

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-501
SPECIAL CONDITIONS

Richard A. Bauer Residential Septic System

This permit hereby authorizes the applicant:

Richard A Bauer
4688 Highway 34
Wheatland, Wyoming 82201

to construct, install or modify residential septic system according to the procedures and conditions of the application number 94-501. The facility is located in Section 23, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of two 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 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 Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

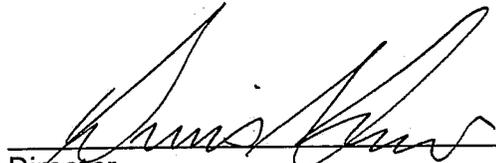
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

11/18/94

Date of Issuance

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

STANDARD CONDITIONS

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 5 The permittee shall bring the 6 inch cleanout or the manway to the ground surface at the time of construction.

LRR/mad 45278.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-501
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NA
- B. Briefly state the basis for the deviation.
NA
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NA

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NA

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

NA

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

NA

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

NA

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

NA

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

NA

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

NA

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NA

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-502R
* **CONDITIONED** *

Olive Glenn Golf Course Evapotranspiration Bed
(Name of Facility)

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

Olive Glenn Golf Course
Bob Erwin, General Manager
802 Meadow Lane
Cody, WY 82414

to install an 7500 square foot evapotranspiration bed according to the procedures and conditions of the application No. 94-502R. The facility is located in NW1/4, Section 26, T53N, R101W, City of Cody 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

12-23-94

Date of Issuance

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

Permit to Construct
94-502R
Cody-Olive Glenn GC Evap. Pond
Page 3

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-502R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
- N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

Applicable

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

A. Facility will not allow a discharge to groundwater. Briefly describe:

The soils are considered impermeable as described in Chapter XI.

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

The soils are considered impermeable as described in Chapter XI.

D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

N/A

E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

G. Briefly describe monitoring system.

Statement of Basis
94-502R
December 21, 1994

N/A

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-503
SPECIAL CONDITIONS

Antelope Coal Company Septic System

This permit hereby authorizes the applicant:

Antelope Coal Company
P.O. Drawer 1450
Douglas, WY 82633

to modify an existing septic system to handle 4,300 gpd of domestic wastewater according to the procedures and conditions of the application number 94-503. The facility is located in SW 1/4 & SW 1/4 Section 35, T41N, R71W in the county of Converse, in the State of Wyoming. This permit shall be effective for a period of 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 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 Office, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

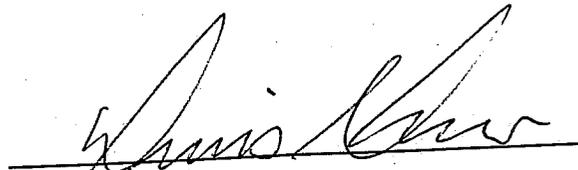
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

1/24/95

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 10 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 10 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 10 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 10 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 10 The groundwater in the Alluvial Aquifer along the Antelope Creek is classified as class III under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980)

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class III water;

Groundwater at monitoring well OWAL-11 shall not be degraded below class III criteria in Chapter VIII, Water Quality Rules and Regulations.

6 of 10 Records and Reports

- a. 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.
- b. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility. All proposed modifications to the treatment facility must be permitted by the DEQ/WQD prior to the start of construction.
- c. 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.
- d. The permittee shall report any noncompliance, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:
 1. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable surface water or groundwater of the State.
 2. Any noncompliance with a permit condition or malfunction of the system which may cause degradation of waters of the state.
 3. any noncompliance caused by surfacing of sewage caused by this facility.

A written submission shall be provided to the UIC program supervisor 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.

- e. 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 6d above.
- f. When 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.

- g. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
- h. Within 30 days of the end of each calendar year, a report shall be filled with the Cheyenne Office, Wyoming Department of Environmental Quality, Water Quality Division, 122 W. 25th Street, Cheyenne, WY 82002, ATTN: UIC Program Supervisor. A copy of this report shall also submitted to the Southeast District Supervising engineer at the above listed address. This report shall include:
 - 1. The monitoring results from monitoring well OWAL-11;
 - 2. The sample results of the sampling of Antelope Creek;
- i. 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 disposal system or associated activity, in lieu of an annual report.

7 of 10 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.

8 of 10 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.

9 of 10 Environmental Monitoring Program for Groundwater of the State

- a. Sampling and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
- b. The permittee shall prepare records of all monitoring information to be retained for a period of at least 3 years after closure of the facility.
- c. Records of monitoring information shall include:
 - 1. The date, exact place, and time of sampling measurements;
 - 2. The name(s) of individual(s) who performed the sampling or measurements;
 - 3. The date(s) analyses were performed;
 - 4. Names of individuals who performed the analyses;

5. The analytical techniques or methods used; and
 6. The results of such analyses.
- d. 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.
- e. Sampling and water analysis on the following schedule for the following listed parameters:
1. Monitoring well OWAL-11 shall be sampled on an annual basis for the Class III constituents in Chapter VII of the Water Quality Rules and Regulations.
 2. The surface water of Antelope Creek shall be sampled on an annual basis adjacent to the monitoring well OWAL-11 during the period of low flow. The samples shall be analyzed for total Ammonia as N in accordance with EPA Method 350.3. PH and Temperature shall also be recorded at the time of sampling.

The results from the required testing will be evaluated by WQD to determine if the surface water standards for Antelope Creek have been exceeded.

- f. The results of these analyses shall be submitted to the Cheyenne office by the last day of the month following the end of the year. The first set of results are due by the last day of October, 1995.
- g. Proper well evacuation shall include removal of a minimum of 1 casing volume prior to sampling or pumping the well dry once, whichever occurs first. If possible, 3 casing volumes should be removed. sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
- 10 of 10 The permittee shall inspect the bank along the Antelope creek monthly for one year after beginning operations. The inspection shall note any seepage from the banks. If any seepage is found, the permittee shall monitor Antelope Creek for BOD, TSS, Fecal Coliform Bacteria, Total Ammonia as N, PH, Temperature and report the results to the South East District Supervising Engineer immediately.

GLS/jn - 50342.ltr

cc: Bob Lucht, WQD

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-503

II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit. (Indicate yes or no for each section.)

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

N/A

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

The wastewater facility is situated directly over a confined artisan aquifer. Approximately 200 feet to the Northeast is the Antelope Creek. An alluvial aquifer for the Antelope creek primarily follows the creek. The water quality of the alluvial aquifer is Class III based on analytical data. The alluvial aquifer has TDS around 2,000 mg/l, and sulfate around 1,200 mg/l. The Class III groundwater standards do not have restrictions on Ammonia, Nitrate, and TDS is at 5,000 mg/l. The wastewater facility is for domestic wastewater only and the discharge from the leachfield will not create an exceedance of the groundwater standards.

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

The applicant is proposing to monitor OWAL 11 which is located downgradient from the leach field as a part of their yearly sampling routine. Monitoring well OWAL-11 shall be sampled on an annual basis for the Class III constituents in Chapter VII of the Water Quality Rules and Regulations. The stream will be sampled on an annual basis for ammonia, PH, and Temperature to determine if the Chapter I Class II warmwater standards have been violated.

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Antelope Coal Company Septic System

ENGINEER: Bruce N. Nelson
Environmental Design Engineering
23 North Scott, Suite 23
Sheridan, WY 82801

APPLICANT: Antelope Coal Company
P.O. Drawer 1450
Douglas, WY 82633

WATER QUALITY REFERENCE NUMBER: 94-503

APPROVING ENGINEER: Gary Steele



DATE OF REVIEW: 12-05-1994

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

- 1 of 4 Water Quality Rules and Regulations require that any septic system which discharges more than 2000 gallons of effluent per day to the subsurface to meet Chapter III Section 15 for groundwater protection. Please provide information demonstrating that the effluent will not reach groundwater or provide information showing that groundwater will not be impacted and include a monitoring program. The monitoring program must include depth to groundwater, direction of groundwater flow, and all other information required by Chapter III Section 15.
- 2 of 4 Water Quality Rules and Regulations also require that a minimum of three copies of the permit application package be submitted. Please provide 2 additional copies of the permit application package and submit 3 copies of the information requested.
- 3 of 4 Water Quality Rules also require that the plans show a leachfield replacement area. Please indicate the replacement area on the plans and the replacement area needs to be included in the groundwater investigation.
- 4 of 4 The wastewater facility will receive more than 2000 gpd therefore the wastewater facility is classified as a Class V Underground Injection Well. The wastewater facility will be monitored and tracked under the UIC program and the permit when issued will contain conditions for the UIC program requirements.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-504
STANDARD CONDITIONS

ABS Rental Trailer Park Sewer Collection Line

This permit hereby authorizes the applicant:

ABS Rentals
1331 South Sheridan Avenue
Sheridan, WY 82801

to construct, install or modify sewer collection line according to the procedures and conditions of the application number 94-504. The facility is located in the NW/4 of Section 22 of Township 56 North Range 84 West in the county of Sheridan, 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 Wyoming Department of Environmental Quality (DEQ) 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 DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Wyoming 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.

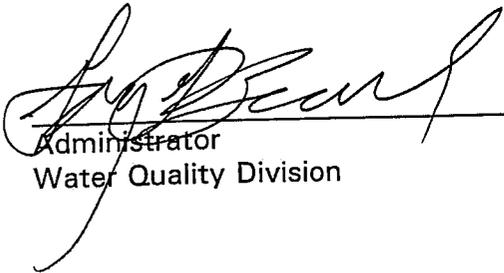
The permittee shall allow authorized representatives from the DEQ, Water Quality Division (DEQ/WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the DEQ/WQD the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: DEQ/WQD Northeast District, 1043 Coffeen Avenue, Suite D, 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 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

4-27-95

Date of Issuance

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

STANDARD CONDITIONS

- 1 of 4. The applicant will notify the DEQ/WQD Northeast District Office in Sheridan by the attached POST CARD of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to the DEQ/WQD Northeast District Office in Sheridan in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Northeast District Office in Sheridan the following information on the enclosed CERTIFICATION OF COMPLETION form:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

DRM/pr:mad 51756.LTR

Enclosures: Post Card
Certification of Completion
Statement of Basis

xc: ABS Rental District File

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-504
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. Yes.
 - B. Chapter XII. No.
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes.
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No.
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No.
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Not Applicable (N/A).
 - B. Briefly state the basis for the deviation.
N/A.
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
N/A.
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. in the Statement of Basis.)

N/A.

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-505

Martha Hansen Land, Post Treating Area
(Name of Facility)

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

Martha Hansen

P.O. Box 1887

Jackson, WY 83001

to construct a three (3) groundwater monitoring wells according to the procedures and conditions of the application No. 94-505. The facility is located in NW¼ Section 21, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of five (5) 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.

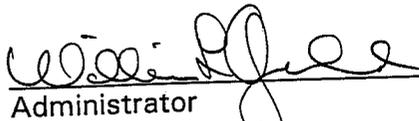
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

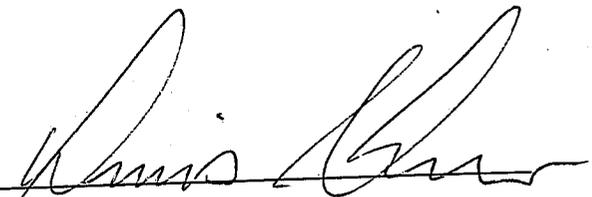
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

12-5-94

Date of Issuance

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

DN/jyi - 45477.ltr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-506
* **CONDITIONED** *

Cody - Beck Lake Plaza Water & Sewer
(Name of Facility)

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

Mountain Holding, Inc.
Bill Nielson, Chairman
1825 Big Horn Avenue
Cody, WY 82414

to install approximately 1350 lineal feet of eight (8) inch diameter PVC sewer pipe and approximately 500 lineal feet of eight (8) inch diameter water line and appurtenances according to the procedures and conditions of the application No. 94-506. The facility is located in NW1/4, Section 6, T52N, R101W, City of Cody 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.

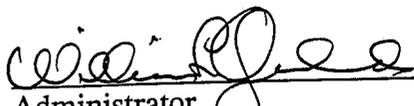
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

11/18/94

Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

Permit to Construct 94-506
Cody-Beck Lake Plaza W & S

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 45240.LTR

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-506
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. Yes
 - B. Chapter XII. Yes
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
No
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Chapter XI, Section 9, Manholes: Requires a maximum 400 feet separation between manholes for sewer line diameters less than 15 inches. The separation between manholes #1 and #2 of this project is 477 feet.
 - B. Briefly state the basis for the deviation.
The application includes a letter stating the City has the capability of cleaning a sewer with a manhole separation of this distance.

Statement of Basis
94-506

- C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/nc 45240.LTR

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-507R
* **CONDITIONED** *

Shoshoni School Addition
(Name of Facility)

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

Fremont County School District No. 24

112 West 3rd Street

Shoshoni, WY 82649

to construct a water mains with fire hydrants sewer collection lines to serve school addition according to the procedures and conditions of the application No. 94-507R. The facility is located in NW¼ Section 27, T38N, R94W 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.

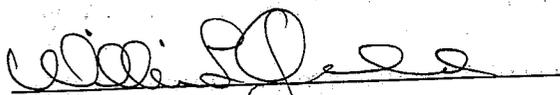
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

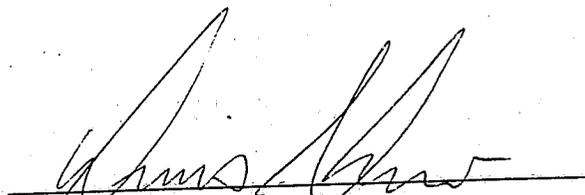
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

3-13-95
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4

The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct 94-507R
Shoshoni School Addition

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH/jyi/nc 51123.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-507R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. YES

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

YES

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

NO

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

NO

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

Statement of Basis
94-507R

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

NOT

JH/jyi/nc 51123.LTR

PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 94-508

* **CONDITIONED** *

HB & R No. 1 Holding Tank

(Name of Facility)

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

HB & R Inc.

P.O. Box 195

Wamsutter, WY 82336

to construct a 3,000 gallon holding tank according to the procedures and conditions of the application No. 94-508. The facility is located in NW¼ S34 T20N R94W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two 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.

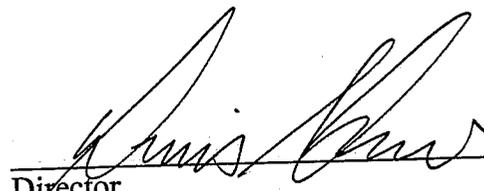
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

11/18/94

Date of Issuance

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

CONDITIONS 1 through 5

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in

Permit to Construct #94-508
HB & R No. 1

accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 The inlet pipe to the tank shall be Schedule 40 PVC or ductile iron pipe through the excavated area.

RRT/nc 45241.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-508

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

NA

B. Briefly state the basis for the deviation.

NA

C. Permit based on general or statewide deviation contained in approved policy statement.

NA

Statement of Basis
94-508

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote¹*

Not Applicable

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

RRT/nc 45241.LTR

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-509
* CONDITIONED *

Teton County Courthouse Water & Sewer
(Name of Facility)

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

Jackson Teton County Public Facilities JPB

Jalynn Coonce, County Clerk

P.O. Box 1727

Jackson, WY 83001

to install approximately 26 lineal feet of four (4) inch diameter water line and 100 lineal feet four (4) inch diameter sewer line and cleanout according to the procedures and conditions of the application No. 94-509. The facility is located in NW1/4, Section 34, T41N, R116W, Town of Jackson 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.

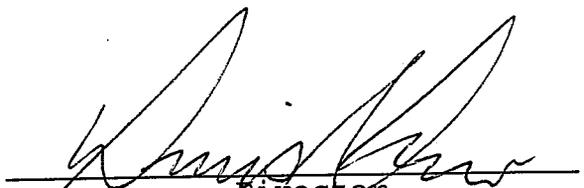
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

11-29-94

Date of Issuance

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

GL/bb/45428.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct

94-509

Jackson-Teton County Courthouse W & S

Page 3

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-509

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. Yes

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

VI. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/bb/45428.ltr

PERMIT TO CONSTRUCT

New

Permit No. 94-51ORRRR

* **CONDITIONED** *

REF: 92-140

Renewal

Modified

LL & E, Madden Deep Unit Water Storage Pond
(Name of Facility)

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

Louisiana Land and Exploration Company

1560 Broadway, Suite 1200

Denver, CO 80202

to install a 80 mil HDPE liner in existing pond and install monitor wells according to the procedures and conditions of the application No. 94-51ORRRR. The facility is located in SE¼ NE¼ Sec.11, T38N, R90W 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
Department of Environmental Quality

4-27-95

Date of Issuance

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

JH/jm - 51773.ltr

MONITORING WELL CONDITIONS 1 - 19

1. of 19 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division (DEQ/WQD), by the attached post card of the date construction will begin and the estimated completion date.
2. of 19 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 19 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 19 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5. of 19 A sample of any sources of wastewater other than Madden Deep water to be contained by the lagoons constructed under this permit, must be sampled and analyzed within 60 days of start-up of the facility or sampled and analyzed immediately in the event of an emergency discharge. The analytical results must be submitted to the DEQ/WQD within 30 days of sampling.
6. of 19 The two monitor wells in compliance with Inberg-Miller Engineers detail sheet must be constructed within 30 days of completion of the lagoons liner installation.
7. of 19 Monitoring well construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells must be constructed from materials free of material having the potential to contaminate groundwater samples.
8. of 19 All downhole equipment shall be de-contaminated between monitoring wells (borings) to minimize the potential for cross-contamination.
9. of 19 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 adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
10. of 19 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. No monitoring well shall be abandoned without prior approval from the Water Quality Division.
11. of 19 Monitoring well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitoring wells shall be reported immediately to the division. The monitoring wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
12. of 19 The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).
13. of 19 In addition to the monitoring well construction information submitted with the permit application, the following items relating to monitoring well construction shall be implemented when the monitoring wells are constructed, installed and developed:
 - a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
 - b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is required for the perforated interval.

