THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

January 23, 1995

Harry LaBonde, Jr.
City of Riverton
P. O. Box 1700
Riverton, WY 82501

RE: As-Built Permit to Construct, WQD Reference Number 95-001

Dear Mr. LaBonde:

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 and the enclosed As-Built Permit To Construct is hereby issued.

Please be advised that the system must have been constructed 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:JH:jm:b:50405.ltr
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 95-001

Sanitary Sewer Replacement
In Alley to W. Washington

This permit hereby authorizes the applicant:

City of Riverton

P. O. Box 1700

Riverton, WY 82501

to have constructed an eight inch PVC sewer to replace a four inch sewer according to the procedures and conditions of the application No. 95-001. The facility is located in Sec.34, T1N, R4E, Wind River Meridian in the County of Fremont, 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 or 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.

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

1-26-95
Date of Issuance

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

JH/bb/50406.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-001

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. 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/bb/50406.ltr

PERMIT TO CONSTRUCT

X New
_ Renewal
_ Modified

PERMIT NO. 95-002R
SPECIAL CONDITIONS

Sage Creek Service Area

This permit hereby authorizes the applicant:

Northwest Rural Water District
P. O. Box 2347
Cody, WY 82414

to construct a water delivery system including mains, booster pump station, and storage tanks according to the procedures and conditions of the application number 95-002R. The facility is located in numerous sections in T53 and 54N, R101W 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 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 representative in your area can be contacted at the following address: Jeff Hermansky, 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 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 ...asion 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 4 The applicant will notify the Lander 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 Lander 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 Lander 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".

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-20-95
Date of Issuance

JH/jm
b/53102.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-002R

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.)

N/A

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

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 Jeff Hermansky, Northwest District Engineer, and completed on July 17, 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."

JH/b/53102.ltr

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 95-003
* CONDITIONED *

Hillcrest Addition
(Name of Facility)

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

Keith Van Deer

2356 Cedar Lane

Cody, WY 82414

to construct a 8" water and sewer mains according to the procedures and conditions of the application No. 95-003. The facility is located in SW¼ NW¼ SW¼, T53N, R101W 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

1-26-95
Date of Issuance

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

JH/jyi
b/50409.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: 95-003

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
95-003
January 25, 1995

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III.
NOT

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.

JH/bb/50409.ltr

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-004R
*** CONDITIONED ***

Beck Lake Park
(Name of Facility)

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

Thomas C. Bullock

496 RD 2AB

Cody, WY 82414

to construct water and sewer mains for RV Park according to the procedures and conditions of the application No. 95-004R. The facility is located in SE 1/4 NE 1/4 Lot 62, 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

2/22/95
Date of Issuance

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

JH/jm - 50874.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: 95-004R

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.

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-005
SPECIAL CONDITIONS

Devil's Tower Sawmill Evaporation Pond

This permit hereby authorizes the applicant:

Neiman Sawmills, Inc.
P.O. Box 218
Hulett, WY 82720
Attention: Mr. James D. Neiman

to construct, install or modify an evaporation pond according to the procedures and conditions of the application number 95-005. The facility is located in the SE/4 of Section 12 Township 54 North Range 65 West in the county of Crook, 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 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 representative in your area can be contacted at the following address: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457; FAX (307) 674-6050.

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 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 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

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".

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7/14/95
Date of Issuance

DRM/pr:mad 53011.LTR

xc: Roger Hall, TSP, 600 Kansas St., Rapid City, SD, 57701-2712
NE District Neiman Sawmill File

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-005

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.

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.

Section 30 (d) (iv) of Part C Chapter XI of the WWQRR requires a minimum top berm width of eight feet for maintenance vehicle access and structural stability.

B. Briefly state the basis for the deviation.

The south berm top width proposed is three feet. The remaining three berm top widths are eight feet as required and allow adequate access to the small pond by maintenance vehicles for pond maintenance. Structural stability at the south berm is not considered a concern at this site as the basin is being excavated instead of the berms being constructed. There will be some excavated soil placed at the south berm above the proposed high water level in the basin. This soil will be compacted and sloped to merge with the existing grade. Extension of the south berm top width beyond three feet may result in an unstable surface for vehicular traffic.

