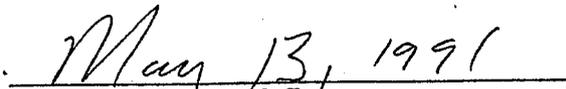
AUTHORIZED BY:



Administrator
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 FOR MONITORING WELLS

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 91-133. 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 monitoring well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

Conditions for Monitoring Wells
Page Three

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 an 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 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 three feet of water at all times.

Conditions for Monitoring Wells
Page Four

7. DEQ/WQD personnel shall be given at least two weeks notice prior to the installation of the monitor wells and boreholes 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 and boreholes;
- 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;
- 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. WQD recommends all monitor wells associated with this facility be sampled and the wastewater analyzed quarterly for the parameters listed below:

If gasoline is only release confirmed, TCLP method must be completed, using EPA method 602. If other releases are confirmed, additional parameters may be required.

The results of these analyses shall be submitted to the Sheridan DEQ/WQD office by the last day of the month following the end of each quarter. The first set of results are due by the last day of August, 1991.

Conditions for Monitoring Wells
Page Five

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. Pending WQD receipt and review of sample results, modifications in parameters and/or frequency may be required.

13. All soil samples shall be analyzed for the parameters listed below:

If gasoline is only release confirmed, TCLP method must be completed, using EPA method 8020. If other releases are confirmed, additional parameters may be required.

The results of these analyses shall be submitted to the Sheridan WQD office by the last day of August, 1991.

EJL/pr

xc: Kevin Frederick, DEQ/WQD, Cheyenne

PERMIT TO CONSTRUCT

PERMIT NO. 91-135

X New
Renewal
Modified

TOWN OF HANNA WATER DISTRIBUTION SYSTEM

This permit hereby authorizes the applicant:

Town of Hanna
P O Box 99
Hanna, WY 82327

to construct, install or modify a Distribution System according to the procedures and conditions of the application number 91-135. The facility is located in NW Section 16 Township 22 North Range 81 West in the county of Carbon, 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.

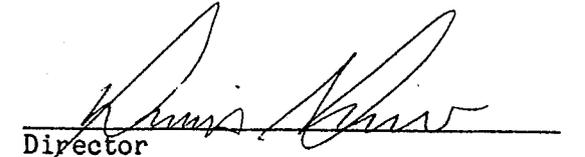
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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.

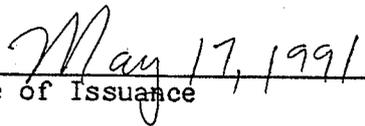
AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality



Date of Issuance

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

SCF/jt

cc: Paul McCarthy, PMPC, P O Box 370, Saratoga, WY 82331

R.F.

PERMIT TO CONSTRUCT

New

Permit No. 91-136R

Renewal

Modified

Buffalo Bill Village Campground Improvements
(Name of Facility)

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

Blair Hotels of Wyoming

1701 Sheridan Avenue

Cody, WY 82414

to construct water and sewer improvements facility according to the procedures and conditions of the application No. 91-136R. The facility is located in SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec 34, T53N, R101W in the County of Teton, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

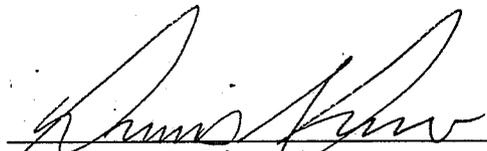
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

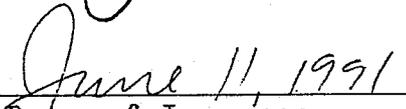
AUTHORIZED BY:



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.

JH/jyi

PERMIT TO CONSTRUCT

PERMIT NO. 91-137
SEE SPECIAL CONDITIONS

- X New
- Renewal
- Modified

3035 CY AVENUE - GROUNDWATER MONITOR WELLS

This permit hereby authorizes the applicant:

Wyoming National Bank
P O Box 2799
Casper, WY 82602

to construct, install or modify a Groundwater Monitor Well System according to the procedures and conditions of the application number 91-137. The facility is located in NE/SE Section 18 Township 33 North Range 79 West 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: 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.

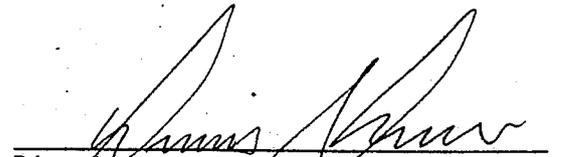
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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.