- c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues;
- d. To minimize the entrance of fine grained material into the monitoring well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval;
- e. Filter pack, annular seal, and surface seal material shall be entered into the monitoring well in a manner such that no voids or bridging occur;
- f. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal;
- g. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout;
- h. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the monitoring well;
- i. A top and bottom cap of the same material as the monitoring well casing shall be installed to prevent sediment and surface water from entering the monitoring well;
- j. The monitoring well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

14. of 19 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitoring wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

15. of 19 Within sixty (60) days of completion of the monitor wells and prior to the filling of the storage pond with wastewater, a sampling report shall be submitted to WQD. This report shall contain at a minimum:

- a. A site map showing the physical features, monitoring well/borehole locations, and mean sea level elevations of the top of casing/measuring point;
- b. Construction details and lithologic logs of monitoring wells/boreholes;
- c. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
- d. Depth to water and product thickness measurements;
- e. Sample collection procedures;
- f. Sampling analytical results;
- g. A potentiometric surface map showing the direction and gradient of groundwater flow.

16. of 19 Proper monitoring well evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the monitoring well dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
17. of 19 The two monitoring wells associated with this facility shall be sampled and the groundwater analyzed for the parameters tested in the existing monitor wells permitted under 94-090RR.

Leak detection monitoring will follow a quarterly sampling with analysis for sodium chloride, total dissolved solids, pH, and specific conductance. The sampling schedule should match the schedule of the adjacent lagoon permitted under 94-090RR. The DEQ/WQD reserves the right to require additional parameters if wastewater from sources other than the Madden Deep Unit is placed in the pond.
18. of 19 The results of any analyses conducted on soil or water removed from these monitoring wells or boreholes shall be provided to the department as soon as they are available.
19. of 19 Should leaks be detected by groundwater analysis or found from visual inspection, the pond must be removed from service until the leak is repaired.

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-510RRRR
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. YES
- B. Chapter XII. NO
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
YES
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
NO
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

APPLICABLE

Statement of Basis
94-510RRRR
April 24, 1995

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.
- A. Facility will not allow a discharge to groundwater. Briefly describe:
An 80 mil HDPE liner will be installed and monitored for leakage with monitor wells.
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
N/A
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
N/A
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:
N/A
- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:
N/A
- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.
N/A
- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.
Leak detection monitoring will be achieved by quarterly sampling of wells with analysis for sodium, chloride, total dissolved solids, pH, and specific conductance.
- VII. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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June 16, 1995

Dan Rinker
D&B Services, Inc.
P.O. Box 148
Mountain View, WY 82939

RE: As-Built Permit To Construct, WQD Reference Number 94-511RR

Dear Mr. Rinker:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Kevin D. Jones. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit to Construct is hereby issued. The enclosed permit covers the pond which has already been constructed as well as the few remaining appurtenances which are to be constructed according to the submitted plans and specifications.

Please be advised that the system must be constructed, installed and operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to a permit issued by the DEQ and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the Rules of Practice and Procedure for the Department of Environmental Quality and the Wyoming Administrative Procedures Act.

The enclosed receipts numbered 2579 and 2580 constitute acknowledgement of receipt by the Water Quality Division of the following certificates of deposit:

Zions First National Bank Certificate No. 021-929548-2 for Fifty-three Thousand Five Hundred Twenty-six Dollars (\$53,526.00).

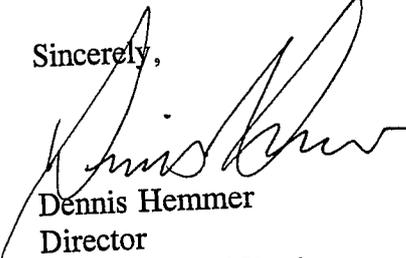
Key Bank of Utah Certificate No. 1514165 for Ninety-nine Thousand Dollars (\$99,000.00)

Dan Rinker
June 16, 1995
Page 2

These certificates of deposit are accepted in lieu of a surety bond pursuant to W.S. 35-11-306(h). Like a surety bond, their purpose shall be to assure that you faithfully perform all requirements of the Environmental Quality Act and the Rules and Regulations relating thereto. The certificates of deposit will be held until released pursuant to W.S. 35-11-306(p) or forfeited pursuant to W.S. 35-11-306(m). Please be advised that, as a condition of acceptance, the State of Wyoming becomes the owner with full control over the certificates. However, all interest earned is payable to the purchaser. Should you have any questions about the bonds, please feel free to contact Pat Jordan at 307-777-7684.

In finalizing the permit approval it was found that your corporate filing with the Secretary of State is delinquent. It was due on June 1, 1995. If you have questions about corporate filings, call the Secretary of State's office at 307-777-7311.

Sincerely,



Dennis Hemmer
Director
Department of Environmental Quality

DH/RRT/PEJ/nc 52599.LTR
Enclosures

cc: Kevin D. Jones, Engineering Associates, P.O. Box 1900, Cody, WY 82414
John A. Zebre, Zebre Law Offices, P.C., P.O. Box 746, Rock Springs, WY 82902
Randy Taylor, WPC District Engineer
Pat Jordan, WQD Bonding Analyst
Mark McSwain, 245 East 200 North, Farmington, UT 84025
Zions First National Bank
Key Bank of Utah

AS-BUILT
PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-511RR
SPECIAL CONDITIONS

D&B Disposal Lagoons - Expansion Project, Evaporative Industrial Wastewater Disposal Pond

This permit hereby authorizes the applicant:

D&B Services, Inc.
P.O. Box 148
Mountain View, WY 82939

to have constructed a commercial oilfield disposal pond according to the procedures and conditions of the application number 94-511RR. The facility is located in E 1/2 NE 1/4 S28 T13N R115W (immediately east of the existing pond DEQ/WOD permit #81-658RR) in the county of Uinta, in the State of Wyoming.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator.

Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility, meets applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by the DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by the DEQ statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and/or operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, 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.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

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.

The permittee has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

1 of 7

No later than October 10, 1995 the construction of the pond and related appurtenances as presented in the application, including reseeding of disturbed areas, shall be completed, and 2 (two) sets of final "as constructed" drawings certified by an engineer shall be submitted to the District Engineer, DEQ/WQD office at 250 Lincoln Street, Lander, WY 82520.

Also by October 10, 1995 a certificate of completion of construction of the authorized facility will be submitted to the District Engineer on the form provided (CERTIFICATION OF COMPLETION). The form is to be signed by the owner and by the design engineer. The following information will be provided:

- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications as noted.

2 of 7

The validity of this permit is dependent upon the applicant's bond for estimated reclamation costs (closure and post closure costs) in the amount of \$152,526 as required by the Water Quality Rules and Regulations, Chapter XIV, Financial Assurance Requirements. The bond amount has been determined based upon an accumulated depth in the pond of both sludges and fluids of no greater than 5 feet. This 5 foot bonded operating depth is the maximum depth authorized by this permit until the applicant supplies satisfactory bonding in the amount to provide for reclamation of the facility with the pond at the full design operation depth of 9 feet.

Exceeding 5 feet operation depth prior to providing the appropriate bonding will constitute a violation of this permit.

3 of 7

As required by Chapter XIV of the Water Quality Rules and Regulations, an operator intending to close this facility shall notify the DEQ/WQD of the intention to do so at least 180 days prior to the anticipated date for initiation of closure. Simultaneous notice shall be made by the operator to the governing body of each locality and adjacent property owners by certified or registered mail.

4 of 7

Closure and post-closure maintenance of the site shall be according to the plan submitted as part of this application, or according to a revised closure and post-closure plan approved by the DEQ/WQD.

5 of 7

The single monitoring well at the site is to be checked quarterly for presence of water. If water is present a depth to static water level measurement is to be made and the following tests are to be made after 3 well casing volumes have been evacuated from the well:

TDS, COD, Chlorides, Sulfates, and TPH for diesel range organics according to the EPA method modified 8015

The frequency of testing and the testing parameters may be modified in the future by the DEQ/WQD depending upon results obtained.

6 of 7

Additional monitoring wells may be required at the site in the future. A single monitoring well has been installed, if measurements from this well indicate an influence from the wastewater pond upon water in the monitoring well, or if it is determined that an aquifer is present, then

further site investigations by the applicant may be needed to determine the quality of groundwater and whether or not groundwater will be adversely impacted by the disposal pond. The groundwater investigations will need to be conducted according to a plan approved by the DEQ/WQD.

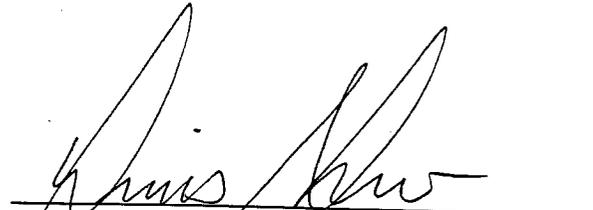
7 of 7

This facility is permitted to receive only oilfield exploration and production RCRA exempt (as defined by the EPA) produced waters and drilling fluids, unless specific authorization is obtained from the DEQ/WQD.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

6/16/95

Date of Issuance

RRT/nc 52599.LTR

cc: John A. Zebre, Zebre Law Offices, P.C., P.O. Box 746, Rock Springs, WY 82902

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-511RR
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)
Applicable
- V. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)
- A. Facility will not allow a discharge to groundwater. Briefly describe:
Investigation of geology of the area has determined that the underlying formations are not likely to allow pond fluids to reach groundwater; a margin of safety has been provided by the construction of a compacted 1 foot thick impermeable drilling mud and soil pond liner.

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

Not applicable (N/A)

C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

From the general geology of the area and from the single monitor well boring, it has been determined that the underlying formations are not likely to allow percolation of wastewater from the pond.

D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

N/A

E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

A single monitoring well has been installed. Under the conditions of this permit the well is to be monitored quarterly for presence of water and if present the following parameters are to be measured: depth to static water level, concentrations of TDS, Chlorides, Sulfates, and Petroleum Hydrocarbons by the EPA modified 8015 method for diesel range organics, and the Chemical Oxygen Demand (COD). If these measurements indicate an influence from the wastewater pond upon water in the monitoring well, or if it is determined that an aquifer is present, then further site investigations by the applicant may be needed to determine the quality of groundwater and whether or not groundwater will be adversely impacted by the disposal pond. The groundwater investigations will need to be conducted according to a plan approved by the DEQ/WOD. Limits of the monitoring parameters and what factors constitute a groundwater violation may be dependent upon these further investigations.

VI. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Permit #94-511

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, S.W. District Engineering Supervisor, and completed on June 6, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

RRT/nc 52599.LTR



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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June 15, 1995

Ms. Margaret Hawkins
Zions First National Bank
5 North Main
Bountiful, UT 84010

RE: Certificate of Deposit No. 021-929548-2, WPC Permit Number 94-511RR for D & B Services, Inc.

Dear Ms. Hawkins:

The Zions First National Bank issued the above certificate of deposit to the Wyoming Department of Environmental Quality - Water Quality Division - WPC Program on June 14, 1995. This is meant to serve as a commercial oil field waste disposal closure, post-closure inspection and maintenance, and environmental monitoring and control performance bond for the above referenced facility.

The Department of Environmental Quality, Water Quality Division, accepted this certificate of deposit in lieu of a surety bond. In the event the operator fails or abandons the affected property, the State of Wyoming must depend upon this certificate of deposit to cover the cost of reclamation. Therefore, it is of utmost importance that the State of Wyoming should be secure in its acceptance of this certificate of deposit. During the life of this deposit, D & B Services, Inc., as operator, will have the beneficial interest until such time that the Wyoming Environmental Quality Council declares a forfeiture of the bond, in which event, the department would be authorized to cash the certificate of deposit.

To avoid any future misunderstanding with you about this matter, please be advised that the acceptance of this certificate of deposit, as a reclamation performance bond, was based upon the following representations and conditions:

- a. The certificate of deposit shall be Automatically Renewable.
- b. The certificate of deposit shall be payable solely to the Wyoming Department of Environmental Quality, Water Quality Division, WPC Program.
- c. The deposits at the Zions First National Bank are protected by federal insurance up to \$100,000.00 for each depositor.

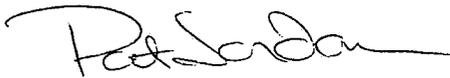
Ms. Margaret Hawkins
June 15, 1995
Page 2

- d. No other person, including the purchaser, is authorized as payee without the express written endorsement by the Director of the Department of Environmental Quality. Sole legal ownership and control of this certificate by the Department of Environmental Quality, Water Quality Division, shall be reflected on the books of the bank. Any signature card on file may be signed only by the Director of the Department of Environmental Quality. Representatives of D & B Services, Inc. may not sign any instrument which authorizes them to make withdrawals or request payment without the written endorsement by the State of Wyoming.
- e. Any interest accruing is payable to the purchaser. Interest and IRS statements should be mailed to the purchaser's address.
- f. The certificate of deposit will be held by the Wyoming State Treasurer.
- g. The Administrator hereby requires the Zions First National Bank to waive all right of setoff or liens against Certificate of Deposit No. 021-929548-2.

Please sign this letter below and return it to us to acknowledge your receipt and understanding of the conditions of this certificate of deposit. With your acknowledgement, we will consider our requirements as consistent with your understanding of this certificate of deposit as reflected by your books.

Thank you for your attention to this matter. If you have any questions, please contact Pat Jordan of this office (307-777-7684).

Sincerely,



Pat Jordan
Bonding Analyst

Agree: _____
Name & Title

Date: _____

PJ/nc 52599.LTR

Enclosure - signature card

xc: Randy Taylor, WPC District Engineer
D & B Services, Inc.

Pat Jordan, WQD Bonding Analyst

✓ WPC Permit File No. 94-511RR

John A. Zebre, Zebre Law Offices, P.C., P.O. Box 746, Rock Springs, WY 82902

Mark McSwain, 245 East 200 North, Farmington, UT 84025

THE STATE



OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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June 15, 1995

Ms. Tina Maughn
Key Bank of Utah
South Davis Office
1065 N. Highway 89
North Salt Lake, UT 84054-9906

RE: Certificate of Deposit No. 1514165, WPC Permit Number 94-511RR, D & B Services, Inc.

Dear Ms. Maughn:

The Key Bank of Utah issued the above certificate of deposit to the Wyoming Department of Environmental Quality - Water Quality Division - WPC Program on June 12, 1995. This is meant to serve as a commercial oil field waste disposal closure, post-closure inspection and maintenance, and environmental monitoring and control performance bond for the above referenced facility.

The Department of Environmental Quality, Water Quality Division, accepted this certificate of deposit in lieu of a surety bond. In the event the operator fails or abandons the affected property, the State of Wyoming must depend upon this certificate of deposit to cover the cost of reclamation. Therefore, it is of utmost importance that the State of Wyoming should be secure in its acceptance of this certificate of deposit. During the life of this deposit, D & B Services, Inc., as operator, will have the beneficial interest until such time that the Wyoming Environmental Quality Council declares a forfeiture of the bond, in which event, the department would be authorized to cash the certificate of deposit.

To avoid any future misunderstanding with you about this matter, please be advised that the acceptance of this certificate of deposit, as a reclamation performance bond, was based upon the following representations and conditions:

- a. The certificate of deposit shall be Automatically Renewable.
- b. The certificate of deposit shall be payable solely to the Wyoming Department of Environmental Quality, Water Quality Division, WPC Program.
- c. The deposits at the Key Bank of Utah are protected by federal insurance up to \$100,000.00 for each depositor.

Ms. Tina Maughn
June 15, 1995
Page 2

- d. No other person, including the purchaser, is authorized as payee without the express written endorsement by the Director of the Department of Environmental Quality. Sole legal ownership and control of this certificate by the Department of Environmental Quality, Water Quality Division, shall be reflected on the books of the bank. Any signature card on file may be signed only by the Director of the Department of Environmental Quality. Representatives of D & B Services, Inc. may not sign any instrument which authorizes them to make withdrawals or request payment without the written endorsement by the State of Wyoming.
- e. Any interest accruing is payable to the purchaser. Interest and IRS statements should be mailed to the purchaser's address.
- f. The certificate of deposit will be held by the Wyoming State Treasurer.
- g. The Administrator hereby requires the Key Bank of Utah to waive all right of setoff or liens against Certificate of Deposit No. 1514165.

Please sign this letter below and return it to us to acknowledge your receipt and understanding of the conditions of this certificate of deposit. With your acknowledgement, we will consider our requirements as consistent with your understanding of this certificate of deposit as reflected by your books.

Thank you for your attention to this matter. If you have any questions, please contact Pat Jordan of this office (307-777-7684).

Sincerely,



Pat Jordan
Bonding Analyst

Agree: _____
Name & Title

Date: _____

PJ/nc 52559.LTR

Enclosure - signature card

xc: Randy Taylor, WPC District Engineer

D & B Services, Inc.