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 (N/A)

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III[1]. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Yes

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 small pond (35' x 92') will be accepting approximately 100 gallons of sawmill kiln wastewater each day for evaporation. Construction will consist of basin excavation and installation of two liners, the lower liner being bentonite and the upper liner a 30-mil UV-stabilized PVC geo-membrane, with a sand interval between the liners for leak detection monitoring.

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.

---

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

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.

Interstitial monitoring for leak detection is proposed for the facility. Sawmill personnel will periodically check a 4-inch PVC pipe located at the lowest point of the pond in the sand layer for the presence of water. A leak or failed synthetic liner will require prompt repair. Please note the applicant has indicated in the permit application that the man-made liner will be inspected on a regular basis and repaired if necessary.

The possibility of groundwater impact in the event the top liner leaks is considered remote with the permeability of the clay liner between 5x10-7 and 5x10-8 cm/s. The quality of the kiln wastewater is neutral for pH and relatively low in concentration of chlorides, sulfates, and TDS. However, a groundwater violation may occur if the synthetic liner is breached and not repaired in a timely manner as the bentonite liner will eventually allow infiltration of the kiln wastewater.

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 Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on July 12, 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."

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-006
*** CONDITIONED ***

Hunter Park Subdivision
(Name of Facility)

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

Bill or Cinthia Brumley (Troy Stafford, Agent)

1612 Gannett Drive

Riverton, WY 82501

to construct a 6" PVC waterline with appurtenances and 260 L.F. of 8 inch PVC Sewer according to the procedures and conditions of the application No. 95-006. The facility is located in SW 1/4 Sec. 28, T1N, R4E, Wind River Meridian in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

2/22/95
Date of Issuance

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

JH/jm
b/50804.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: 95-006

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.

JH/b/50804.ltr

PERMIT TO CONSTRUCT

X New

Renewal

Modified

PERMIT NO. 95-007
Reference 79-358, & 87-421
SPECIAL CONDITIONS

Mountain Home Resort

This permit hereby authorizes the applicant:

Mountain Home Resort Partnership
Attn. Emory Spiegelberg
408 South 5th Street
Laramie, Wyoming 82070

to construct, install or modify a multi-unit domestic septic system and leach field according to the procedures and conditions of the application number 95-007, Reference 79-358, & 87-421. The facility is located in SE 1/4 Section 17, T12N, R78W 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

1-31-95
Date of Issuance

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

SPECIAL CONDITIONS

1 of 8. 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 8. 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 8. 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

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 8. **A Variance** from the 150 gallons per day per bedroom design flow to 75 gallons per day per bedroom **is granted** based on the stated use as recreational cabins (not permanent residences), the extensive use of low flow fixtures to minimize wastewater flows, and the additional leach field capacity provided by the continuing use of the existing leachfield in conjunction with the new leach field.

5 of 8. A manway access shall be provided to each compartment of each Vaughn septic tank as described in the engineering design report (paragraph 4, page 6).

6 of 8. As-Built plans consisting of final plan and profile drawings of the sewer pipe runs, along with any other pertinent information shall be provided to this office within 60 days (or sooner if possible) of completion of this project for review and approval.

7 of 8. Inspections - The applicant shall contact Stephanie Whitman, the Environmental Health Director for the City of Laramie/Albany County (phone # 721-5283), to arrange for inspections as required. All components of the system shall be inspected and approved before final cover.

8 of 8. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

RLE/bb/50413.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-007

B. Facility Name: Mountain Home Resort

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.

Yes - Policy 13.5.1

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.

Applicable - Chapter XI, Part D, Section 34, Design Flows.

B. Briefly state the basis for the deviation.

A lower design flow is allowed because of the non-permanent recreational type use of the facility, the extensive use of low flow fixtures, and the additional leach field capacity provided by continuing use of the existing leach field in conjunction with the new leach field.