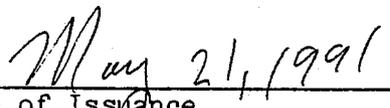
AUTHORIZED BY:



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 #91-137

1. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study. Results of the initial site investigation will be reviewed by the Department of Environmental Quality, Water Quality Division (DEQ/WQD) to determine whether or not further investigatory work or remedial actions be required at the site.
2. DEQ/WQD personnel shall be given at least 24 hours notice prior to the installation of the monitor wells and sample collection. Additional wells installed at the site must have prior approval from the DEQ/WQD.
3. 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. All wells must have a unique number.
4. All well installed under this permit must be sampled and analyzed for parameters consistent with the type of chemicals historically used on site. Samples must be analyzed for TPH (EPA method 418.1) and BETX (EPA method 502.2) at a minimum.
5. Within 60 days of issuance of this permit, a report on the subsurface investigation must be submitted to the DEQ/WQD. The report must include the following items:
 - a. A chronology of events leading up to the investigation;
 - b. A site map showing physical features, well locations and elevations;
 - c. A potentiometric surface map showing the direction of groundwater movement;

Conditions to Permit 91-137 (continued)

- d. A map delineating the extent of the subsurface contamination including free product, soil and dissolved groundwater contamination and concentrations;
 - e. A description of the subsurface geologic conditions;
 - f. Construction details and logs of all monitor wells;
 - g. Sample collection procedures, QA/QC information and analytical methods;
 - h. Static water level, product thickness and analytical results; and
 - i. Interpretation of data and conclusions including recommended remedial actions.
6. After the monitoring wells have fulfilled their useful purpose, and upon approval by DEQ/WQD, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of the Wyoming Water Quality Rules and Regulations. A plugging record must be filed with the DEQ/WQD within 15 days of abandonment.

SCF/jt

cc: Steven Moldt, Inberg-Miller Engineers, 1120 East "C" Street, Casper, WY 82601

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

PERMIT NO. 91-138
(Ref. 90-161)
SEE SPECIAL CONDITIONS

FOUR HORSE OIL FIELD DUST CONTROL
(Name of Facility)

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

STEWART PETROLEUM CORPORATION
14 Iverness Drive, East H-240
Englewood, Colorado 80112

to land apply produced water to roads for dust control according to the procedures and conditions of the application No. 91-138. The application site is located in Sections 3, 5, 9, 10, T.47N., R.68W., in the County of Weston in the State of Wyoming. This permit shall be effective until November 1, 1991.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum application 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 will meet applicable state requirements.

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

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

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

August 7, 1991

Date of Issuance

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

LAND APPLICATION SPECIAL CONDITIONS

1. Produced water shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Water shall not be applied during the period from November 1 to April 30.
2. The application site slope shall not exceed 8 percent for vehicular application.
3. Produced water application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. This permit is in effect for a period of six months from the date of issuance. Any water application after that time period must be repermited.
5. This permit is contingent on the application receiving approval from the appropriate Federal agency should application occur on Federal lease roads, or if water is used from Federal leases.
6. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, 2161 Coffeen Avenue, Annex, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The District Engineer should be notified at least 48 hours in advance of discharges and must be informed how much waste will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

EJL/pr

xc: BLM
1101 Washington Blvd.
Newcastle, WY 82701

MEMORANDUM

TO: Patti Burns, IPS, Cheyenne

FROM: Pat, WQD, Sheridan *Y*

DATE: 8/06/91

RE: Permit 91-138

Please walk Permit 91-138 through for signatures and fax a copy of the signed permit to Edith. She would like to have the copy via fax on 8/07/91, if at all possible. Thanks.

Encl.

PERMIT TO CONSTRUCT

PERMIT NO. 91-139
SEE SPECIAL CONDITIONS

RF

- New
- Renewal
- Modified

Pantle Residence

This permit hereby authorizes the applicant:

Kirk & Anne Pantle
P. O. Box 711
Encampment, WY 82325

to construct, install or modify a septic system according to the procedures and conditions of the application number 91-139. The facility is located in SE1/4, Section 5, T14N, R83W 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 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.

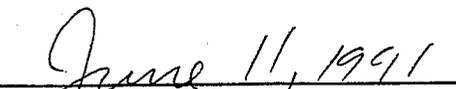
AUTHORIZED BY:



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 FOR PERMIT TO CONSTRUCT 91-139

The issuance of this permit is conditional upon the following:

1. The septic tank and drain field being separated by a minimum of ten feet;
2. The septic tank and water line(s) being separated by a minimum of twenty-five feet; and
3. The drain field and water line(s) being separated by a minimum of twenty-five feet.