Pat Jordan, WQD Bonding Analyst

Permit File No. 94-511RR

John A. Zebre, Zebre Law Offices, P.C., P.O. Box 746, Rock Springs, WY 82902

Mark McSwain, 245 East 200 North, Farmington, UT 84025

RF

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-512
SPECIAL CONDITIONS

Ben Vigil (Residential Septic System)

This permit hereby authorizes the applicant:

Mr. Ben Vigil
Box 1051
Wheatland, WY 82201

to construct, install or modify residential septic system according to the procedures and conditions of the application number 94-512. The facility is located in Section 14, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 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 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, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

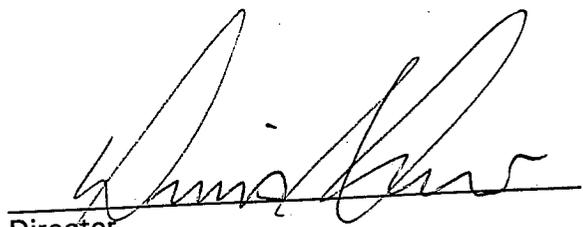
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

11-29-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GLS/mad 45364.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-512

II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit. (Indicate yes or no for each section.)

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

No

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

No

IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chap. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. of the Statement of Basis.)

N/A

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

- VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

PERMIT NO. 94-513

New
Renewal
 Modified

Modified Wastewater Tank and Secondary Containment System

This permit hereby authorizes the applicant:

Carbon County UCG, Inc.
P.O. Box 70
Tulsa, OK 74101-2926

to construct, install or modify Wastewater Holding Tank according to the procedures and conditions of the application number 94-513. The facility is located in Section 11 SE1/4, T21N, R89W in the county of Carbon County, 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 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.

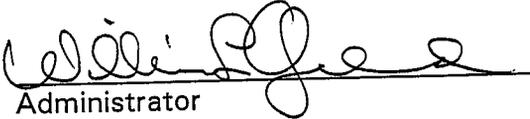
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

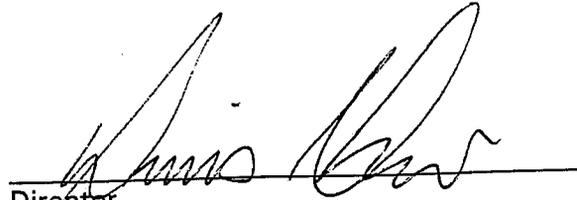
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Program Supervisor, UIC Section, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, 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

12/7/94
Date of Issuance

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

Conditions to Permit to Construct 94-513

1 of 1. All conditions contained in the original permit to construct 94-484 remain in effect with this modification.

RFL/jn - 45588.ltr

cc: Georgia Cash, LQD
PMPC, P.O. Box 370, Saratoga, WY 82331

PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 94-514

ref: 93-338

Coastal Chem Temp. Holding Pond

This permit hereby authorizes the applicant:

Coastal Chem, Inc.
P.O. Box 1287
Cheyenne, Wyoming 82003

to construct, install or modify Temporary Wastewater Holding Pond according to the procedures and conditions of the application number 94-514. The facility is located in Section 16, NW1/4SW1/4 T13N, R67W in the county of Laramie, 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 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.

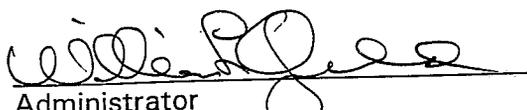
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

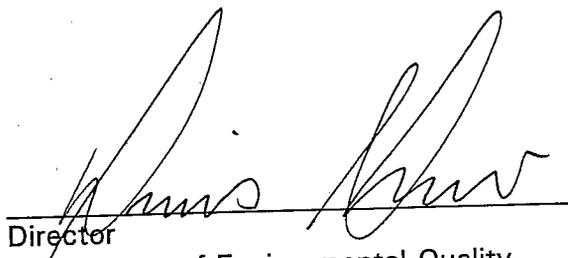
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12/7/94

Date of Issuance

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

Conditions for Permit To Construct 94-514

1 of 1. This permit covers a temporary holding pond for plant wastewater which was constructed and used only while a new permanent pond (Pond Number 4) was constructed. The plans submitted did not contain some of the required elements for a permanent pond. This pond has been temporarily abandoned as of August 30, 1994. Coastal wishes to retain this pond for one year for the purpose of emergency capacity for holding stormwater runoff and plant waste. This pond shall be used only in the event that freeboard cannot be maintained in any of the permanent ponds or while repairs are made to the liners of the permanent ponds. In the event that wastewater is placed in this pond, it shall be removed at the earliest possible date. This pond shall be permanently abandoned by December 31, 1995 or as soon after that date as all wastewater can be removed from this pond.

RFL/jn - 45589.ltr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-515R
* CONDITIONED *

Jackson - 49'R Motel Water & Sewer
(Name of Facility)

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

Creed & Clarence Law

P.O. Box 575

Jackson, WY 83001

to install a 4" diameter water service and 6" diameter sewer service according to the procedures and conditions of the application No. 94-515R. The facility is located in NE1/4, Section 33, T41N, R116W, Town of Jackson 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.

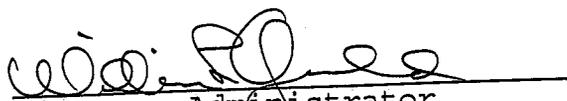
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

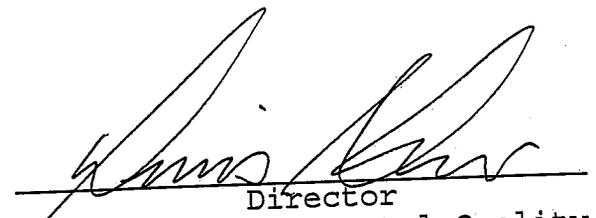
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12-23-94

Date of Issuance

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

GL/mad 45868.LTR

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-515R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XIII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

Statement of Basis
94-515R
December 21, 1994

N/A

VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 94-516R
* **CONDITIONED** *

Herdt Septic Tank/Leach Field
(Name of Facility)

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

Daniel L. Herdt
P. O. Box 904
Thermopolis, WY 82443

to construct a septic tank/leach field according to the procedures and conditions of the application No. 94-516R. The facility is located in Tract 9, Sable Run Subdivision - NE1/4, Section 23, T42N, R95W in the County of Hot Springs, 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.

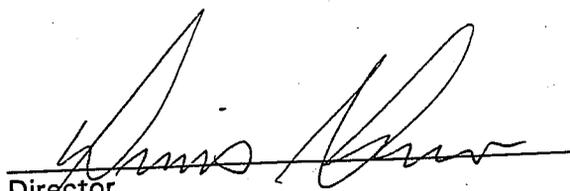
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

3-17-95
Date of Issuance

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

JH/jm - 51174.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-516R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. YES
- B. Chapter XII. NO
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
YES
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
NO
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*¹
APPLICABLE

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

Statement of Basis
94-516R
March 14, 1995

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.
- A. Facility will not allow a discharge to groundwater. Briefly describe:
Unknown
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
Unknown
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
Unknown
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:
Facility meets groundwater separation requirements.
- E. Discharge may result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:
Upon abandonment of the disposal field, groundwater quality will return to back ground.
- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.
The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.
- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.
None

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-517R
* CONDITIONED *

James 2nd Addition
(Name of Facility)

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

Richard A. James

1405 Yalecrest Drive

Rock Springs, WY 82901

to construct two fire hydrants and one blow off valve additions to water distribution system according to the procedures and conditions of the application No. 94-517R. The facility is located in SW¼ S25 T25N R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two 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.

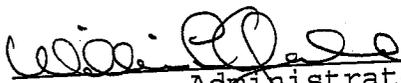
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

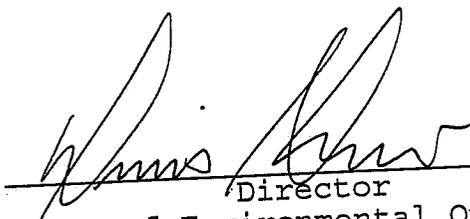
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12-13-94

Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct
James 2nd Addition
94-517R
Page 3

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RRT/mad 45719.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-517R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NA
- B. Briefly state the basis for the deviation.
NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
NA

Statement of Basis
94-517
December 9, 1994

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote¹

Not Applicable

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.



THE STATE OF WYOMING

MIKE SULLIVAN
GOVERNOR



Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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November 28, 1994

Norman Briggs
P.O. Box 124
Manderson, WY 82432-0124

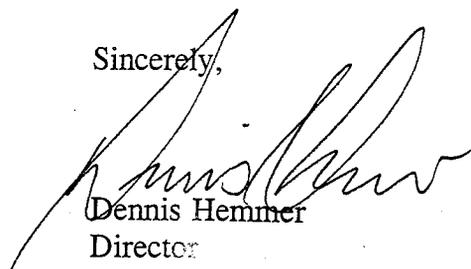
RE: As-Built Permit to Construct, WQD Reference No. 94-518

Dear Mr. Briggs:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application. Our review indicates that the application appears to meet DEQ/WQD regulations with deviation and the enclosed As-Built Permit To Construct is hereby issued.

Please be advised that the system must have been constructed, installed and be operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to an action of the DEQ/WQD and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the procedures in the Rules of Practice and Procedure and the Wyoming Administrative Procedures Act.

Sincerely,


Dennis Hemmer
Director
Department of Environmental Quality

GL/nbs/nc 45458.LTR

AS-BUILT
PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-518
* **CONDITIONED** *

Briggs Septic Tank
(Name of Facility)

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

Norman Briggs

P.O. Box 124

Manderson, WY 82432-0124

to have constructed a septic tank according to the procedures and conditions of the application No. 94-518. The facility is located in NW1/4, Section 25, T50N, R92W, Town of Manderson in the County of Big Horn, in the State of Wyoming.

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, 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.

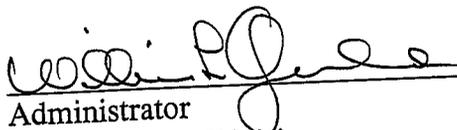
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

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.

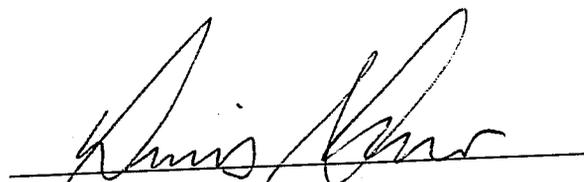
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

11-29-94

Date of Issuance

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

STANDARD CONDITIONS 1 through 5

1. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
2. of 5 The owner shall monitor sludge accumulation at least once a year and pump sludge when accumulations may compromise the functionality of leach field.
3. of 5 The owner shall check for leaks or structural deterioration in the new tank and repair as necessary.

Permit to Construct #94-518
Briggs Septic Tank

4. of 5 In the event the house and property are to be sold, the owner shall notify any potential purchasers of the type of construction, capacity and location of the septic tank and leach field.
5. of 5 In the event the septic tank does not appear to be operating properly, the owner shall notify the Wyoming Department of Environmental Quality (DEQ) and if necessary, the owner will be required to replace the tank.

GL/nbs/nc 45458.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-518
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Chapter XI, Section 29, "Minimum liquid volume of septic tanks shall be 1000 gallons..."
- B. Briefly state the basis for the deviation.
- This tank was installed not knowing a permit was required, to replace an old leaking steel tank. Local available materials were used to construct the new tank. The new tank has a capacity of 682 gallons. Although 682 gallons is less than 1000 gallons, minimum volume based hydraulic detention is 450 gallons (based on 36 hour detention time and 300 gallons/day), indicating the

Statement of Basis
94-518

tank could operate properly. Operational guidance and restrictions are conditions of this permit.

- C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/nbs/nc 45458.LTR

LAND APPLICATION PERMIT

New
Renewal
 Modified

PERMIT NO. 94-519
SPECIAL CONDITIONS
Reference 94-450

Powder River Crude Processors Site

This permit hereby authorizes the applicant:

Conoco Pipeline Company, Eighty-Eight Oil Company
True Oil Company, Phillips Petroleum Company,
Texaco Marketing & Refining Inc.
%True Oil Company P. O. Drawer 2360
Casper, WY 82602

to land apply water generated from centrifuge separation process according to the procedures and conditions of the application number 94-519. The application site is located in Section 17, T33N, R76W in the county of Converse, in the State of Wyoming. This permit shall be effective for two years.

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 method will meet applicable state requirements.

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

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

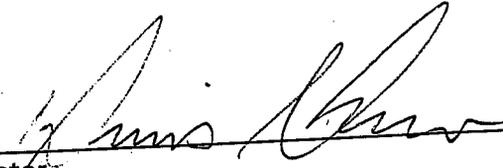
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-13-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 3 This permit is being issued to allow multiple applications of process water to the same area of the facility. The water shall be applied at a maximum rate of 0.1" of process water per square foot of soil.
- 2 of 3 This permit does not replace Permit No. 94-450 and all conditions of Permit No. 94-450 shall be adhered to for the application of the process water. The area in which the process water is being applied shall have soil samples taken every 6 months for the first year and once a year after the first year. The area shall be sampled in a minimum of 6 locations picked randomly to represent the entire area which is receiving process water. The six soil samples shall be tested for metals and TOX using TCLP and TPH using Modified Method 8015.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.

Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-519
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. No
 - B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
No
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.
 - B. Briefly state the basis for the deviation.
Land application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized. The water will be applied in such small amounts per unit area that the impact to the soil will be minimal.
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the land application of waste, establish criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to minimize impact to waters of the State.

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the process water onto the land. Repeated applications of process water on the same sections of land will be monitored by soil analyses.

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

N/A

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

N/A

- VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 94-520R
* **CONDITIONED** *

Weber Septic Tank/Leach Field
(Name of Facility)

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

Duane Weber

425 Hampshire Ave.

Lovell, WY 82431

to install approximately 300 lineal feet of leach field trench and a 1250 gallon septic tank according to the procedures and conditions of the application No. 94-520R. The facility is located in SW1/4, Section 13, T56N, R96W, Town of Lovell in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of two 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.

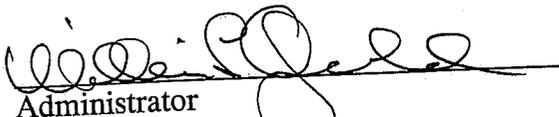
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

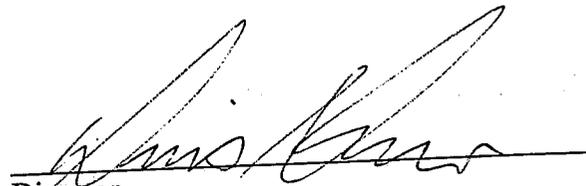
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

12-19-94
Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4

The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct 94-520R
Weber SWTF

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GL/nc 45760.LTR

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-250R
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. Yes
 - B. Chapter XII. No
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
 - B. Briefly state the basis for the deviation.
N/A
 - C. Permit based on general or statewide deviation contained in approved policy statement.
N/A

Statement of Basis
94-520R

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/nc 45760.LTR

PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 94-521
* **CONDITIONED** *

Scurlock Permian, Wamsutter Subsurface Investigation
(Name of Facility)

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

Scurlock Permian Corporation

333 Clay Street, Suite 2909

Houston, TX 77210

to construct a series of boreholes and monitor wells according to the procedures and conditions of the application No. 94-521. The facility is located in T20N, R94W, Section 34 SE 1/4 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.

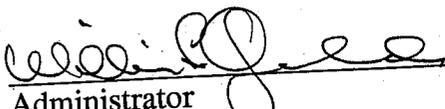
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

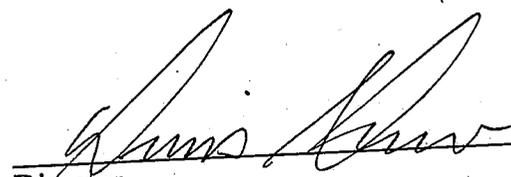
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

2-7-95

Date of Issuance

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

SPECIAL CONDITIONS

1 of 15

The applicant will notify the appropriate District office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct 94-521
Scurlock Permian

2 of 15

The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 15

Within sixty (60) days of completion of construction of the authorized facility(ies), the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

- a. Date that construction of the facility(ies) was completed; and
- b. Date that the facility(ies) was placed in operation; and
- c. Certification that the facility(ies) was constructed in accordance with the terms and conditions of the permit; or
- d. Certification that the facility(ies) was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 15

Work shall be performed under this permit within the following schedule:

- a. Work shall begin within forty-five (45) days of permit issuance;
- b. Assessment work shall be completed within ninety (90) days of initiation;
- c. A Report of Investigation (ROI) shall be submitted to the WDEQ/WQD Lander office within sixty (60) days of completion of the SSI work. The ROI shall include the information specified in WDEQ/WQD's "Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)".

5 of 15

The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-521R. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

- 6 of 15 Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 7 of 15 Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 8 of 15 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 9 of 15 After the monitoring wells/piezometers 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with City and/or Highway Department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
- 10 of 15 Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the Division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 11 of 15 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells/piezometers shall be installed to define the nature and extent of the contamination.
- 12 of 15 In addition to the well/piezometer construction information submitted with the permit application, the following items relating to well/piezometer construction shall be implemented when the wells/piezometers are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;

Permit to Construct 94-521
Scurlock Permian

- b. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;
- c. Filter pack, annular seal, and surface seal material shall be entered into the well/piezometer in a manner such that no voids or bridging occur;
- d. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.

13 of 15

DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

14 of 15

All monitor wells/piezometers associated with this facility shall be sampled and the groundwater analyzed for the parameters listed in the Plan according to the EPA Method stated.

The results of these analyses shall be submitted to the ~~Lander~~ office according to the schedule listed in condition 6 of 8 of the Permit to Construct.

15 of 15

Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The Applicant must contact the City for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.

KE/nc 50571.LTR

RE

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-522
SPECIAL CONDITIONS

Bear Creek Station (SVE System)

This permit hereby authorizes the applicant:

WYCO Pipe Line Company
P.O. Drawer "C"
Evansville, WY 82636

to construct, install or modify SVE remediation system according to the procedures and conditions of the application number 94-522. The facility is located in SE 1/4 Section 6, T27N, R68W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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 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.