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 11. 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/50413.ltr
cc: Stephanie Whitman, Albany County Env. Health Director

PERMIT TO CONSTRUCT

[ ] New
[X] Renewal
[ ] Modified

PERMIT NO. 95-008
SEE PERMIT CONDITIONS
Reference Permit No. 94-229

BEAR LODGE SEPTIC SYSTEM IMPROVEMENTS

This permit hereby authorizes the applicant:

Bear Lodge
P.O. Box 159
Burgess Junction, WY 82836

to construct, install or modify gravity/pressure lines, replacement leachfield, and monitor wells according to the procedures and conditions of application number 94-229 and 95-008. The facility is located in the SW/4 of Section 1 and the SE/4 Section 2 in Township 55 North Range 89 West in the County of Sheridan, in the State of Wyoming. This permit shall be effective for a period of six (6) months from the date of issuance of this permit.

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

1-13-95
Date of Issuance

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

PERMIT CONDITIONS

1 of 14 The permittee will notify the Sheridan 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 14 The permittee will provide immediate oral and/or written notice to the Sheridan District Office in accordance with the provisions of Section 9 of Chapter III of the Wyoming Water Quality Rules and Regulations (WWQRR) of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 14 Within sixty days of completion of construction of the authorized facility, the permittee will submit to the 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, certified by an engineer if appropriate.

4 of 14 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 14 The three monitor wells shall be completed to the impervious barrier located at plus or minus 23 feet below the ground surface (BGS), not to a depth of 15 feet BGS feet as depicted on the monitor well construction schematic submitted in the Baccari & Associates August 12, 1994 correspondence. The monitor wells shall be constructed and developed prior to operation of the septic system.

6 of 14 The three proposed monitor wells shall be designated MW#1, MW#2, and MW#3 with MW#1 being the most upgradient monitor well and MW#3 the most downgradient monitor well. Reference the approved permit application package plan drawing. MW#3 shall be the point of compliance.

7 of 14 The applicant is responsible for obtaining any monitor well permits required by the State Engineer's Office (777-7354).

8 of 14 Within 30 days of the monitor well installation, the permittee shall submit the final locations, construction details, static water levels, and logs of all monitor wells to the Sheridan District Office.

9 of 14 Within 30 days of the end of each calendar quarter, a report shall be filed with the Cheyenne Office, Wyoming DEQ/WQD, 122 West 25th Street, Cheyenne, Wyoming, 82002, ATTN: UIC Program Supervisor. This report shall include:

a. The dates when readings were taken showing the presence or absence of water in each monitor well;

b. The static water level for all wells which contained water for any date measured; and

c. The results of all chemical analyses conducted for the quarter. The permittee should take samples a minimum of 4 weeks before the end of each calendar quarter to insure sufficient turnaround time at the laboratory.

10 of 14 Environmental Monitoring Program for Groundwaters of the State

a. Samples 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 or 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 Section 7 of Chapter VIII of the WWQRR.

e. Monitor wells MW#1, MW#2, and MW#3 shall be measured quarterly for static water level.

f. Monitor wells MW#1, MW#2, and MW#3 shall be sampled and the groundwater analyzed on the following schedule for the following listed parameters:

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
MW#1, MW#2, MW#3	Quarterly	EPA 200 series methods	Cadmium	.010
			Chromium	.050
			Lead	.050
		EPA Method 350.3	Ammonia as N	.500
		EPA Method 353.2	Nitrate as N	10.0

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

g. The above Upper Control Limit (UCL) is not to be exceeded in any sample. In the event that any one sample exceeds this value a

confirmation sample shall be taken within 7 days of the permittee becoming aware of this fact. In the event that the confirmation sample also exceeds this value, this is a violation of this permit and shall require corrective action.

h. The permittee shall also monitor the domestic use well on this location quarterly for Nitrate as N, and Fecal Coliform Bacteria on a quarterly basis. In the event that a septic tank sample shows any parameter in excess of the Class I standard, then the permittee shall add that parameter to the monitoring list for the domestic well for two quarters.

i. After the first four monitoring events, the DEQ/WQD may substitute a shorter list for the above parameters, depending on the results reported. The DEQ/WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring; and

j. The results of these analyses shall be submitted to the Cheyenne Office by the last day of the month following the end of each quarter.

k. 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 DEQ/WQD and EPA standard procedures.