MGD/jn

PERMIT TO CONSTRUCT

New

Permit No. 91-140

Renewal

Modified

Toddler Center, Jackson
(Name of Facility)

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

Community Childrens Project, Inc.

P.O. Box 3344

Jackson, WY 83001

to construct a 4" water main for fire sprinkler system in day care facility according to the procedures and conditions of the application No. 91-140.

The facility is located in NE 1/4, SE 1/4 Section 28, T41N, R116W in the County of Teton, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

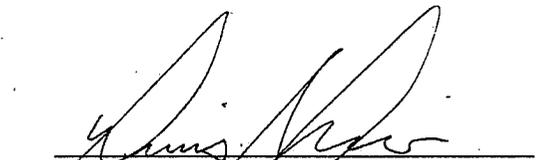
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

May 17, 1991

Date of Issuance

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

JH/anc

RF

PERMIT TO CONSTRUCT

New

PERMIT NO. 91-141

Renewal

SEE SPECIAL CONDITIONS

Modified

OSAGE OIL FIELD ROAD APPLICATION
(Name of Facility)

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

Petrocarbon Energy Corporation
3333 South Bannock Street, Ste. 450
Englewood, CO 80110

to land apply crude oil stained soils according to the procedures and conditions of the application No. 91-141. The application site is located in Section 16, T.46N., R.63W., and Section 14, T.46N., R.64W., in the County of Weston, in the State of Wyoming. This permit shall be effective until November 1, 1991.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum application 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 will meet applicable state requirements.

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

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

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

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

AUTHORIZED BY:

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 SPECIAL CONDITIONS

1. Crude oil stained soils shall be applied uniformly. Application shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist. Crude oil stained soils shall not be applied during the period from November 1 to April 30.
2. The application site road crown slope shall not exceed 8 percent for vehicular application.
3. Crude oil stained soils application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
4. This permit is in effect for a period of six months from the date of issuance. Any water application after that time period must be repermited.
5. The permittee will contact the Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Annex, Sheridan, Wyoming 82801, telephone number 307/672-6457, to arrange a field inspection prior to initiation of work. The Sheridan Office should be notified at least 48 hours in advance of discharges and must be informed how much waste will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.

DRM:et

PERMIT TO CONSTRUCT

New

Permit No. 91-142

Renewal

Modified

Clearview Water System Improvements - Phase II
(Name of Facility)

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

Clearview Improvement & Service District

P. O. Box 2634

Rock Springs, WY 82902

to modify a water distribution system facility according to the procedures and conditions of the application No. 91-142. The facility is located in SE $\frac{1}{4}$, Sec 32, T19N, R105W in the County of Sweetwater, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

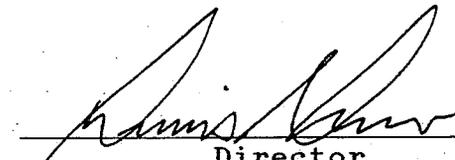
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

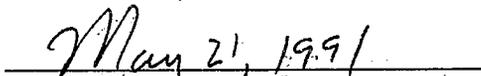
AUTHORIZED BY:



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.

SR/jyi

91-143

HERMANSKY

North Heights Addition

5/15/91

UR

7/15/91

8-5-91

RS

no ltr in file



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

210 Lincoln Street • Lander, Wyoming 82520

Air Quality Division
(307) 332-3144Land Quality Division
(307) 332-3047Solid Waste Management Program
(307) 332-3144Water Quality Division
(307) 332-3144

April 16, 1990

Mr. Jack Griset
Superintendent
Jackson Wastewater Treatment Plant
P.O. Box 1687
Jackson, WY 83001

RE: Monitoring Well "AS-Built" Approval
WQD Reference No. 90-144

Dear Mr. Griset:

I have reviewed your response and proposals addressing DEQ's concern and conditions for "as-built" approval of modifications made to monitoring wells #'s 4, 5, 7, and 8 at the Jackson Wastewater Treatment Plant.