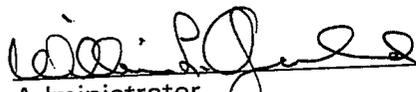
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

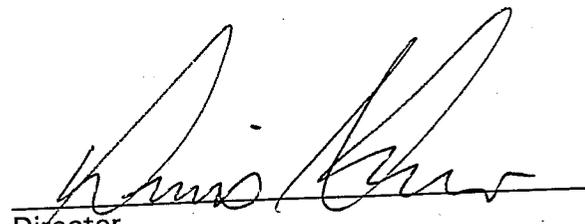
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

11-29-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 6 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 6 The applicant will provide immediate oral and/or written notice to Southeast District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 6 The permittee shall submit all test results from soil sampling to the WQD for verification that cleanup standards have been met.

6 of 6 The Air Quality Division has approved the SVE system as proposed for this project.

GLS/bb/45383.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-522
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes: This permit is for the construction of a soil vapor extraction system and is being permitted under Section 5 of Chapter XI. The SVE system is being installed to remediate 4,200 gallons of gasoline spilled at the Bear Creek Station.
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Ch. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. the Statement of Basis.)

N/A

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

N/A

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

N/A

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

N/A

Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

GLS/bb/45353.LTR



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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August 2, 1995

Cheyenne BOPU
2100 Pioneer Ave.
P.O. Box 1469
Cheyenne, Wyoming 82003

RE: Submittal of As-Constructed drawings within 60 days of completion of construction as per permit requirements for Permit Number 94-523 for the "Weber No. 1 Replacement Well - Pump House & Appurtenances"

Dear Permittee:

The DEQ/Water Quality Division has received your "Certification of Completion" form which indicates that you completed this construction on July 24, 1995. This letter is to serve as a reminder that one of the permit conditions (condition 4 of 5) is that as-constructed drawings be submitted to this office within 60 days of project completion.

To be in compliance with the permit these requirements must be met. Please submit this information before the end of the 60 day period, which would be before September 24, 1995. If you have any questions please call me at 777-7088.

Sincerely,


Gary Steele
SE District Supervisor
Water Quality Division

GS/RE/nc 53392.LTR

cc: Permit Compliance Tracking File

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-523
SPECIAL CONDITIONS

Weber No.1 Replacement Well - Pump House & Appurtenances

This permit hereby authorizes the applicant:

Cheyenne BOPU
2100 Pioneer Ave.
P.O. Box 1469
Cheyenne, Wyoming 82003

to construct, install or modify pump house with appurtenances and other equipment according to the procedures and conditions of the application number 94-523. The facility is located in NE 1/4 Section 24 T13N R68W in the county of Laramie, 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 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 Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

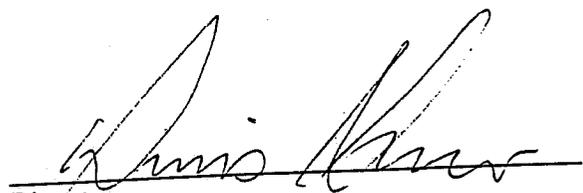
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-19-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 5. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

PERMIT NO. 94-523

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 5. As-Constructed drawings shall be submitted within 60 days of completion of construction indicating all as-constructed details, and specifically indicating which option - vertical line shaft turbine pump or submersible pump with pitless adaptor - was selected and installed.
- 5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-523
- B. Facility Name: Weber No.1 Replacement Well - Pump House & Appurtenances
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NOT Applicable
- B. Briefly state the basis for the deviation.
NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. Deleted

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

RLE/bb/45744.ltr

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-524R
* CONDITIONED *

Powell - Whitlock II Subdivision Water & Sewer
(Name of Facility)

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

Leonard F. Whitlock

405 S. Ferris

Powell, WY 82435

to install approximately 2000 lineal feet of water line and 1600 lineal feet of sewer line according to the procedures and conditions of the application No. 94-524R. The facility is located in SW1/4, NW1/4, Section 14, T55N, R99W, Town of Powell 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

1-13-95

Date of Issuance

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

GL/bb/50193.1tr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-524R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
N/A

Statement of Basis
94-524R
January 12, 1995

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/bb/50193.ltr

PERMIT TO CONSTRUCT

- New
- Renewal
- Modified

Permit No. 94-525R
* **CONDITIONED** *

East Fork Veterinary Services
(Name of Facility)

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

Carolyn Copland
763 Horse Creek Road
Dubois, WY 82513

to construct a septic tank, sand trap, and leach bed according to the procedures and conditions of the application No. 94-525R. The facility is located in SE¼ Section 7 and SW¼ Section 8, T41N, R106W 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.

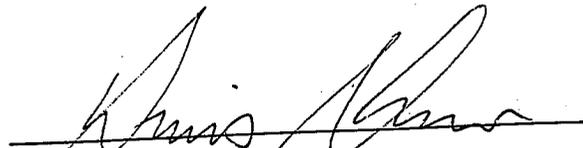
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

12-19-94
Date of Issuance

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

JH/jyi - 45789.ltr

STANDARD CONDITIONS 1 through 5

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 No chemical wastes from x-ray development are allowed to be disposed in the leach bed.

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-525R
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. yes
 - B. Chapter XII. no
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
yes
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
no
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
no
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
n/a
 - B. Briefly state the basis for the deviation.
n/a
 - C. Permit based on general or statewide deviation contained in approved policy statement.
n/a
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.
Applicable

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.
- A. Facility will not allow a discharge to groundwater. Briefly describe:
unknown
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
unknown
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
unknown
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:
Facility meets ground water separation requirements.
- E. Discharge may result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:
Upon abandonment of the disposal field, ground water quality will return to background.
- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.
The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.
- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.
none
- VII. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 94-526
SPECIAL CONDITIONS

DEAD HORSE FACILITY

This permit hereby authorizes the applicant:

SCURLOCK PERMIAN
333 CLAY STREET, SUITE 2909
HOUSTON, TX 77210

to construct, install or modify monitor wells/boreholes according to the procedures and conditions of the application number 94-526. The facility is located in NE ¼ Section 32, Township 49 North, Range 75 West in the county of Campbell, in the State of Wyoming. This permit shall be effective for a period of 5 (five) 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 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.

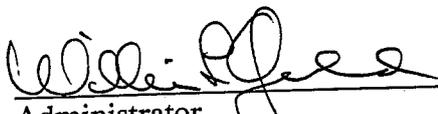
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the

project. The authorized representative in your area can be contacted at the following address: Northeast District, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue, Suite D, 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 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

12-5-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 9. 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 94-526. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 9. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells shall be installed to define the nature and extent of the contamination.
- 3 of 9. 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 the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.

- 4 of 9. 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well shall be abandoned without prior approval from the Water Quality Division.
- 5 of 9. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 6 of 9. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 7 of 9. Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 8 of 9. All monitor wells associated with this facility shall be sampled and the groundwater analyzed quarterly by EPA Method 8015 Modified for Total Petroleum Hydrocarbons as Gasoline Range Organics and Diesel Range Organics, as stated in the permit application. The results of these analyses shall be submitted to the Sheridan office by the last day of the month following the end of each quarter. The first set of results are due upon receipt.
- 9 of 9. Within ninety (90) days of the issuance of this permit, a Report of Investigation (ROI) shall be submitted to WQD. (Please see attached for contents of the ROI.)

"WDEQ/WQD Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)"

The ROI shall include the following:

1. A chronology of events leading up to the investigation;
2. Final location, "as-built" construction details and lithologic logs (including olfactory or original vapor sensing instrument data) of monitor wells and boreholes;
3. A site map showing:
 - A. physical features (i.e. structures, utilities, etc.);
 - B. monitoring well and borehole locations;
 - C. existing treatment, recovery and containment systems.
4. Geohydrologic maps and cross sections that clearly describe the subsurface distribution of geologic materials and elevations of groundwater;
5. Depth to water and product thickness measurements;
6. Monitor well and soil boring installation procedures utilized, including well development method;
7. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination, including contaminant isopach maps for BETX and TPH concentrations, and product layer thickness;
8. A potentiometric surface map showing the direction and gradient of groundwater flow;
9. Interpretation of the data and summary conclusions of the investigation results;
10. A recommended **Corrective Action Plan** and schedule for either:
 - A. Development and implementation of additional **Subsurface Investigation** work;

OR

B. Development and implementation of **Corrective Measures** to:

- (1) Control (contain) the migration of contaminated (dissolved) groundwater;
- (2) Restore the quality of groundwater to within Wyoming groundwater quality standards.

OR

C. Development and submittal of **Statement of Basis** to justify **Project (Site) Closure**.

NOTE: All plans and schedules for implementation of **Subsurface Investigations, Corrective Measures and Project (Site) Closure** require **Department of Environmental Quality, Water Quality Division (WDEQ/WQD)** approval **prior** to their implementation.

GROUNDWATER POLLUTION CONTROL PROGRAM
REVIEW COMMENTS:
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1043 COFFEEN AVENUE, SUITE D
SHERIDAN, WYOMING 82801

PROJECT: SITE CHARACTERIZATION
FACILITY: DEAD HORSE FACILITY
APPLICANT: SCURLOCK PERMIAN CORPORATION
333 CLAY STREET, SUITE 2909
HOUSTON, TX 77210
713-646-4134
CONSULTANT: STEVEN F. MOLDT
INBERG-MILLER ENGINEERS
1120 EAST "C" STREET
CASPER, WY 82601

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 94-526
 EXISTING NEW AS BUILT

TITLE: PROPOSED WORK PLAN FOR EVALUATION OF HYDROCARBON
CONTAMINATION, DEAD HORSE FACILITY, CARBON COUNTY, WY
 PLANS SPECS PROPOSAL REPORT

DATE ON PROPOSAL/PLANS/REPORT: NOVEMBER 15, 1994

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT? NO YES

AN LOV, NOV OR OTHER ENFORCEMENT? NO YES 8/5/93

REVIEWING GEOLOGIST: _____

DATE OF THIS REVIEW: 11/28/94

ACTION: AUTHORIZED FOR CONSTRUCTION

COMMENTS: GROUNDWATER SECTION

I. **SUMMARY OF EXISTING CONTAMINATION:**

The results of soil and groundwater sampling at the Dead Horse facility are summarized in the following tables. These data were compiled from an Inberg-Miller Engineers document entitled "Subsurface Exploration Report, Hydrocarbon Delineation, Dead Horse Station, 23 Miles West Of Gillette, Wyoming, January 8, 1993".

Table 1 : Analytical Results, Monitor Wells

WELL NUMBER	MATRIX	PARAMETER	RESULT (mg/kg)
MW-2	SOIL	Arsenic	67
		Cadmium	0.2
		Chromium	17
		Lead	92
		TPH	ND
MW-3	SOIL	Arsenic	5.7
		Cadmium	0.2
		Chromium	20
		Lead	11
		TPH	623
MW-4	SOIL	Arsenic	7.4
		Cadmium	0.2
		Chromium	17
		lead	11
		TPH	1797
		Ethylbenzene	470
		Xylene	2450
OS-1	SOIL	Arsenic	7.7
		Cadmium	0.2
		Chromium	20
		Lead	11
OS-2	SOIL	Arsenic	5.8
		Cadmium	1.4
		Chromium	30
		Lead	79
		TPH	286,000
		Xylene	790
		Cyclohexane	490
		Cumene	310

Table 2: Analytical Results, Soil Borings

Borehole Number	TPH-Soil (mg/kg)	TPH-Water (mg/l)
BH-1	972	6.06
BH-2	5072	-
BH-3	3046	-
BH-4	136	-
BH-5	791	-
BH-7	562	9.1
BH-11	208	17.4
BH-12	1912	13.4
BH-15	23.1	-
BH-16	21.3	-
BH-17	22.8	-
BH-18	68.2	-
BH-19	26.3	-

II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

The monitor wells and boreholes referenced in the above tables were installed without a Permit to Construct from the WDEQ. A Letter of Violation (LOV) was issued from this department on August 5, 1993 that described these violations. The monitor wells installed under this permit will address the extent of hydrocarbon contamination at this facility as requested in the LOV.

III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

Permit to Construct number 94-526 is authorized under the following conditions:

- 1 of 9. 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 95-526. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 9. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be

required by the WQD. An adequate number of wells shall be installed to define the nature and extent of the contamination.

- 3 of 9. 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 the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 4 of 9. 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well shall be abandoned without prior approval from the Water Quality Division.
- 5 of 9. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 6 of 9. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 7 of 9. Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 8 of 9. All monitor wells associated with this facility shall be sampled and the groundwater analyzed quarterly by EPA Method 8015 Modified for Total Petroleum Hydrocarbons as gasoline range organics and diesel range organics. The results of these analyses shall be submitted to the Sheridan office by the last day of the month following the end of each quarter. The first set of results are due upon receipt.
- 9 of 9. Within ninety (90) days of the issuance of this permit, a Report of Investigation (ROI) shall be submitted to WQD. (Contents of the ROI are attached to permit number 94-526.

END OF REVIEW

PERMIT TO CONSTRUCT

[X] New
Renewal
Modified

PERMIT NO. 94-527
STANDARD CONDITIONS

SAWS AIRPORT SUPPLEMENTAL CHLORINATION

This permit hereby authorizes the applicant:

SAWS/JPB
224 South Main Street, Suite B1W
Sheridan, WY 82801

to construct, install or modify supplemental chlorination facilities according to the procedures and conditions of the application 94-527. The facility is located in the SE/4 of Section 33 in Township 56 North Range 84 West in the county of Sheridan, 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: Wyoming Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

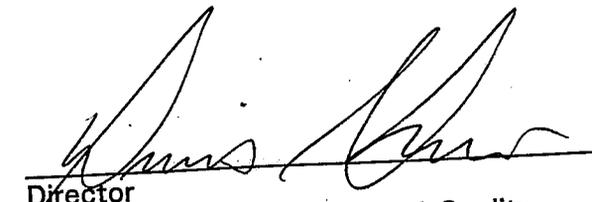
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

The issuance of this permit does not convey any property rights in either real or personal property, nor 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

11-22-94

Date of Issuance

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

STANDARD CONDITIONS

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Sheridan District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

Enclosures: Statement of Basis
 Post Card
 Certification of Completion Form

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-527
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
 - A. Chapter XI. No.
 - B. Chapter XII. Yes.
- III. Basis for issuing permit. (Indicate yes or no for each section.)
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes.
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No.
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No.
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Not Applicable (N/A).
 - B. Briefly state the basis for the deviation.
N/A.
 - C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
N/A.

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A.

VII. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-528
* **CONDITIONED** *

Commanche Hills Subdivision Phase IV
(Name of Facility)

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

Lakeland Developers

404 N Street, Suite 207

Rock Springs, WY 82901

to construct a wastewater collection and water distribution systems according to the procedures and conditions of the application No. 94-528. The facility is located in NE¼ S27 and SE¼ S22 T19N R105W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two 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.

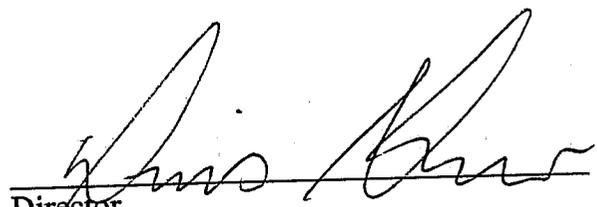
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

12-22-94

Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in

accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4

Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.

- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4. of 4

The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RRT/nc 45822.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-528
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NA
- B. Briefly state the basis for the deviation.
NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
NA

Statement of Basis
94-528

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. *See footnote*¹

Not Applicable

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

RRT/nc 45822.LTR

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 94-529
SPECIAL CONDITIONS
Reference 93-412

View Point Phase I Extension

This permit hereby authorizes the applicant:

City of Cheyenne Board of Public Utilities
24th & Snyder
Cheyenne, WY 82001

to construct, install or modify extension to the publicly owned water distribution system and wastewater collection system according to the procedures and conditions of the application number 94-529. The facility is located in SE 1/4 Section 22, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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 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 Office, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

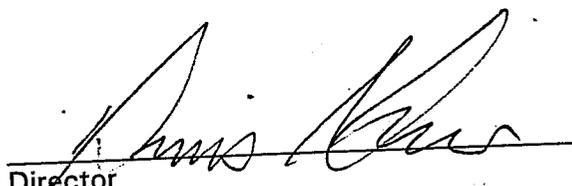
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-5-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 5 This permit authorizes the extension of the water distribution and wastewater collection system for an additional six residential lots onto that which was permitted under 93-412. This permit (94-529) does not replace permit 93-412 and all conditions of permit 93-412 shall be adhered to.

GLS/mad 45546.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-529
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- N/A
- B. Briefly state the basis for the deviation.
- N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
- N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

VII. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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March 28, 1995

Coffey & Associates, L.L.C.
ATTN: Karen Halvorsen
903 Grand Avenue
Laramie, Wyoming 82070

RE: **Changes To Permit # 94-530 - APPROVED**

Dear Ms. Halvorsen:

The Water Quality Division has received and reviewed the proposed changes to the Western Mobile Northern septic system, permit to construct # 94-530, and hereby approves and authorizes the changes, with the following notations:

1. The leach field pipe shall be laid level.
2. As before, the Colorado Precast tank will also require that the manholes be brought to the surface.
3. The other permit conditions remain in effect. These conditions include:
 - a. Submit construction schedule card,
 - b. Inspection required by Stephanie Whitman before the system is covered, and
 - c. The Certification of Completion form must be submitted when the project is completed.

If you have any questions please call me at (307) 777-6183.