The permittee shall monitor the quality of the injected fluid (effluent at the last lift station or septic tank before discharge to the drainfield) on an approved schedule. The following parameters shall be analyzed by the listed methods and reported quarterly:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED
Quarterly	EPA Method 420.1	Total Phenolic Hydrocarbons
	EPA 200 series methods	Cadmium
		Chromium
		Lead
	EPA Method 350.3	Ammonia as N
Annually	EPA Method 624	Purgeable Aromatic and Halogenated Hydrocarbons

a. After the first four monitoring events, the DEQ/WQD may substitute a shorter list for the above parameters, depending on the results reported. DEQ/WQD may substitute less expensive methods for the above listed methods depending on the results of the first monitoring; and

b. If any sampling event shows that any of the above parameters have been detected at levels higher than the Class I groundwater standard, the permittee shall add those parameters to the list of monitor well parameters for two quarters.

c. The results of these analyses shall be submitted to the Cheyenne Office by the last day of the month following the end of each quarter.

12 of 14 Except when prevented by snow or winter weather, the permittee shall cause the area around the leachfield to be inspected monthly for one year after beginning operations. The inspection shall note any change in the location or amounts of water surfacing. Any seeps found which have changed from their baseline conditions shall be sampled for the parameters required by condition 10 of 14 of this permit and Biochemical Oxygen Demand, Total Suspended Solids, and Fecal Coliform Bacteria.

13 of 14 After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Section 70 of Part G of Chapter XI of the WWQRR. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with DEQ/WQD.

14 of 14 The existing failed leachfield shall be disconnected from the septic tank and capped once the modified septic system is in operation. In the event the permittee desires to utilize it in the future a permit to modify the facility will be required.

DRM/nc 50148.LTR
Enclosures: Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-008

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.

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.

1. Sewage and sludge piping shall be no smaller than four inches in diameter. Section 10 (d) (ii) of Part B of Chapter XI of the Wyoming Water Quality Rules and Regulations (WWQRR).

2. Every pumping station shall have not less than two pumping units. Section 10 (f) (i) of Part B of Chapter XI of the WWQRR.

B. Briefly state the basis for the deviation.

According to Section 40 (c) of Part D of Chapter XI of the WWQRR, dosing systems that exceed 2000 gallons per day shall have a pumping system in compliance with the standards of Part B of Chapter XI of the WWQRR.

1. A two inch diameter force main is proposed for the system. The design velocity and pressure are in compliance with the regulations. This deviation will reduce initial equipment outlay and lower operating costs for the permittee.

2. The DEQ/WQD will allow the installation of one pump for this system only if a fully operational backup pump is kept available on the Bear Lodge property. This deviation is allowed because of the additional storage available, the design of a quick-release pipe connection for removal and installation of the pump above the water level, and the presence of a visible pump alarm. However, an increase in flow and/or system modifications may require the installation of a second pump.

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).

There are no existing approved district policies on the above deviations.

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

Yes.

VI. If Section 15 of Chapter III of the WWQRR 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) of Chapter VIII of the WWQRR. Briefly describe:

Discharge may result in groundwater concentrations in excess of groundwater standards, but post discharge water quality can be returned to standards.

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 Bear Lodge has a water supply well (WSW) completed in fractured granite at approximately 200 feet below the ground surface (BGS) and about 2000 feet northeast of the septic system leachfield. The WSW is also upgradient of the leachfield. There are no other identified users within a mile of the leachfield. The area property is Forest Service.