After reviewing your submittal (April 10, 1990) it appears these wells will meet the minimum design standards for the State of Wyoming, once you have fulfilled the proposals mentioned. Please retain this letter as verification that the well construction has been accepted by the Wyoming Department of Environmental Quality with the following conditions:

1. The proposed installation of the annular bentonite seal and sloping concrete cap shall be completed within 60 days. A letter stating that the proposed work has been completed in accordance to this condition shall be dated, signed, and returned to this office, and serve as verification.
2. 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.
3. A protective casing and locking cap is strongly recommended;
4. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;

I would like to add that, although not necessary in this particular instance, you may want to consider placing a protective casing with a locking lid around each well as they are excavated for placement of the bentonite seal.

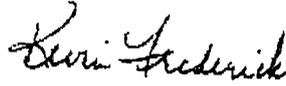
Mr. Jack Griset, Superintendent
Jackson Wastewater Treatment Plant
April 16, 1990
Page 2

As discussed earlier, please send a copy of the monthly and quarterly monitoring well laboratory results to this office. Per your request, I am enclosing copies of Chapters III and XI of DEQ's Water Quality Rules and Regulations.

If you have any questions, please do not hesitate to contact me.

Thank You.

Sincerely,



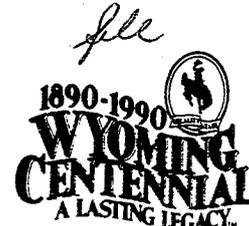
Kevin Frederick, C.P.G.
Environmental Senior Analyst
Water Quality Division

KF/anc



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

May 22, 1991

Paul W. Hynes, Chief Mine Engineer
Tg Soda Ash, Inc.
P.O. Box 100
Granger, Wyoming 82934

RE: Tg Soda Ash Underground Tailings
Permit UIC 91-144, class 5X13
Sweetwater Co., Wyoming

Dear Mr. Hynes:

Enclosed please find the approved permit to inject tailings into your mined out spaces in the Green River Trona Mine. This permit places limits on the injection in Section C, requires monitoring of the injection in Section G, and requires monitoring for mechanical integrity of each well in Section K. The abandonment procedure is specified in Section L and the financial surety requirements are outlined in Section N.

This permit requires that you submit logs and drilling details to this division when each well is drilled. This permit also requires that you repeat the analyses of the tailings on a schedule of once every five years as detailed in Section G on page 6. These analyses and any analyses of other waste streams to be injected shall be submitted to this division. Most of the routine monitoring of this system is required to be included in your annual report to the Land Quality Division. The file copy of those reports is available to this department at any time and is located just one floor down from my office.

This permit requires that you make immediate reports by telephone any time that mechanical integrity is lost in any well. This reporting requirement is detailed in Section I.

Sincerely,

Robert Lucht, P.E.
UIC Program Supervisor

cc: Jake Strohmman

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

91-144

UIC CLASS 5X13

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),

Tg Soda Ash, Inc.
P. O. Box 100
Granger, Wyoming 82934
(307) 875-2700

is authorized to operate

the Tg Soda Ash Underground Tailing disposal and mine backfilling system in Section 34, Township 20 North, Range 111 West, of the 6th Principal Meridian;

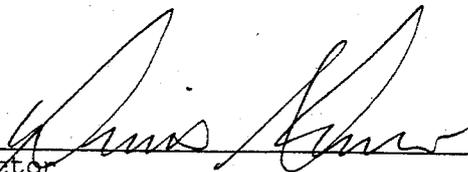
according to procedures and conditions of the application 91-144 and requirements and other conditions of this permit.

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

May 31, 1991
Date



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

May 31, 1991
Date

A. Discharge (Injection) Zone and Area of Review

Discharge Zone:

The injection wells authorized by this permit will inject into the mined out portions of the Tg Soda Ash Green River trona mine. This mine is located in Bed 20 of the wilkins peak member of the Green River Formation which is found at this location from 1,200 to 1,450 feet below the ground surface.

Area of Review:

The facility authorized by this permit is located in:

Township 20 North, Range 111 West, 6th Principal Meridian

Section 23: All
Section 24: All
Section 25: All
Section 26: All
Section 27: All
Section 34: All
Section 35: All
Section 36: All

Township 19 North, Range 111 West, 6th Principal Meridian

Section 1: All
Section 2: All
Section 3: All

(This permit covers up to 10 individual injection wells located anywhere within the above described area.)