Sincerely,

Ronald L. Ewald
Engineering Evaluator
SE District, Water Quality Division

RLE/nc 51336.LTR

cc: Western Mobile Northern, Inc.
Stephanie Whitman, Albany Co. Environmental Health Director
Archive File for Permit # 94-530

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-530
SPECIAL CONDITIONS

Western Mobile Northern - Batch Plant Septic System

This permit hereby authorizes the applicant:

Western Mobile Northern, Inc.
1172 N. 2nd Street
Laramie, Wyoming 82070

to construct, install or modify Commercial septic system and leach field according to the procedures and conditions of the application number 94-530. The facility is located in NW 1/4 Section 16 T16N R73W in the county of Albany, 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 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.

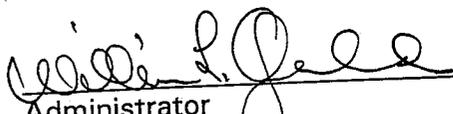
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

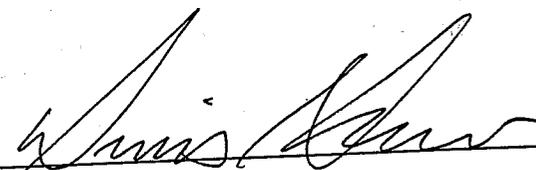
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-19-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 7. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 7. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 7. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

PERMIT NO. 94-530

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 7. Septic Tank - Must bring the manhole to the ground surface on Vaughn Concrete Products Septic Tanks, because there is no clean-out provided.

5 of 7. The intent of the construction authorized by this permit is to provide for the temporary treatment of wastewater until such time that treatment is available through a regional wastewater system. The Laramie Step I Wastewater Facility Plan requires that treatment be provided through a regional system. The facilities authorized by this permit (provided that they fall within the coverage of the Laramie 201 Plan) will be operated under the provisions of the 201 Plan Exemption process administered by the Albany County Planning Commission, the Albany County Board of County Commissioners, the Laramie Planning Commission, and the Laramie City Council. The operation of these facilities will be subject to any review and/or renewal requirements imposed by the 201 Plan Exemption. Finally, these facilities will only be operated until services are available through the approved regional system. These facilities will then be properly abandoned or integrated into the regional system in accordance with the requirements of the Facility Plan, unless the City of Laramie and Albany County jointly authorize an additional extension. If you have any questions contact the Albany County Planning Commission.

6 of 7. Before the septic tank, leach field pipe, or other important components are covered, the applicant shall contact the Environmental Health Director for the City of Laramie/Albany County (Stephanie Whitman) at 721-5283, to arrange for an inspection of the project. The system shall not be covered or placed into service until this inspection has been conducted and the work has been approved.

7 of 7. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RLE/bb/45801.ltr

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-530
- B. Facility Name: Western Mobile Northern - Batch Plant Septic System
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NOT Applicable
- B. Briefly state the basis for the deviation.
NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. Deleted

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

RLE/bb/45801.ltr

cc: Stephanie Whitman, Laramie/Albany Co. Env. Health Dir.

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Western Mobile Northern, Batch Plant Septic System

ENGINEER: Karen L. Halvorsen
Coffey & Assoc., L.L.C.
903 Grand Avenue
Laramie, Wyoming 82070

APPLICANT: Western Mobile Northern, Inc.
1172 N. 2nd St.
Laramie, Wyoming 82070

WATER QUALITY REFERENCE NUMBER: 94-530

REVIEWING ENGINEER: Ronald L. Ewald *RL E*

DATE OF REVIEW: December 09, 1994

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

All previous items of concern (November 29, 1994 review) have been satisfactorily addressed except for the following.

1. Replacement Leach Field Area - Chapter XI of the Wyoming DEQ Water Quality Rules and Regulations, Section 41(a)(i) states that "At least three feet of undisturbed soil shall remain between the existing and replacement trench side walls." From the trench cross sections given on the plans this can not be accomplished. Therefore, a different proposal for the replacement leach field area must be made.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-531R
* CONDITIONED *

Jackson - Pioneer Homestead Center Water & Sewer
(Name of Facility)

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

Pioneer Homestead Senior Center

Connie Owner, Director

P.O. Box 552

Jackson, WY 83001

to install a grease trap, sewer services, and water service according to the procedures and conditions of the application No. 94-531R. The facility is located in NE1/4, Section 34, T41N, R116W, Town of Jackson 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.

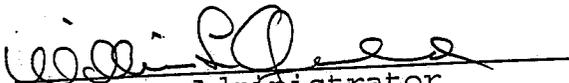
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

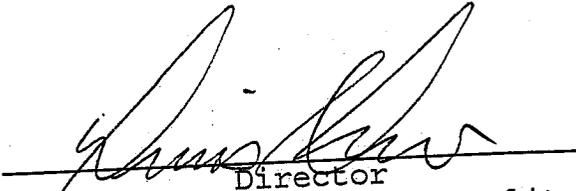
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

1-13-95
Date of Issuance

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

GL/bb/50194.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct

94-531R

Jackson-Pioneer Homestead Center W&S

Page 3

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-531R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement.
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.
N/A
- VI. Documentation of Statement of Basis.

Statement of Basis
94-531R
January 12, 1995

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GL/bb/50193.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-532
SPECIAL CONDITIONS

Pershing Blvd. Reconstruction - Phase II

This permit hereby authorizes the applicant:

City of Cheyenne, B.O.P.U.
2406 Snyder Ave.
Cheyenne, WY 82001

to replace existing water mains according to the procedures and conditions of the application number 94-532. The facility is located in SW 1/4 Section 30, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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 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, State of Wyoming, Department of Environmental Quality, Water

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

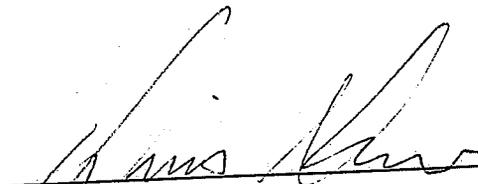
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

1-13-95

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

GLS/nc 50147.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-532
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A

- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

- VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

GLS/nc 50147.LTR

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-533
SPECIAL CONDITIONS

F.E. Warren AFB Sewer Replacement (Bldg 65)

This permit hereby authorizes the applicant:

Jack B. Knudson
90 CES/CD
300 Vesle Drive
Cheyenne, WY 82005

to construct a wastewater sewer line according to the procedures and conditions of the application number 94-533. The facility is located in T14N, R67W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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 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.

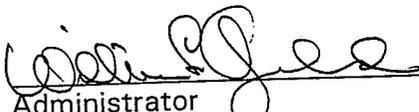
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions 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 Office, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, 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

12-7-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 7 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 7 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 7 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 7 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 7 The permittee shall submit a set of as constructed plans which include a plan and profile sheet of the constructed sewer line.

6 of 7 The Wyoming Public Works Standard Specifications shall be used for the construction specifications.

7 of 7 A cleanout shall be installed at the change in horizontal alignment of the sewer main. The cleanout shall be of the same size as the sewer line.

GLS/mad 45607.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-533
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
No
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
Yes
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Section 9(d)(i) requires that a manhole be placed at all changes in horizontal alignment.
- B. Briefly state the basis for the deviation.
The sewer line will be installed with a cleanout at the location of the bend to clean the line. The length of pipe being serviced by the cleanout is approximately 80 feet long.
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

N/A

- VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

PERMIT TO CONSTRUCT

New

Renewal

Modified

Permit No. 94-534R
* **CONDITIONED** *

Water Treatment Plant Filter Expansion, City of Rawlins
(Name of Facility)

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

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct a Fourth Water Filter according to the procedures and conditions of the application No. 94-534R. The facility is located in SW¼ S31 T21N R89W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of (2) two 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.

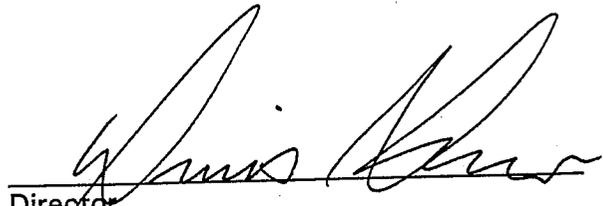
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

1/24/95

Date of Issuance

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

RRT - 50335.LTR

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-534R
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. No
- B. Chapter XII. Yes
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NA
- B. Briefly state the basis for the deviation.
NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
NA
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.
Not Applicable
- VI. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-535RR
* **CONDITIONED** *

LaCounte Septic Tank/Leach Field
(Name of Facility)

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

Monte LaCounte

170 West Seventh

Lovell, WY 82431

to construct a septic tank/leach field for single family residence according to the procedures and conditions of the application No. 94-535RR. The facility is located in Lot 69E, T56N, R96W, resurvey in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of 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.

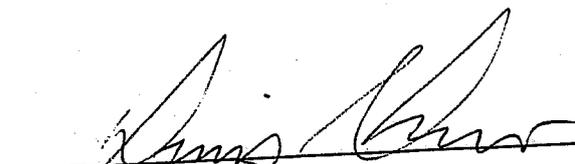
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

1/24/95
Date of Issuance

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

JH/jm - 50340.LTR

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-535RR
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. YES
 - B. Chapter XII. NO
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
YES
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
NO
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
 - B. Briefly state the basis for the deviation.
N/A
 - C. Permit based on general or statewide deviation contained in approved policy statement.
N/A
- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.
- A. Facility will not allow a discharge to groundwater. Briefly describe:
UNKNOWN
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
UNKNOWN
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
UNKNOWN
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:
Facility meets ground water separation requirements.
- E. Discharge may result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:
Upon abandonment of the disposal field, groundwater quality will return to background.
- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.
The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.
- G. Briefly describe monitoring system (parameters, frequency, etc.)
Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.
none
- VII. Documentation of Statement of Basis.
- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-536
* CONDITIONED *

Herman Septic #1
(Name of Facility)

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

Darlene Herman

P.O. Box 138

Elk Mountain, WY 82324

to construct a small wastewater system according to the procedures and conditions of the application No. 94-536. The facility is located in SE¼ S16 T20N R80W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two 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.

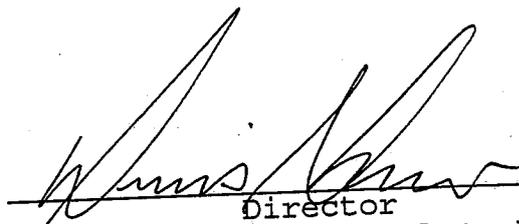
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

12-13-94

Date of Issuance

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

CONDITIONS 1 through 5

1. of 5 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

2. of 5 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
5. of 5 Septic tank installation is to be according to manufacturer's recommendations to avoid structural damage and leakage.

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-536
- II. Application reviewed for compliance with the following regulations.
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit.
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations.
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NA
- B. Briefly state the basis for the deviation.
NA
- C. Permit based on general or statewide deviation contained in approved policy statement.
NA

Statement of Basis
94-536
December 9, 1994

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote¹

Not Applicable

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

New
Renewal
X Modified - Change of Owner

PERMIT NO. 94-537
SPECIAL CONDITIONS
REF: PERMIT #93-025

AIMC Company - Casper Monitoring Wells

This permit hereby authorizes the applicant:

Lloyd Putnam
LL Enterprises
P.O. Box 1655
Mills, WY 82644

to construct, install or modify a system of environmental monitoring wells according to the procedures and conditions of the application number 94-537. The facility is located in Lot 32, Westgate II Industrial Park, Section 27, T34N, R80W, 6 P.M. in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of five (5) 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 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: Program Supervisor, UIC Section, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

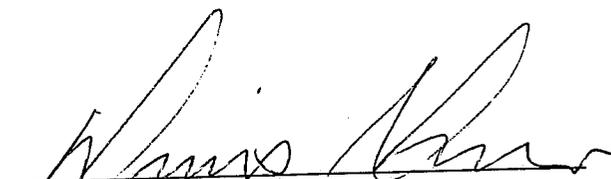
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

02/04/93

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 5. This permit has been transferred to Lloyd Putnam from the American International Manufacturing Corporation. The groundwater monitoring wells covered by this permit were installed in accordance with the conditions of permit to construct 93-025 and the plans and specifications submitted in permit to construct application number 93-025.
- 2 of 5. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation was granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 3 of 5. 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 WQD.

PERMIT NO. 94-537

- 4 of 5. 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 using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 5 of 5. The results of analyses conducted on soil and water removed from these wells or boreholes was provided to the department and are on file in the Cheyenne Office of DEQ. Files are kept in the Underground Injection Control section

RFL/bb/45542.ltr

PERMIT TRANSFER REQUEST

Date: 11/15/94

RECEIVED
EC 01 1994
QUALITY DIVISION
WYOMING

Water Quality Division
Department of Environmental Quality
122 West 25th Street
Herschler Building
Cheyenne, WY 82002

To Whom It May Concern:

American International Manufacturing Corporation ^{has transferred} ~~intends to transfer~~ ownership of the facility
(Original Owner)

associated with Permit Number 93-025 to Lloyd Putnam with L. L. Enterprises
(New Owner)

on 4th Qtr. 1993 (Date). It is requested that the said permit be transferred to the new owner in

accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

The original owner shall retain responsibility for the facility according to the terms of the original permit until the application for permit transfer is approved by the Administrator.

Please transfer the permit to the transferee's name and issue a modified permit reflecting the transfer of ownership. Terms and conditions of the original permit are transferred to and become the responsibility of the new owner.

[Signature] ^{President}
Signature of Original Owner

X [Signature]
Signature of New Owner

Name American International Manufacturing Corp

Address P.O. Box 7037
Ft Worth, TX 76111

Telephone (810) 347-9134

Name Lloyd Putnam - L.L. Enterprises

Address P.O. Box 1655
Orin, WY 82014

Telephone (307) 473-8245

AMERICAN

INTERNATIONAL MANUFACTURING CORPORATION

October 24, 1994

OCT 27 1994

Mr. Robert Lucht, P.E. and P.G.
Wyoming Department of Environmental Quality
Herschler Building, 4th floor West Wing
122 West 25th Street
Cheyenne, Wyoming 82002

Re: Monitoring Wells Located at 2663 Oil Drive

Dear Mr. Lucht:

American International Manufacturing Corporation has sold its interest and transferred title to the property located at 2663 Oil Drive in Casper, Wyoming. The new property owner is Lloyd Putnam with L.L. Enterprises in Mills, Wyoming.

I am herewith requesting that "Permit to Construct 93-025" be transferred from American International Manufacturing Corp. to Lloyd Putnam with L.L. Enterprises.

Mr. Putnam's address is Box 1655, Mills, Wyoming, 82644, and can be reached at (307) 473-8745 or by fax at (307) 473-2153.

My phone number is (810) 347-9134 and fax number is (810) 349-5995.

Sincerely,



Donald W. Trofholz
President

OIL FIELD EQUIPMENT SINCE 1924

P.O. BOX 7037 • FORT WORTH, TEXAS 76111 • TELEPHONE 817/638-2001 • TELEX 704817 • FACSIMILE 817/631-3600

• DALLAS, TEXAS • MIDLAND, TEXAS • ODESSA, TEXAS • BAKERSFIELD, CALIFORNIA • HOUSTON, TEXAS •
• OKLAHOMA CITY, OKLAHOMA • DENVER, COLORADO • CASPER, WYOMING •

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-538
SPECIAL CONDITIONS

Karen Davis Residential Septic System

This permit hereby authorizes the applicant:

Karen Davis
182 W. Frontage Rd.
Wheatland, WY 82201

to construct, install or modify residential septic system according to the procedures and conditions of the application number 94-538. The facility is located in SE 1/4 Section 26, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 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 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 Office, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, 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

12/7/94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 5 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5 The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 5 A cleanout or manway for each compartment of the septic tank shall be extended to the ground surface.

GLS/mad 45609.LTR

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-538
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

N/A

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

33954.DOC

94-539



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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January 5, 1995

RE: Casper Soccer Field Project

Dear Public Meeting Attendees (see enclosed attendance list):

This letter is provided to inform you of the Department of Environmental Quality, Water Quality Division's (DEQ/WQD) decision on the City of Casper's proposed soccer field complex.

On June 20, 1994 a public meeting was held to hear comments with respect to the application of treated wastewater by the City of Casper at the proposed soccer field complex. The two permit applications at issue were the permit to construct for conveying the treated wastewater from the municipal wastewater treatment plant to the proposed soccer field complex (DEQ/WQD Permit 94-135) and the land application of the treated wastewater onto the soccer field complex (DEQ/WQD Permit 94-452).

Since the public meeting, the City of Casper has submitted a permit application for the use of potable water for spray irrigation of the soccer field complex (DEQ/WQD Permit 94-539) and withdrawn the two original permit applications for the use of treated wastewater for irrigation of the soccer field complex (DEQ/WQD Permits 94-135 & 94-452).

A brief summary of the all the public meeting commenters' concerns and the respective responses are listed below. A record of the public meeting minutes is on file at the DEQ offices in Casper, Cheyenne, and Sheridan.

1) **Mr. Philip Stuckert.**

Mr. Stuckert's comments were supportive of the project.

No environmental concerns were raised.

2) **Mayor Doyle Davidson.**

Mayor Davidson's concern was the use of treated wastewater near the Evansville water intake located in the North Platte River.

The use of treated wastewater near the Evansville intake is no longer proposed by the City of Casper.

3) **Mr. John Bradshaw.**

Mr. Bradshaw's concern was the movement of possible existing contamination through groundwater from areas near the proposed soccer field complex into the soccer field complex.

Movement of known off-site pollution is not considered to be a threat to the health of those that would utilize the soccer field complex.

4) **Ms. Millie Lamb.**

Ms. Lamb's concern was the existing pollution in the north Casper area.

A sub-surface investigation has been completed and contaminate plumes identified in the North Casper area. A threat to health does not exist unless the area groundwater is used for domestic purposes. The water used for domestic purposes in the area of concern is presently provided by a public water supply, which has been checked for pollutants and is monitored regularly for their presence. The public water supply is safe to use and free of the contaminants found in the North Casper area.