The Area of Review around this facility is legally described as:

Township 20 North, Range 110 West, 6th Principal Meridian

Section 8: All
Section 15: All
Section 16: All
Section 17: All
Section 18: All
Section 19: All
Section 20: All
Section 21: All
Section 28: NW1/4
Section 29: All
Section 30: All
Section 31: All
Section 32: NW1/4

Township 20 North, Range 111 West, 6th Principal Meridian

Section 13: All
Section 14: SE1/4
Section 22: SE1/4
Section 23: All
Section 24: All
Section 25: All
Section 26: All
Section 27: All

Section 34: All
Section 35: All
Section 36: All

Township 19 North, Range 111 West, 6th Principal Meridian

Section 1: All
Section 2: All
Section 3: All

B. Groundwater Classification

The groundwater in bed 20 of the wilkins peak member of the Green River Formation is classified as as class IV (b) under Chapter VIII of Wyoming Water Quality Rules and Regulations. This water contains in excess of 10,000 mg/l of Total Dissolved Solids, but could be used for some specific industrial purposes. This permit is designed to prevent further degradation of this water.

C. Authorized Operations

The permittee is authorized to inject 20,571 barrels per day, (864,000 gallons per day) per well of slurried trona tailings and processing plant wastewater. This permit covers a total of 10 wells for a total permit limit of 205,710 barrels per day, (8,640,000 gallons per day) of total tailings as described:

The processing wastes described contain primarily dissolved Sodium Sesquicarbonate ($\text{Na}_2\text{CO}_3 \cdot \text{NaHCO}_3 \cdot 2\text{H}_2\text{O}$) and may contain up to 40 mg/l of Ammonia as N in a matrix with a Total Dissolved Solids content of up to 280,000 mg/l. The tailings that are to be injected consist of shale breaks from within the ore itself suspended in the high TDS water. The shale breaks contain low grade oil shale. As of the writing of this permit, mine wastes are exempt from regulation as hazardous waste under RCRA.

The permittee is authorized to inject at a pressure of no more than 1,100 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded as required by section G of this permit. The pressure limitations on this permit are based on the strength of J-55 casing and the anticipated most extreme operating condition. The only reason it may be necessary to occasionally build some pressure is to cause the tailings to move away from the wells. The surface pressure at the wellhead will normally be kept at atmospheric or below. Any injection above atmospheric into an active underground mine may entail some risk to the facilities and personnel near the injection site. The decision to use increased pressure above normal shall be solely Tg Soda Ash Company's and Tg shall assume all risk and responsibility for damages which may occur from the operation.

Flyash or bottom ash from coal fired boilers may also be injected into this system at any concentration that the permittee sees fit. Prior to the injection of any coal ash, a standard TCLP test, or a test for the total concentration of the same constituents as the TCLP test shall be run. This test shall be submitted and written approval received from WQD prior to injection of the flyash. If at any time the source of coal used in the plant

that produced the flyash should change, this approval step shall be repeated prior to injecting the ash from the new source.

The permittee may inject other wastes with prior approval of the Administrator, provided that these other wastes are tailings or process wastes generated by the Tg Soda Ash Green River operations. Any additional waste stream not specifically identified in the application shall be identified in writing and quality analyses shall be submitted for approval prior to injection under this permit.

Control of the tailings underground will be primarily by gravity, and gravity flow will be utilized to allow the tailings to fill selected areas previously mined out by shortwall mining methods. Entry into this area by personnel underground is presently prevented by a series of bulkheads which seal off the mined out sections of the mine from the active areas. Excess water will be decanted from this operation through the existing mine dewatering system and will be reused in the milling operation.

Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined by 40 CFR 261. Injection of any substance defined as hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

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:

Because of the depth of injection, the type of waste, and the amount of groundwater sampling already required in the general vicinity of this facility, no groundwater monitoring plan is required.

G. Requirements for Monitoring the Discharge

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

Tg shall monitor the injection pressure on a continuous basis. This may be accomplished by the installation of a strip chart recorder or a circular chart recorder on the tailings line, either at the mill or at the wellhead. Due to the vacuum pressure at the wellhead, it may be more desirable to install this recorder at the mill. At Tg's option, this requirement may be met by connecting the pressure transducer to the process control computer at the plant. Printouts from the computer system can be used to document the monitored injection pressure.

Tg shall monitor the discharge volume on a continuous basis. The volume injected shall be recorded on a continuous recording device, either the same device used to record pressure or a different device. Connection of the volume meter with the process control computer will satisfy the requirement to continuously monitor the discharge volume. Printouts from this system can be used to document the monitored discharge volume.

Tg shall monitor the volume of water reclaimed from the mine on a continuous basis. This volume shall be recorded on a similar device to the one recording the volumes injected. The function of all of these devices is to produce a record that can be used in mass balance calculations. At the end of each year of operation, Tg shall perform a mass balance calculation showing the total net volume of tailings and water that has been deposited in the mine. This calculation can be done to any closing date that Tg finds convenient, but the same date shall be used in each subsequent year's calculation. The results of this calculation shall be included in the annual mining report submitted to the Land Quality Division.

Tg Soda Ash has provided an analysis of the water fraction of the tailings to be injected for all metals listed on Land Quality Division Guideline 8 for trona in-situ mines. At each five year anniversary of this permit, these analyses shall be repeated.

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:

Tg Soda Ash has elected to inject through a tubing and packer arrangement in each well. The annulus between the tubing and packer shall be maintained continuously at a pressure of not less than 50 psig and not more than 250 psig. This pressure shall be recorded on a chart recorder for each well or the pressure gauges may be wired to report continuously to the process control computer. Any drop in annulus pressure or sudden increase in annulus pressure which might indicate a loss of mechanical integrity shall be reported as required by section I-6 of this permit.

Once, before the injection begins, the casing in each well shall be logged using a standard Cement Bond Log including a microseismogram. Before running the casing, a base lithology log shall be run consisting of a natural gamma curve at a minimum. More advanced electrical logs may be substituted for this base log at Tg's option. Good cement bond is required from the bottom of the J-55 casing to the top of each well drilled under this permit.

At each occasion when the tubing is being pulled for any reason, a log shall be run to verify the location of the bottom of the casing string.

All logs run on any well shall be submitted to the WQD UIC program in Cheyenne and a copy shall be submitted to the Land Quality Division district office in Lander.

Any time Tg becomes aware, by any means whatsoever, than any injection well has lost mechanical integrity, Tg shall immediately shut in that well and report by telephone to the Water Quality Division at 777-7095 as well as the Land Quality Division district office at 332-3047. WQD and LQD will decide jointly with Tg on what remedial actions may be required if that should happen.

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 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:

At the time of final abandonment of any well under this permit, a cast iron bridge plug shall be permanently set 50 feet above the bottom of the J-55 casing. Type H cement shall be placed in the casing by pumping through tubing as the tubing is withdrawn. This procedure shall be followed until the entire casing is cemented back to the surface. At the surface, the casing shall be cut off 5 feet below grade and the surface reclaimed in accordance with applicable provisions of the permit to mine.

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.

Tg shall include the cost of abandonment for each well drilled under this permit in its annual bond calculation under its LQD permit to mine. Under this provision, these costs will be automatically updated each year if more wells are drilled or if there are any changes made that significantly alter the cost of reclamation. For this reason, WQD does not consider additional financial responsibility documentation necessary.

O. Special Measures the Director Finds Necessary:

The discharge pipeline from the mill to the injection well will operate under a static head determined by the elevation of the wellhead and the elevation of the mill. An alarm shall be placed on this discharge pipeline that will alert the mill personnel any time the pressure falls to in such a way as to indicate that there is a breached pipeline on the surface.

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.

/mad

R 7

PERMIT TO CONSTRUCT

PERMIT NO. 91-145
SEE SPECIAL CONDITIONS

X New
Renewal
Modified

WEBB CREEK WATER TRANSMISSION AND DIST. SYSTEM IMPROVEMENTS

This permit hereby authorizes the applicant:

WEBB CREEK SERVICE AND IMPROVEMENT DIST.
P.O. BOX 4853
CASPER, WY 82604

to construct, install or modify a water transmission line and distribution system improvements according to the procedures and conditions of the application number 91-145. The facility is located in Sections 27 & 28 T33N R80W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of one year (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

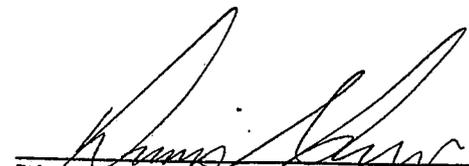
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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.

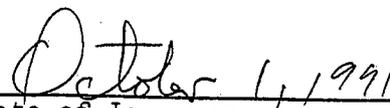
AUTHORIZED BY:



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 #91-145

1. A variance is granted for the requirement by Chapter XI for check valves in the meter pits. The basis for this variance is the determination by the Engineer and the Natrona County plumbing code officer that each tap has in place all necessary backflow prevention devices.
2. The 800 ft spacing requirement between valves for the pipeline to Sta. 45+75 is waived as the 1025 ft spacing works with better the overall layout.