5) **Mr. Vern Gangwish.**

Mr. Gangwish's concern was the impact of the treated wastewater spray on his property which is located next to the existing softball fields adjacent to the proposed soccer field complex.

Wastewater is no longer proposed for watering the softball fields or the soccer field complex.

6) **Mr. Tom Davis.**

Mr. Davis expressed three concerns: 1) the presence of PCE (tetrachloroethene, also called perchloroethylene or tetrachloroethylene) in the soccer field complex and lack of PCE monitoring in the soccer field complex, 2) the impact to the North Platte River by

runoff of treated wastewater and stormwater from the soccer field complex, and 3) impact to groundwater as a result of spray irrigation at the soccer field complex, particularly with respect to the potential of the spray irrigation reversing the direction of groundwater flow.

The DEQ/WQD has not tested for PCE at the proposed soccer field complex because it is not an area where PCE could threaten health, even if it were present. The funds available for testing in Casper were used in areas where there was a concern for health.

Impact to the North Platte River by runoff of treated wastewater and stormwater has been considered. Runoff of treated wastewater is no longer a concern, however, as the City of Casper has withdrawn its proposal to utilize it as a water source for spray irrigation of the soccer field complex. Of the runoff associated with stormwater from the soccer field complex, 10% will discharge to the river upstream of the Evansville intake through an existing storm sewer, 60% will be retained on the site to percolate into the alluvium, and 30% will be discharged to the river through a storm sewer downstream of the Evansville intake. The discharges to the river are not considered a significant threat to the water quality.

Impact to the groundwater by spray irrigating the soccer field complex with treated wastewater is no longer considered a concern as the City of Casper has withdrawn this proposal.

A groundwater model of the groundwater in the soccer field complex during the proposed irrigation season does not indicate any significant changes in the direction of groundwater flow, which is northeasterly in direction.

7) **Mr. Frank Gentry.**

Mr. Gentry's comments were supportive of the project.

No environmental concerns were raised.

In addition to the comments from the public meeting, the DEQ has recently received inquiries about the use of commercial fertilizers and pesticides by the City of Casper at the proposed soccer field complex. The DEQ/WQD's rules and regulations do not address the use of commercial fertilizers and pesticides, and therefore, this issue was not considered in the permit application review.

Based upon the comments and responses above and the documentation provided by the City of Casper, the DEQ/WQD has issued a permit to construct to the City of Casper which involves

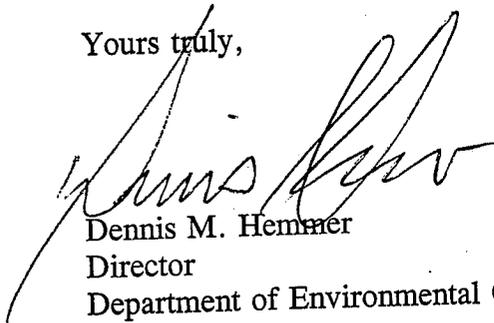
January 11, 1995
Page 4

the spray irrigation of potable water at the proposed soccer field complex (DEQ/WQD Permit 94-539). A copy of the permit is enclosed.

This decision may be appealed to the Environmental Quality Council within sixty (60) days of issuance of the permit pursuant to Section 16 of Chapter I of the Rules of Practice and Procedure of the DEQ. A copy of this document is on file at the DEQ offices in Casper, Cheyenne, and Sheridan.

Thank you for your comments and participation in this permit application review process.

Yours truly,



Dennis M. Hemmer
Director
Department of Environmental Quality



William L. Garland
Administrator
Water Quality Division

DH/WLG/DRM/nc 50149LTR.LTR
Enclosures: Public Meeting Attendance List
DEQ/WQD Permit 94-539

CASPER SOCCER FIELD PUBLIC MEETING ATTENDANCE LIST

- 1) City of Casper
200 North David Street
Casper, WY 82601
Representatives:
Mayor Michael Reid
Councilman George Fetter
Mr. Tom Forslund
Mr. Philip Stuckert
Mr. David Hill
Mr. Hal Hutchinson
- 2) Ms. Janet Bays, Casper Journal
2000 Fairgrounds Road
Casper, WY 82604
- 3) Tom Morton
Casper Star Tribune
170 Star lane
Casper, WY 82604
- 4) Mr. Barry Venn, CEPI
355 North Linclon
Casper, WY 82601
- 5) Mr. Colin Cunningham
2341 Belmont
Casper, WY 82604
- 6) Mr. Tom Davis
2563 Hanway Avenue
Casper, WY 82604
- 7) Department of Environmental Quality
DEQ
Herschler Building, 4th Floor
122 West 25th Street
Cheyenne, WY 82002
Representatives:
Mr. Dennis Hemmer
Mr. Larry Robinson
Ms. Kelley Pelissier
- 8) DEQ/WQD
1043 Coffeen Avenue, Suite D
Sheridan, WY 82801
Representatives:
Mr. Don McKenzie
Mr. Brian Mark
- 8) Ms. Diane Sanelli, U.S. EPA
Region VIII, Denver Place
999 18th Street, Suite 500
Denver, CO 80202-2405
- 9) Town of Evansville
235 Curtis
Evansville, WY 82636
Representatives:
Mayor Doyle Davidson
Councilwoman Amy Russell
- 10) Mr. Vern Gangwish
1332 East "M" Street
Casper, WY 82601
- 11) Mr. Frank Gentry
3731 East 22nd Street
Casper, WY 82609
- 12) Mr. Garry Harms
3871 Ridecrest Road
Casper, WY 82604
- 13) Mr. Rick DeCesare
KGWC Television
304 North Center Street
Casper, WY 82601
- 14) Mr. Mark Knoll
1311 Country Club Road
Casper, WY 82609
- 15) Ms. Emily Harrison
KTWO Television
4200 East 2nd Street
Casper, WY 82609

- 16) Mr. Jim Meador
630 West 47th Street
Casper, WY 82601
- 17) Mr. Everett Molyneux
1126 North Jefferson
Casper, WY 82601
- 18) Ms. Helen Rodriguez
North Casper Improvement Association
928 North kimball
Casper, WY 82601
- 19) Pollution Solution Representatives:

Mr. John Bradshaw
1105 North Washington
Casper, WY 82601

Mr. Bob Lamb
1027 North Washington
Casper, WY 82601

Ms. Millie Lamb
1027 North Washington
Casper, WY 82601
- 20) Mr. C. H. Russell
219 1st Street
Evansville, WY 82636
- 21) Mr. Sydney Spiegel
No Address Provided Nor Listing In
Casper Telephone Book
- 22) Ms. Glenda Stark
State Representative HD58
6715 West Zero Road
Casper, WY 82604

PERMIT TO CONSTRUCT

[X] New
Renewal
Modified

PERMIT NO. 94-539
STANDARD CONDITIONS

CASPER SOCCER FIELD COMPLEX

This permit hereby authorizes the applicant:

City of Casper
200 North David Street
Casper, WY 82601

to construct, install or modify a fire hydrant and potable water and sewer service connections according to the procedures and conditions of the application 94-539. The facility is located in the NE/4 of Section 3 in 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 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

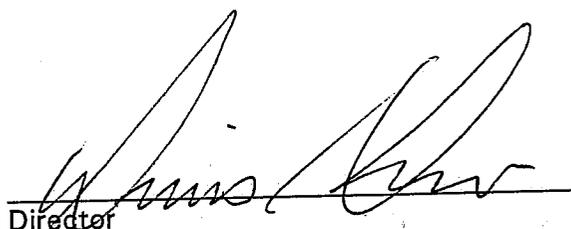
address: Wyoming Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

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 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

1/11/95
Date of Issuance

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

STANDARD CONDITIONS

- 1 of 4 The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4 The applicant will provide immediate oral and/or written notice to Sheridan District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Sheridan District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 4

The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

Enclosures: Statement of Basis
Post Card
Certification of Completion Form

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-539
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes.
- B. Chapter XII. Yes.
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
No.
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No.
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No.
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Wyoming Water Quality Rules and Regulations (WWQRR) Chapter XI Section 9 (c) (iii) (D).
- B. Briefly state the basis for the deviation.
The regulation cited above requires a saddle tap for a sewer connection to an existing sewer collection line. However, for this particular installation, a saddle tap is not the best application for use in tapping a vitrified clay

sewer main due to reasonable concerns of damaging the integrity of the clay tile with the securing bands of the saddle.

- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

No. A general or statewide policy does not exist for saddle tap deviations. This deviation recommendation is based solely upon the site specific limitations of this application only.

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

A groundwater review is not necessary for this permit as potable water will be utilized for spray irrigation of the proposed soccer field complex, and therefore, the project poses no threat to the quality of the local groundwater.

- VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

DRM/nc 50149PER.LTR



THE STATE OF WYOMING

RECEIVED

JUN 22 1995



WYOMING

WATER QUALITY DIVISION
WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

AIR QUALITY
(307) 672-6457
Fax (307) 674-6050

LAND QUALITY
(307) 672-6488
Fax (307) 672-2213

WATER QUALITY
(307) 672-6457
Fax (307) 674-6050

June 19, 1995

Mr. Craig Mader
P.O. Box 92
Gillette, Wyoming 82717

RE: Return of application package 94-540
Stone Gate Estates Phase II

Dear Mr. Mader:

Your application is considered inactive and is being returned under the assumption that the applicant does not wish to proceed with the permit to construct process. Please respond to this office giving the status of the facility.

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

Sincerely,

Brian Mark, P.E.
Senior Environmental Analyst
NE District, Water Quality Division

BDM/pr

Encl: Application package 94-540

cc: Larry Robinson, DEQ/WQD, Cheyenne
Patti Burns, DEQ/IPS, Cheyenne
Mike McDill, County Engineer, Campbell County,
500 S. Gillette Ave., Gillette, Wyoming 82717
Terry Wilson, 5508 B Townsend Pl., Cheyenne, Wyoming 82009

ROAD APPLICATION PERMIT

PERMIT NO.: 94-541
SEE SPECIAL CONDITIONS

Halfmoon Oil Field Road Application
(Name of Facility)

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

Marathon Oil Company

1501 Stampede Avenue

Cody, Wyoming 82414-4721

to road apply up to 1278 yd₃ of crude oil, sand, soil and gravel mix. The application site is located in Sections 12, 13, 14 T51N, R102W, and Sections 17 & 18 T51N, R101W in the county of Park in the State of Wyoming. This permit shall be effective for the period of April 30 to November 1, 1995.

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 road apply granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or ensures that the disposal method will meet applicable state requirements.

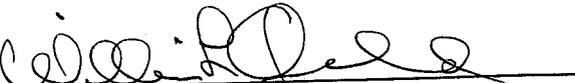
Nothing in this permit constitutes an endorsement of the disposal method described herein. This permit indicates only that standards required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the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

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

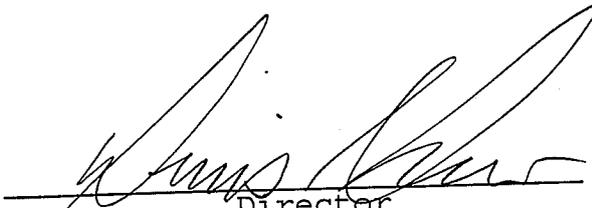
Nothing in this permit shall be construed to preclude the constitution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Dept. of Environmental Quality

1-10-95

Date of Issuance

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

ROAD APPLICATION STANDARD CONDITIONS

This permit is issued with the requirement that the following conditions are met:

1. of 10. The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date the road application will begin and the estimated completion date.
2. of 10. The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 10. Within sixty days of completion of the road application, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that the road application was completed; and
 - b. Certification the road application was done in

accordance with the terms and conditions of the permit; or

- c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed.
4. of 10. Waste oil and sludge shall be applied by a method and at a rate which will prevent runoff or ponding after incorporation into the road. Applications shall not be initiated during the spring runoff period or other periods where saturated soil conditions exist.
5. of 10. The slope of the roads application shall not exceed 8 percent.
6. of 10. Waste oil and sludge application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
7. of 10. The permittee will contact the Department of Environmental Quality, Water Quality Division District Engineer, Jeff Hermansky phone number 307-332-3144, to arrange a field inspection prior to initiation of work. The district engineer should be notified at least 48 hours in advance of application and must be informed how much waste oil and sludge will be applied (number of truckloads), the specific site of application (to the nearest 1/4 section) and time of application.
8. of 10. Waste oil and sludges applied to a road will be mechanically incorporated into the road bed. Wastes will not be applied during the period from November 1 to April 30.
9. of 10. Only the roads designated in this permit are authorized for application of the waste oil and sludge. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the Water Quality Division.
10. of 10. The review of this permit and the authorization is based upon the items identified in the attached Statement of Basis.

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-541

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. NO

B. Chapter XII. NO

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

NO

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

NO

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

NO

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a) (iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.

B. Briefly state the basis for the deviation.

Road application is permitted when DEQ authorized disposal facilities are not readily available, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.

- C. Permit based on general or statewide deviation contained in approved policy statement.

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish the criteria for characterizing the waste and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

Applicable

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

- A. Facility will not allow a discharge to groundwater. Briefly describe:

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the crude oil/soil mix onto the roadbed. Repeated applications of crude oil on the same sections of road will be monitored by roadbed analyses required for any future applications.

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

NA

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

NA

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

NA

Statement of Basis

94-541

January 6, 1995

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d) (vi), Chapter VIII. Briefly describe:

NA

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

NA

PERMIT TO CONSTRUCT

New

Permit No. 94-542R
* **CONDITIONED** *

Renewal

Modified

Cody Veterinary Hospital
(Name of Facility)

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

Cody Veterinary Hospital

P.O. Box 2657

Cody, WY 82414

to construct a 6 inch DIP water line and 8 inch PVC sewer according to the procedures and conditions of the application No. 94-542R. The facility is located in Lot 60, T52N, R101W resurvey 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.

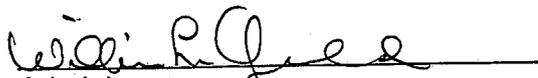
The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions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

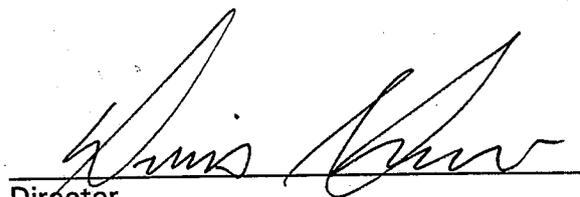
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

1-17-95

Date of Issuance

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

JH/jyi - 50208.ltr

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-542R

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. YES

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

YES

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

NO

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

NO

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

NOT

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-543
SPECIAL CONDITIONS

Central Campbell County Improvement and Sewer District-Water Supply Well No. 5

This permit hereby authorizes the applicant:

Central Campbell County Improvement and Service District
6409 Tassel Avenue
Gillette, Wyoming 82718

to construct, install or modify a water supply well according to the procedures and conditions of the application number 94-543. The facility is located in the NW/4 of the NW/4 of Section 17 Township 49 North Range 71 West in the county of Campbell, in the State of Wyoming. This permit shall be effective for a period of one 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: Northeast District, State of Wyoming, Department of Environmental Quality, Water

Quality Division, 1043 Coffeen Avenue Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457.

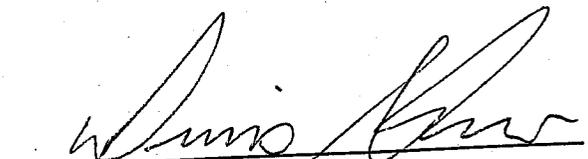
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

1/24/95

Date of Issuance

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

STANDARD CONDITIONS

- 1 of 4. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 4. The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

Permit #94-543
Page 3

- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

BDM/pr: January 23, 1995 /nc 50367.LTR

Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-543
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. no
- B. Chapter XII. yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
no
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
yes
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
no
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
1. Wyoming Water Quality Rules and Regulations Chapter XII Section 9(b)(iii)(C) parts(I), (III), and (IV).
- B. Briefly state the basis for the deviation.
- Part (I) requires specific construction standards for the well casing. API grade casing is proposed and approved for two reasons: 1) the contractors are more familiar with the handling and use of typical oilfield materials for the relatively deep well constructions, and 2) the casing exceeds the DEQ/WQD standard line pipe specifications.
- Part (III) requires sieve analysis for determining the well screen opening. The proposed and approved screen size determination is based on past experience in completing local Fort Union Formation water wells. Sieve

analysis has been utilized in the past for area Fort Union Formation wells and often yielded screen openings which have either plugged or allowed sand entry.

Part (IV) requires a wellbore and casing clearance of two inches or more. The proposed and approved clearance is less than the minimum two inches, but within standard oilfield drilling and completion practices. The DEQ/WOD two inch requirement does not necessarily insure a good cement seal. Proper borehole conditioning and adequate spacing between the casing and wellbore are more critical factors affecting the quality of the cement seal.

Part (IV) 1. requires cement conforming to ASTM standard C150. The proposed and approved API cement is similar in composition to the DEQ/WOD standard and the contractor is more familiar with the accepted oil industry "deep" well completion materials and techniques.

- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

not applicable, public water supply

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

not applicable

- VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

Footnote: Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-544
SPECIAL CONDITIONS

North Casper Soccer Field

This permit hereby authorizes the applicant:

City of Casper
200 North David
Casper, WY 82601

to construct, install or modify monitoring wells according to the procedures and conditions of the application number 94-544. The facility is located in NE 1/4 Section 3, T33N, R79W in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of 3 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 ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Groundwater Section, State of Wyoming, Department of Environmental Quality, Water Quality Division, 3030 Energy Lane, Suite 200, Casper, Wyoming 82604; telephone (307) 473-3465.