LBH\jn

cc: CEPI
Casper Public Utilities

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: WEBB CREEK 16" WATER TRANSMISSION LINE & DISTRIBUTION

ENGINEER: CEPI

APPLICANT: WEBB CREEK SERVICE & IMPROVEMENT DISTRICT

WATER QUALITY DIVISION REFERENCE NUMBER: 91-145

REVIEWING ENGINEER: LOU HARMON

DATE OF REVIEW: 06/04/1991

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:



1. An engineering report is required by Section 6 of DEQ/WQD Chapter XII. This report should specifically address the flows and operating pressures under normal and fire flow conditions throughout the system. A determination needs to be made that the existing Webb Creek distribution system is capable of handling the proposed operating pressures. The engineer should determine the type and grade of distribution piping used before construction begins.
2. The maximum valve spacing under Chapter XII is 800 ft. There are no valves shown from Sta. 35+50 to 53+00. In addition, there should be an air relief valve just before the Webb Creek crossing. The potential for erosion during flooding at the Webb Creek crossing needs to be addressed.
3. As part of this project the homeowners need to be made aware of the advisability of having a pressure relief valve or surge tank in the home. Thermal expansion in the hot water heaters occasionally cause problems when the check valve is properly installed in the meter pit.

/jn

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 91-146

The Western Company, Rock Springs
(Name of Facility)

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

Ron McKeel

P.O. Box 56006

Houston, TX 77256

to construct, install, or modify a soil borings and groundwater monitoring wells facility according to the procedures and conditions of the application No. 91-146. The facility is located in NE 1/4, Section 22, T19N, R105W in the County of Sweetwater, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

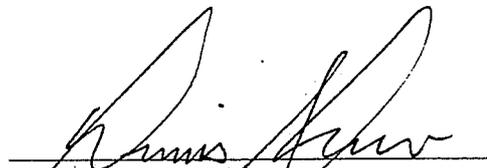
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

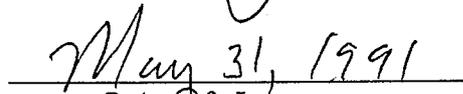
AUTHORIZED BY:



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 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 91-146. 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 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 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.
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 BETX (EPA Method 502.2 or 602), TPH (EPA Method 418.1).

Permit to Construct
The Western Company
91-146
Page 5

If free product is found the above analysis will not be required, but the thickness of product shall be measured.

The results of these analyses shall be submitted to the Lander office in the report due 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.

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.

SR/anc
cc: Jake Strohman

R.F.

PERMIT TO CONSTRUCT
* CONDITIONED *

- New
- Renewal
- Modified

Permit No. 91-147

Signal Mountain Lodge Dormitory Water & Sewer
(Name of Facility)

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

Forever Living Products

P. O. Box 50

Moran, WY 83013

to construct, install, or modify a 850 L.F. of water main with booster pump station and 460 L. F. of sewer main facility according to the procedures and conditions of the application No. 91-147.

The facility is located in Sec 25, T45N, R115W in the County of Teton, 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.

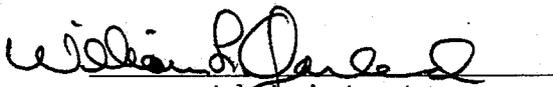
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

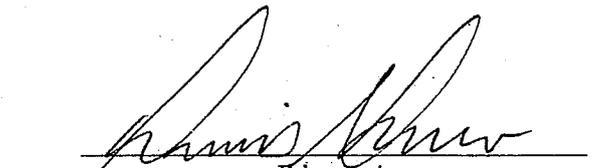
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

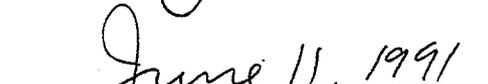
AUTHORIZED BY:



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.

SG/jyi

Permit to Construct
Signal Mountain Lodge Dormitory Water & Sewer
91-147
Page 3

* CONDITION *

1. Since the new 8 inch sewer main empties into a 6 inch sewer main, the capacity of the existing main must be evaluated any time the loading is increased. Once the 6 inch main reaches 75% capacity, the 6 inch main must be upgraded to eliminate any larger diameter main from feeding a smaller diameter main.