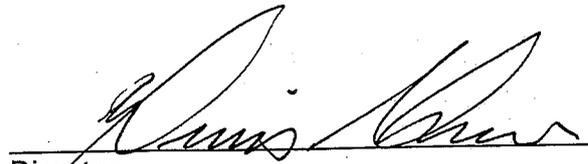
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

2/3/95

Date of Issuance

LF/jn - 50466.ltr

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

Standard Monitoring Well/Piezometer Conditions

- 1 of 16. The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-544. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 16. Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 3 of 16. All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.
- 4 of 16. Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 5 of 16. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 6 of 16. After the monitoring wells/piezometers 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.

- 7 of 16. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 8 of 16. The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).
- 9 of 16. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells/piezometers shall be installed to define the nature and extent of the contamination.
- 10 of 16. In addition to the well/piezometer construction information submitted with the permit application, the following items relating to well/piezometer construction shall be implemented when the wells/piezometers are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
 - b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells/piezometers installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval;
 - c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;
 - d. To minimize the entrance of fine grained material into the well/piezometer, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval;
 - e. Filter pack, annular seal, and surface seal material shall be entered into the well/piezometer in a manner such that no voids or bridging occur;
 - f. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.
 - g. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout.
 - h. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the well/piezometer;

- i. A top and bottom cap of the same material as the well/piezometer casing shall be installed to prevent sediment and surface water from entering the well/piezometer;
 - j. The monitoring well/piezometer shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
- 11 of 16. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 12 of 16. Within ninety (90) days of the issuance of this permit, a report of investigation shall be submitted to WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing the physical features, monitoring well/piezometer/borehole locations, and mean sea level elevations of the top of casing/measuring point;
 - c. The permittee shall provide the exact latitude and longitude for each of the monitor wells/piezometers being constructed under this permit. These figures shall be accurate to the nearest one (1) second of latitude and longitude;
 - d. Final location, construction details and lithologic logs of monitor wells/piezometers/boreholes;
 - e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
 - f. Depth to water and product thickness measurements;
 - g. Sample collection procedures;
 - h. Sampling analytical results;
 - i. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination and concentrations;
 - j. A potentiometric surface map showing the direction and gradient of groundwater flow; and
 - k. Interpretation of the data and conclusions of the investigation, including additional recommended investigation and remedial measures, and a schedule for implementation of these measures.

- 13 of 16. Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.
- 14 of 16. All monitor wells/piezometers associated with this facility shall be sampled and the groundwater analyzed quarterly for the following listed parameters according to the EPA Method stated:

EPA Method 624.5

- a. After the second monitoring event, the WQD may substitute a shorter list for the above parameters, depending on the results of the second monitoring event. WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring.
- b. The results of these analyses shall be submitted to the DEQ/WQD Casper office by the last day of the month following the end of each quarter. The first set of results are due 60 days following completion of the wells.
- 15 of 16. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The applicant must contact the city for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.
- 16 of 16. The results of any analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.

COMMENTS: GROUNDWATER SECTION

I. SUMMARY OF EXISTING CONTAMINATION:

Numerous existing studies have identified solvent related contamination in the general vicinity of the Soccer Complex.

II. CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

The source and extent of this contamination has not been fully characterized and has been given a low priority due to the relatively low contaminant concentrations and lack of apparent source information. The proposed wells are located around the perimeter of new construction for a proposed recreational facility and reportedly proposed for self auditing purposes. A representative of the permittee has stated that, although permitting may not be required for these wells, they prefer to have the permits processed and approved.

III. REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

- A. The location of the proposed wells should be evaluated for alternative needs as indicated by the current permit applications being evaluated by the Department for the Soccer Complex. If possible these wells should be located and planned in conjunction with these activities to avoid a duplication of efforts.
- B. The following standard monitoring well conditions shall apply to all wells installed under this permit:

Standard Monitoring Well/Piezometer Conditions

- 1 of 16. The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-544. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 2 of 16. Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 3 of 16. All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.
- 4 of 16. Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 5 of 16. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.

- 6 of 16. After the monitoring wells/piezometers 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
- 7 of 16. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 8 of 16. The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).
- 9 of 16. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells/piezometers shall be installed to define the nature and extent of the contamination.
- 10 of 16. In addition to the well/piezometer construction information submitted with the permit application, the following items relating to well/piezometer construction shall be implemented when the wells/piezometers are constructed, installed and developed:
- a. The borehole diameter shall be at least four (4) inches larger in diameter than the casing diameter;
 - b. For water table (unconfined) aquifers, the screened interval shall extend at least two (2) feet above the highest expected groundwater level. Monitoring wells/piezometers installed in confined and semi-confined aquifers shall be constructed in accordance with Chapter XI, Section 68 of Water Quality Division Rules and Regulations. Factory screen or slotted casing is recommended for the perforated interval;
 - c. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;
 - d. To minimize the entrance of fine grained material into the well/piezometer, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval. The filter pack shall extend to a minimum of one (1) foot above the screened interval;
 - e. Filter pack, annular seal, and surface seal material shall be entered into the well/piezometer in a manner such that no voids or bridging occur;

- f. A minimum two (2) foot thickness of bentonite or bentonite grout is required at the top of the filter pack to serve as an annular seal. After the bentonite has been placed in the annular space, it shall be hydrated to insure a proper seal.
 - g. The annular space above the bentonite seal to within one foot (1') of the surface will be sealed with Portland cement, sand-cement grout, or bentonite grout.
 - h. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the well/piezometer;
 - i. A top and bottom cap of the same material as the well/piezometer casing shall be installed to prevent sediment and surface water from entering the well/piezometer;
 - j. The monitoring well/piezometer shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected;
- 11 of 16. DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.
- 12 of 16. Within ninety (90) days of the issuance of this permit, a report of investigation shall be submitted to WQD. This report shall contain at a minimum:
- a. A chronology of events leading up to the investigation;
 - b. A site map showing the physical features, monitoring well/piezometer/borehole locations, and mean sea level elevations of the top of casing/measuring point;
 - c. The permittee shall provide the exact latitude and longitude for each of the monitor wells/piezometers being constructed under this permit. These figures shall be accurate to the nearest one (1) second of latitude and longitude;
 - d. Final location, construction details and lithologic logs of monitor wells/piezometers/boreholes;
 - e. Geohydrologic maps and/or cross sections that clearly describe the subsurface distribution of geologic materials and groundwater occurrence;
 - f. Depth to water and product thickness measurements;
 - g. Sample collection procedures;

- h. Sampling analytical results;
- i. A map delineating the extent of the subsurface contamination including LNAPL (free product), soil and dissolved groundwater contamination and concentrations;
- j. A potentiometric surface map showing the direction and gradient of groundwater flow; and
- k. Interpretation of the data and conclusions of the investigation, including additional recommended investigation and remedial measures, and a schedule for implementation of these measures.

13 of 16. Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

14 of 16. All monitor wells/piezometers associated with this facility shall be sampled and the groundwater analyzed quarterly for the following listed parameters according to the EPA Method stated:

EPA Method 624.5

- a. After the second monitoring event, the WQD may substitute a shorter list for the above parameters, depending on the results of the second monitoring event. WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring.
- b. The results of these analyses shall be submitted to the DEQ/WQD Casper office by the last day of the month following the end of each quarter. The first set of results are due 60 days following completion of the wells.

15 of 16. Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The applicant must contact the city for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.

16 of 16. The results of any analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.

END OF REVIEW

RF



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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July 11, 1995

Abi Garaman, Mayor
Town of Jackson
P.O. Box 1687
Jackson, Wyoming 83001

RE: Town of Jackson Wastewater Treatment Plant Modifications; WY DEQ 94-545; Review of Plans and Specifications

Dear Mayor Garaman:

The plans and specifications for the construction of the Town of Jackson Wastewater Treatment Project have been reviewed by the State of Wyoming Department of Environmental Quality. This office hereby approves the plans and specifications with conditions, and is enclosing a permit to construct. The conditions of the approval are as follows:

1. The dates for the bid opening and the pre-bid conference need to be in the specifications.
2. The appropriate goals for Minority and Female Utilization are:

Female - 6.9% and Minority - 4.0%.

The Advertisement for Bids and Section H, of the federal and State requirements, should be modified to reflect the appropriate goals.

3. Water Quality Rules and Regulations, Chapter XI, Section 11, (a) requires that plant configuration and piping be arranged to avoid bypassing of processing units that could result in inadequately treated sewage reaching the receiving surface water. Line 26, Intermediate Pump Station Bypass, is not permissible as discharges to surface waters shall meet or exceed quality limitations in the National Pollution Discharge Elimination System Permit. Roger Jacobson's letter dated May 12, 1995 indicates discharge from this line would probably violate the fecal coliform limitation of the NPDES Permit. The intermediate Pump Station Bypass, Line 26, is not permissible and shall be removed from the Plans and Specifications.

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

Abi Garaman, Mayor

July 11, 1995

Page 2

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

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

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

Please contact the SRF Section Supervisor at DEQ if any questions arise concerning MBE/WBE utilization on this project.

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

Sincerely,



Gary Beach
Administrator
Water Quality Division

GB/MAE/nc 52969.LTR

Enclosure

cc: Roger Jacobson, Engineering Associates, Cody, WY (w/encl)
Jeff Hermansky, NW District, WDEQ (w/encl)
SRF File (w/encl)

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-545
SPECIAL CONDITIONS

Town of Jackson Wastewater Treatment Facility

This permit hereby authorizes the applicant:

Town of Jackson
P.O. Box 1687
Jackson, WY 83001

to construct, install or modify Town of Jackson Wastewater Treatment Facility according to the procedures and conditions of the application number 94-545. The facility is located in Section 29, NE and NW 1/4 Section; T40N, 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 confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator.

Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by the DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by the DEQ statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and/or operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, 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 DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representatives in your area can be contacted at the following address: Program Supervisor, SRF Section, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973; and Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726.

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations in the exercise of activities authorized by this permit.

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.

The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 15 The applicant will notify the offices of the Water Quality Division, Department of Environmental Quality, by the attached post cards of the date construction will begin and the estimated completion date.
- 2 of 15 The applicant will provide immediate oral and/or written notice to Program Supervisor, SRF Section, State of Wyoming, DEQ, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781; FAX (307) 777-5973; and Northwest District Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-7726 in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 15 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Northwest District and SRF Section on the forms provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 15 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 15 This permit includes a deviation from the required overall detention time of 30 days. The design capacity of Phase I (5.00 MGD) provides 30 days total detention time, however, Phase II (6.5 MGD) provides only 23 days detention. The removal of fecal coliforms in wastewater stabilization ponds is dependent on detention time and temperature. Disinfection can also be used to achieve specified removal levels. U.V. disinfection will be provided to achieve specified levels of fecal coliform removal. It is expected that 23 days detention, followed by U.V. disinfection will be sufficient to satisfy fecal coliform removal requirements.
- 6 of 15 This permit includes a deviation from the requirement to provide controls to permit varying the water levels, interconnecting piping between lagoon cells, and bypass piping for aerated lagoon cells. Cells #3 and #4 are considered individual cells with baffles. Subcells such as 3A, 3B1, 3B2, 4A, 4B, 4C and 4D occur because existing dikes carrying existing piping are in place. The large pond cells would have required subdividing into smaller units or the use of baffles in order to improve pathogen removal. Varying the water level, and providing interconnecting piping, and bypass piping between the subcells of Cells #3 and #4 will not be necessary.

- 7 of 15 This permit includes a deviation from the requirement to make provisions for dewatering lagoon Cells #3 and #4. Each subcell of lagoon Cell #3 and #4 can be dewatered separately as required in order to perform maintenance or to work on diffusers. It is not necessary to completely dewater the entire cell to perform work on each sub-cell in Cells #3 and #4.
- 8 of 15 This permit includes a deviation from prohibiting a complete bypassing of treatment units. During a catastrophic power failure, raw sewage will bypass primary Cells #1 and #2 via pipe 4A and discharge into sub-Cell #3B. This would only occur during an emergency where both electric power and standby electric power failure occur simultaneously. Sewage would be diverted to sub-Cell #3B to prevent raw sewage from flooding the preliminary treatment building and also from reaching the receiving surface water. Once the operator arrives, he will divert the flow back into primary Cell #1. Once power is restored, operations will return to normal. Adequate downstream capability to treat sewage from the temporary bypass is provided with aerated cells #3, #4 and #5.
- 9 of 15 Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first.
- 10 of 15 Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly.
- 11 of 15 The discharge of wastes from the sewage treatment lagoons to the subsurface by natural seepage, infiltration or percolation shall not cause a groundwater quality concentration of any constituent in the aquifer immediately below the facility to exceed the class of use standard for class I groundwater as contained in Chapter VIII, Wyoming Water Quality Rules and Regulations. The points of compliance shall be monitor wells identified as #1, #2, #3, #4, #5, #6, #7 and #8.
- 12 of 15 The Town of Jackson shall monitor the groundwater in wells #4, #5, #7, and #8 on a monthly time schedule. The Town shall monitor the groundwater in wells #1, #2, #3, and #4 on a semi-annual time schedule. The results should be reported within 30 days after the close of each calendar quarter to the: Northwest District Supervisor, DEQ/WQD, 250 Lincoln Street, Lander, Wyoming 82520. The report shall contain all monitoring and record keeping required in addition to any upsets or operating problems encountered by the wastewater treatment system.
- 13 of 15 Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity which includes following proper quality assurance and control methods. The permittee shall prepare records of all monitoring information and retain copies for a minimum of three years. Records shall at a minimum contain the following information:
- a. The date, exact place, and time of sampling or measurement;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. Volume of water evacuated from a well prior to sampling;
 - d. Methods of sample preservation;
 - e. The date(s) sample analyses was performed;
 - f. Names of individuals performing analyses;
 - g. The analytical techniques or methods used; and
 - h. The results of such analyses or measurements.

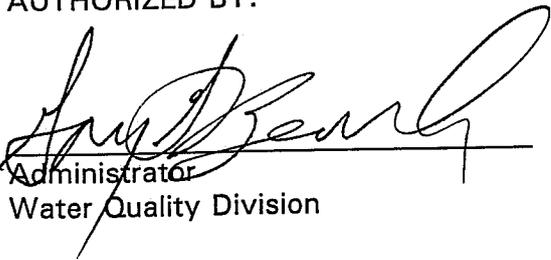
14 of 15 The following parameters shall be monitored at each well:

<u>PARAMETER</u>	<u>CLASS I STANDARD</u>	<u>METHOD</u>
Static water level	None	-----
Nitrate as nitrogen	10 mg/l	EPA 353.1
Ammonia	0.5 mg/l	EPA 350.1
Total Phenol	-----	EPA 420.1
Total Dissolved Solids	500 mg/l*	EPA 209C
Fecal Coliform	-----	EPA 9221C
pH	6.5-9.0 s.u.	pH meter

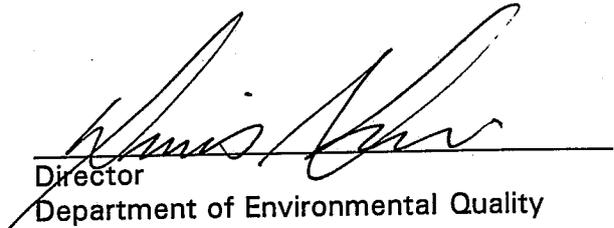
*If Class I groundwater quality measured in upgradient wells exceeds 500 mg/l, then the higher measured value dictates, and thus determines the standard for this parameter.

15 of 15 The corresponding Class I groundwater quality level is provided for each parameter in item 14. Where a class I standard is not given, the level will be evaluated at each submittal to determine if additional actions are necessary by the permittee should a class I exceedance occur. Exceedance of any parameter in any monitoring event shall be reported by telephone within 24 hours of discovery. This telephone report shall be confirmed by letter within 7 days of discovery. The letter report shall contain a description of steps taken to correct the problem and a plan to insure that recurrence does not occur.

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

7/14/95

Date of Issuance

MAE/nc 52968.LTR

cc: Engineering Associates, P.O. Box 1900, Cody, WY 82414

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-545
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. yes
- B. Chapter XII. no
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
- yes
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- no
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
- Chapter XI, Section 18,
(a), (iii), requires 30 days total detention time;
(a), (vi), (B), requires controls to permit varying water levels;
(a), (vii), (A), requires interconnecting piping between cells;
(c), (iii), requires bypass piping for aerated lagoon cells;
(f), (ii), (B), requires provisions for dewatering aerated lagoon cells;
(d), (ii), prohibits complete bypassing of treatment units.
- B. Briefly state the basis for the deviation.
- Total detention time for Phase II (6.50 MGD) will be 23 days followed by U.V. Disinfection. The 30 day detention time required by the regulations is for pathogen reduction, which in this case will be provided by disinfection.

Varying the water level, providing interconnecting piping, and bypass piping between subcells of Cells #3 and #4 will not be necessary. Cells #3 and #4 are considered individual cells with baffles.

Each subcell of lagoon Cells #3 and #4 can be dewatered separately in order to perform maintenance or to work on the diffusers. It is not necessary to completely dewater the entire cell to perform work on each subcell.

- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).

NA

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

- A. Facility will not allow a discharge to groundwater. Briefly describe:

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by lining of the lagoon cells.

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

NA

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

NA

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards (example: maintenance of manure pack at animal waste treatment facility). Briefly describe:

All lagoon cells will be lined.

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

NA

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

Permit #94-545

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

NA

- G. Briefly describe monitoring system (parameters, frequency, etc.). Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

The existing GW monitoring program in accordance with Part I, (B.) SELF-MONITORING REQUIREMENTS, paragraphs (2) and (3) of the NPDES Permit will be continued.

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Mark A. Escobedo, Program Principal, and completed on July 5, 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

MAE/nc 52968.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Jackson Wastewater Treatment Facility
Expansion and Modification

ENGINEER: Roger Jacobson
Engineering Associates
P.O. Box 1900
Cody, WY 82414

APPLICANT: Town of Jackson Wyoming
P.O. Box 1687
Jackson, WY 83001

WATER QUALITY REFERENCE NUMBER: 94-545

APPROVING ENGINEER: Gary Steele 

DATE OF REVIEW: February 3, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Chapter III Section 6(c) requires that all plans and specifications submitted carry the seal or signature of the designing engineer.
2. Chapter XI requires that an Engineering Design report be submitted with the permit application package. Although some design calculations were provided, additional information in a design report such as calculations for pumping facilities, volume and detention time calculations for each cell, operational information, and any information necessary for deviation justification would have been helpful.
3. The plans do not show a plan and profile for line 4, the plan and profile labeled for line 4 is line 4a.
4. Chapter XI Section 18(a) (vii) paragraph A requires that level control structures be provided for each lagoon cell. This paragraph also requires that the final cell outlet structure have multiple level draw offs. At a minimum, the design should include the ability to isolate each individual cell for maintenance and repairs.

PLANS & SPECIFICATIONS REVIEW
PERMIT #94-545
PAGE 2

5. Chapter XI Section 18(c)(iii) requires that a bypass for each cell be provided. As designed, an individual cell cannot be isolated and bypassed for maintenance.
6. Chapter XI Section 18(f)(ii) requires that provision for dewatering be made for removal or repair of diffusers. Current design will require dewatering of multiple cells instead of a single cell.
7. Chapter XI Section 11(d)(ii) does not allow a bypass of treatment units. Pipe 26 allows a discharge to habitat unit No. 3 prior to disinfection. Pipe 4a allows bypass of primary treatment. Pipe 4 bypasses the preliminary treatment building and pump station. The preliminary treatment building has redundancy in the treatment processes and pumps, so it is unknown why a bypass of this building is needed.
8. Water Quality rules and regulations require that the plan and profile be placed on the same sheet. Lines 1 through 4 have profiles without a plan view on the same sheet.
9. The plans do not show the piping from cell 3B1 to cell 3B2.
10. The air system calculations do not appear to address the static tube system in Primary Cell #2.
11. The specifications did not address the blowers or blower motors for the static tube aeration systems. The plans did not provide location and pipe sizes for the air transmission piping from the blowers to the lagoon cells.
12. Section 1.5E page 11212-2 of the specifications references fire pumps.

GLS/bb/50710.ltr

cc: Jeff Hermansky, DEQ, Lander

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-546
* **CONDITIONED** *

Decker No. 1 Septic Tank/Leach Bed
(Name of Facility)

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

Quentin or Kay Decker

406 Clark Street

Thermopolis, Wyoming 82443

to construct a septic tank/leach bed according to the procedures and conditions of the application No. 94-546. The facility is located in NE 1/4, Section 11, T42N, R95W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of 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.

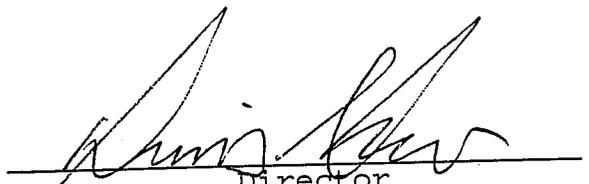
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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

1-4-95

Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.

Permit to Construct
94-546

Page 3

2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH/jm/mad 50003.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 94-546

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. YES

B. Chapter XII. NO

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.

YES

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.

NO

C. Permit based on deviation from applicable regulations in accordance with approved policy statement.

NO

IV. Facilities not specifically covered by regulations.

A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.

N/A

B. Briefly state the basis for the deviation.

N/A

C. Permit based on general or statewide deviation contained in approved policy statement.

N/A

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III. See footnote¹
- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.
- A. Facility will not allow a discharge to groundwater. Briefly describe:
UNKNOWN
- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:
UNKNOWN
- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:
UNKNOWN
- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:
Facility meets groundwater separation requirements.
- E. Discharge may result in groundwater concentrations in excess of standards but, post discharge water quality can be returned to standards in accordance with Section 4 (d) (vi), Chapter VIII. Briefly describe:
Upon abandonment of the disposal field, groundwater quality will return to background.
- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries,

¹ Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

Statement of Basis
94-546
December 30, 1994

places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NONE

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 94-547
SPECIAL CONDITIONS

Bowen Residential Septic System

This permit hereby authorizes the applicant:

Joe Bowen
Box 247
Wheatland, Wyoming 82201

to construct, install or modify a residential septic system with leach field according to the procedures and conditions of the application number 94-547. The facility is located in SE 1/4 Section 23 T24N R68W in the county of Platte, 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 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 Street, Cheyenne, Wyoming 82002; telephone (307) 777-7781.

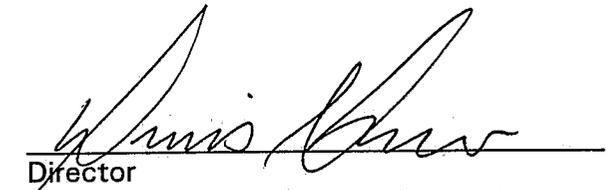
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.

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

12-13-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 5. The applicant will notify the appropriate district office of the Water Quality Division, Department of Environmental Quality, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 5. The applicant will provide immediate oral and/or written notice to Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 5. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and

PERMIT NO. 94-547

- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.

4 of 5. Septic Tank Clean-out Riser - Shall bring either a 6 inch clean-out pipe to the ground surface or extend the manway to the ground surface.

5 of 5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 94-547
- B. Facility Name: Bowen Residential Septic System
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. No
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
NOT Applicable
- B. Briefly state the basis for the deviation.
NOT Applicable
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
NOT Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter 103. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 15. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NOT Applicable

VI. Deleted

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

RLE/mad 45714.LTR



THE STATE OF WYOMING



JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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July 17, 1995

CERTIFIED

Mr. Joe Bowen
Box 247
Wheatland, Wyoming 82201

RE: 2nd NOTICE - LETTER OF VIOLATION (LOV) for Noncompliance with Permit Conditions, Failure to Respond to previous letters, and Failure to Respond to the first LOV, for facility BOWEN RESIDENTIAL SEPTIC SYSTEM, Permit Number 94-547.

Dear Mr. Bowen:

According to our records you are in noncompliance with your permit condition to submit a Certification of Completion form within 60 days of completion of construction. Additionally, our records indicate that you have also failed to respond to two previous letters from the Water Quality Division (WQD) requesting this information, including the first LOV sent to you dated May 8, 1995.

To avoid the need for increased enforcement action, please submit the required information immediately. A new blank Certification of Completion form is included with this letter for your convenience. These permit requirements must be addressed. Continued failure to do so may lead to enforcement actions which could include, but not be limited to, monetary penalties.

This office wishes to avoid the need for such enforcement actions, but to do so requires your cooperation. If you have any questions, please call me at (307) 777-7088.

Sincerely,

Gary Steele
SE District Supervisor
Water Quality Division

GS/b/53087.ltr

Enclosure: Certification of Completion form.

cc: Permit Compliance Tracking File
Enforcement Tracking File

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-548
*** CONDITIONED ***

Evanston, Union Center Groundwater Contamination
(Name of Facility)

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

City of Evanston
1200 Main Street
Evanston, WY 82930

to construct groundwater monitor wells according to the procedures and conditions of the application No. 94-548. The facility is located in SW 1/4 Section 17, T15N, R120W, Evanston 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.

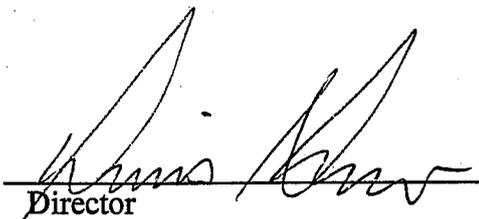
The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State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

12-30-94
Date of Issuance

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

STANDARD AND SPECIFIC CONDITIONS 1 through 19

- 1 of 19 The applicant will notify the appropriate District office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
- 2 of 19 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

- 3 of 19 Within sixty (60) days of completion of construction of the authorized facility(ies), the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
1. Date that construction of the facility(ies) was completed; and
 2. Date that the facility(ies) was placed in operation; and
 3. Certification that the facility(ies) was constructed in accordance with the terms and conditions of the permit; or
 4. Certification that the facility(ies) was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 19 A sufficient number of soil borings and monitoring wells shall be constructed to fully define both the horizontal and vertical extent of contamination, to include impacted soils, aquifer materials, and groundwater.
- 5 of 19 Work shall be performed under this permit within the following schedule:
- a. Work shall begin within forty-five (45) days of permit issuance;
 - b. Assessment work shall be completed within ninety (90) days of initiation;
 - c. **A Report of Investigation (ROI)** shall be submitted to the WDEQ/WQD Lander office within sixty (60) days of completion of the SSI work. The ROI shall include the information specified in WDEQ/WQD's "Minimum Content Requirements for a Subsurface Investigation (SSI) Report of Investigation (ROI)".
- 6 of 19 The groundwater monitoring wells/piezometers shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 94-548. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

- 7 of 19 Monitoring well/piezometer construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Monitoring well/piezometer casings shall meet the conditions provided in Chapter XI, Section 67. All monitoring wells/piezometers must be constructed from materials free of material having the potential to contaminate groundwater samples.
- 8 of 19 All downhole equipment shall be de-contaminated between wells (borings) to minimize the potential for cross-contamination.
- 9 of 19 Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 10 of 19 Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells/piezometers prevented by physical limitations to adherence to the requirements on minimum depths of seal below the ground surface as detailed in Chapter XI, Part G. However, a sufficient seal shall be installed according to normal engineering practice.
- 11 of 19 After the monitoring wells/piezometers 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with City and/or Highway Department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
- 12 of 19 Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells/piezometers shall be reported immediately to the Division. The wells shall be clearly numbered using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.
- 13 of 19 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
- 14 of 19 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of wells/piezometers shall be installed to define the nature and extent of the contamination.
- 15 of 19 DEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of monitor wells/piezometers and sample collection so that DEQ/WQD personnel may be on site if deemed necessary.

16 of 19 Proper monitoring well/piezometer evacuation shall include removal of a minimum of three (3) casing volumes prior to sampling or pumping the well/piezometer dry once, whichever occurs first. Sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD and EPA standard procedures.

17 of 19 All monitor wells/piezometers associated with this facility shall be sampled and the groundwater analyzed for the following parameters:

- TPH-DRO (EPA Method 8015 modified)
- TDS
- pH
- Naphthalene
- Metals (Use EPA methodology for dissolved metals with a detection limit below the EPA MCL.)

The results of these analyses shall be submitted to the **Lander** office.

18 of 19 Water which is collected during monitoring well/piezometer development or sampling must be disposed of properly. The Applicant must contact the City for authorization to dispose into the local storm sewer, sanitary sewer, wastewater treatment plant, or other facility.

19 of 19 The results of any analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.

PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-549
*** CONDITIONED ***

Smith On-Site Wastewater Disposal System
(Name of Facility)

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

Metz and Thelma Smith

Shell Route, Box 10

Greybull, WY 82426

to construct a septic tank/leach field according to the procedures and conditions of the application No. 94-549. The facility is located in Section 4, T52N, R93W in the County of Big Horn, 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.

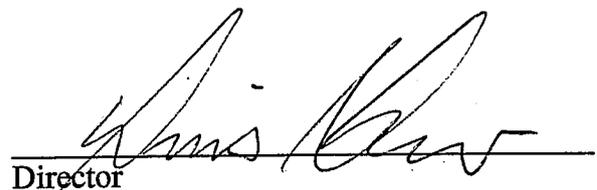
Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to any applicable State law or regulation.

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
Department of Environmental Quality

12-22-94

Date of Issuance

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

STANDARD CONDITIONS 1 through 4

1. of 4 The applicant will notify the appropriate district office of the Department of Environmental Quality, Water Quality Division, by the attached post card of the date construction will begin and the estimated completion date.
2. of 4 The applicant will provide immediate oral and/or written notice to Water Quality Division, 250 Lincoln, Lander, WY 82520, (307) 332-3144, in

Permit to Construct #94-549
Smith On-Site Wastewater Disposal System

accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3. of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 250 Lincoln, Lander, WY 82520, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
4. of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

JH/jyi/nc 45823.LTR

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-549
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. YES
 - B. Chapter XII. NO
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
YES
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
NO
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
 - B. Briefly state the basis for the deviation.
N/A
 - C. Permit based on general or statewide deviation contained in approved policy statement.
N/A

Statement of Basis
94-549

- V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

APPLICABLE

- VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

- A. Facility will not allow a discharge to groundwater. Briefly describe:

UNKNOWN

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

UNKNOWN

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

UNKNOWN

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

Facility meets groundwater separation requirements

- E. Discharge may result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

Upon abandonment of the disposal field, groundwater quality will return to background.

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

The disposal field meets the site separation distance requirements which are intended to protect aquifer users from impact.

Statement of Basis
94-549

- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NONE

VII. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

JH/jyi/nc 45823.LTR



THE STATE OF WYOMING



MIKE SULLIVAN
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 634-0799	AIR QUALITY (307) 777-7391 FAX 777-7682	INDUSTRIAL SITING (307) 777-7368 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 634-0799	SOLID & HAZARDOUS WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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December 20, 1994

Mr. Peter A Gowan
Richardson Operating Company
1700 Lincoln, Suite 1700
Denver, CO 80203

RE: As-Built Permit To Construct, WQD Reference Number 94-550

Dear Mr. Gowan:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your consultant, Western Environmental Technologies, Inc. Our review indicates that the application appears to meet DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the monitoring wells which have already been constructed.

Please be advised that the system must be constructed, installed and operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to an action of the DEQ/WQD and desiring affirmative relief may request a hearing before the Environmental Quality Council in accordance with the procedures in the enclosed Rules of Practice and Procedure and the Wyoming Administrative Procedures Act.

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/GLS/nc 45836.LTR

Enclosure

AS - BUILT
PERMIT TO CONSTRUCT

- New
 Renewal
 Modified

Permit No. 94-550
* **CONDITIONED** *

Federal 13-21, Oil Well Location
(Name of Facility)

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

Richardson Operating Company

1700 Lincoln, Suite 1700

Denver, CO 80203

to have constructed a series of soil borings according to the procedures and conditions of the application No. 94-550. The facility is located in NW 1/4 SW 1/4 Section 21, T37N, R63W in the County of Niobrara, in the State of Wyoming.

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, 122 W 25th Street, Herschler Bldg., 4 West, Cheyenne, WY 82002; telephone, 777-7781.

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

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

AUTHORIZED BY:



Administrator
Water Quality Division



Director
Department of Environmental Quality

12-22-94

Date of Issuance

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

SPECIAL CONDITIONS

- 1 of 11 The applicant will provide immediate oral and/or written notice to Water Quality Division, 122 W 25th Street, Herschler Bldg., 4 West, Cheyenne, WY 82002, (307) 777-7781, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

Permit to Construct #94-550

- 2 of 11 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Water Quality Division, 122 W 25th Street, Herschler Bldg., 4 West, Cheyenne, WY 82002, on the form provided (CERTIFICATION OF COMPLETION), the following information.
- a. Date that construction of the bore holes was completed; and
 - b. Certification the bore holes were constructed in accordance with the terms and conditions of the permit; or
 - c. Certification the bore holes were completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 3 of 11 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 4 of 11 Additional bore holes meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).
- 5 of 11 Bore hole construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations.
- 6 of 11 Borehole cuttings must be screened and disposed of properly. Contaminated cuttings must be disposed of at a site approved by the DEQ's Solid and Hazardous Waste Management Division.
- 7 of 11 After the bore 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. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with city and/or highway department requirements.
- 8 of 11 The applicant is responsible for obtaining any permits required by the State Engineer's Office (777-7354).
- 9 of 11 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of bore holes shall be installed to define the nature and extent of the contamination.

Permit to Construct #94-550

- 10 of 11 Soil which is collected during sampling must be disposed of properly. The applicant must contact the city for authorization to dispose into the local solid waste, or other facility.
- 11 of 11 The results of any analyses conducted on soil removed from these boreholes shall be provided to the department as soon as they are available.

GLS/nc 45836.LTR

STATEMENT OF BASIS

- I. General information.
 - A. Permit Number: 94-550
- II. Application reviewed for compliance with the following regulations.
 - A. Chapter XI. YES
 - B. Chapter XII. NO
- III. Basis for issuing permit.
 - A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
YES
 - B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
NO
 - C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
NO
- IV. Facilities not specifically covered by regulations.
 - A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
 - B. Briefly state the basis for the deviation.
N/A
 - C. Permit based on general or statewide deviation contained in approved policy statement.
N/A

Statement of Basis
94-550

- D. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.

N/A

- V. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwater will be protected.

- A. Facility will not allow a discharge to groundwater. Briefly describe:

N/A

- B. Quality of wastewater is such that it will not cause a violation of groundwater standards. Briefly describe:

N/A

- C. Existing soils or geology will not allow a discharge to groundwater. Briefly describe:

N/A

- D. Basis of facility design is that it will be operated so as not to violate groundwater standards. Briefly describe:

N/A

- E. Discharge may result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter VIII. Briefly describe:

N/A

- F. If water quality exceedances are allowed, briefly describe the parameter limits, property boundaries, places of withdrawal and any other information documenting that any users of affected aquifer will not be impacted.

N/A

Statement of Basis

94-550

- G. Briefly describe monitoring system. Clearly state the parameters to be utilized for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

N/A

VI. Documentation of Statement of Basis.

- A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

GLS/nc 45836.LTR