PERMIT TO CONSTRUCT

New

Permit No. 91-148

Renewal

Modified

String Lake Comfort Station
(Name of Facility)

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

Grand Teton National Park

P. O. Drawer 170

Moose, WY 82012

to construct a septic tank/disposal field for toilet facility according to the procedures and conditions of the application No. 91-148. The facility is located in approximately SE $\frac{1}{4}$ Sec 11, T44N, R116W (area is unsurveyed) in the County of Teton, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

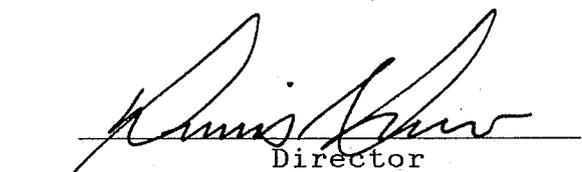
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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.

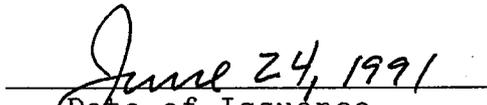
AUTHORIZED BY:



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.

JH/jyi

PERMIT TO CONSTRUCT
* CONDITIONED *

[X] New

Permit No. 91-149R

[] Renewal

[] Modified

Lander Industrial Park Lift Station and Force Main
(Name of Facility)

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

City of Lander

240 Lincoln St.

Lander, WY 82520

to construct a grinder pump lift station and 2 ½ inch diameter force main facility according to the procedures and conditions of the application No. 91-149R. The facility is located in Sec 20, T33N, R99W in the County of Fremont, 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.

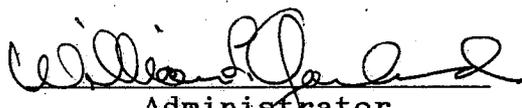
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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, 250 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.

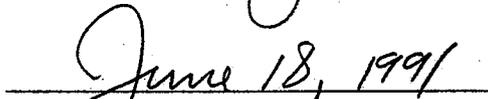
AUTHORIZED BY:



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.

SG/jyi

* CONDITION *

1. Grinder pumps are limited to a design flow equivalent to 25 residential connections. Therefore, the lift station and force main must be redesigned once flows exceed that volume (approximately 11,250 gpd).

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION - SOUTHEAST DISTRICT
Herschler Building, 4th West
Cheyenne, Wyoming 82002

PROJECT: Evans Park Restroom

APPLICANT: Town of Carpenter
P. O. Box 506
Carpenter, WY 82054
307-649-2241

WATER QUALITY DIVISION REFERENCE NUMBER: 91-150

REVIEWING OFFICIAL: Maggie Davison *MD*

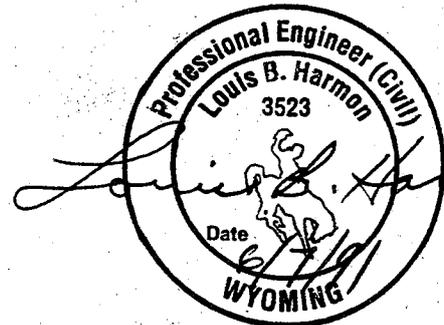
APPROVING ENGINEER: Louis Harmon

DATE OF REVIEW: June 3, 1991

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. The distances from the proposed restroom to wells, waterlines and waterways located within 50 feet must be provided;
2. The proposed site for disposal of the pumpings from the holding tank must be provided;
3. The information submitted indicates that a partitioned septic tank is being proposed as the holding tank. Clarification of whether or not this is in fact the case and, if so, why a partitioned tank is being proposed needs to be provided;
4. The facility must include a vent from the vault to a point outside and above the building and vents on opposite walls near the floor and a roof vent in the outhouse building. A sketch of the ventilation proposed for the facility must be provided.



/jn

R7

PERMIT TO CONSTRUCT

PERMIT NO. 91-150

X New
Renewal
Modified

Evans Park Restroom

This permit hereby authorizes the applicant:

Town of Carpenter
P. O. Box 506
Carpenter, WY 82054

to construct, install or modify a restroom (privie) according to the procedures and conditions of the application number 91-150. The facility is located in Section 31, T13N, R62W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of (1) year (5 years maximum) from the date of issuance of this permit.

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

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

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

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

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

June 19, 1991
Date of Issuance

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

Conditions for Permit 91-150

The permittee shall notify Don Pack, Cheyenne Laramie County Health Department, Division of Environmental Health, 1710 Snyder Avenue, Cheyenne, WY 82001, phone number (307) 638-8545 of the estimated day of completion of this project. Inspection of the installed system is required prior to backfilling.

MGD/jn

cc: Gary Hickman
Don Pack, Laramie County Environmental Health