The groundwater that the septic system leachfield will discharge to is located above an apparent impervious barrier at plus or minus 23 feet BGS. The potential for the two waters to be in communication exists. As a result, both the shallow groundwater and the WSW will be monitored, as well as the septic tank effluent. Class I standards will apply for compliance.

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 construction permit provides for three groundwater monitor wells, one upgradient (MW#1) and two downgradient (MW#2 and MW#3). The most downgradient well, MW#3, will be the point of compliance for the leachfield. The location of MW#3 was chosen by the applicant.

The monitor wells shall be sampled quarterly for cadmium, chromium, lead, ammonia as nitrogen, and nitrate as nitrogen. The WSW shall be sampled at a minimum for nitrates as nitrogen and fecal coliform bacteria on a quarterly basis. The septic tank effluent will be tested quarterly for total phenolic hydrocarbons, cadmium, chromium, lead, and ammonia as nitrogen. The septic tank effluent will be annually monitored for purgeable aromatic and halogenated hydrocarbons. Should the septic tank effluent exceed any other Class I parameter limit, the WSW monitoring list will include that parameter(s) for the next two quarters.

The Class I groundwater shall not be degraded so as to make it unusable as a source of water for this purpose. Any parameters which exceed the class of use standard at baseline shall not be degraded above ambient levels.

In the event that the leachfield covered by this permit should fail to perform as designed, or in the event that permitted groundwater quality upper control limits contained in this permit are exceeded, the permittee shall take the following action:

1. Within 60 days of being notified by certified letter by the DEQ/WQD Administrator that the leachfield disposal system has failed under this provision, the permittee shall submit a set of approvable plans and specifications for the construction of a modified system which can operate in compliance.

2. Within six months of receiving an approved permit to construct, construct the system required.

3. Within 30 days of beginning operation of any such alternative system, remove all lift stations, and surface facilities associated with the operation of the leachfield and not necessary for the operation of the alternative system.

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 of Chapter III of the WWQRR.

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-009R
*** CONDITIONED ***

Lane 5, Water and Sewer Extension
(Name of Facility)

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

L.L.L. Corporation

P.O. Box 569

Thermopolis, WY 82443

to construct an eight-inch water main and six-inch sewer according to the procedures and conditions of the application No. 95-009R.. The facility is located in Section 2, T42N, R95W in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) 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

4-28-95
Date of Issuance

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

JH:fi
b/51818.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: 95-009R

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

Statement of Basis
95-009R
April 26, 1995

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 Jeff Hermansky, Northwest District Supervisor, and completed on April 26, 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."

JH/b/51818.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-010
SPECIAL CONDITIONS

Cheyenne Evangelical Free Church Septic System

This permit hereby authorizes the applicant:

Cheyenne Evangelical Free Church
1826 E. 17th Street
Cheyenne, WY 82001

to construct a commercial septic system according to the procedures and conditions of the application number 95-010. The facility is located in NW 1/4, Section 15, 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

2-7-95
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 The permittee shall notify the Laramie County Environmental Health Division at least (2) days prior to installation of this system to arrange for required inspections. Inspection of the installed system is required prior to backfilling. Laramie County Environmental Health charges a fee for these inspection services. Their offices are located at 100 Central Ave, Cheyenne, Wyoming 82007; or they can be reached by phone at (307) 633-4090.

GLS/bb/50595.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-010

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.)

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/bb/50595.ltr

RF

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **A New Facility for the Cheyenne Evangelical Free Church**

ENGINEER: **Douglas Jobe, P.E.**
Empire Labs, Inc
P.O. Box 5659
Suite K-11, Cheyenne, WY 82003

APPLICANT: **Cheyenne Evangelical Free Church**
1826 East 17th Street
Cheyenne, WY 82001

WATER QUALITY REFERENCE NUMBER: 95-010

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: January 12, 1994

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 4 Chapter XI of the Water Quality Rules and Regulations require that the septic tank have a minimum capacity to contain 36 hours of peak flow. Based upon the flow information provided the septic tank needs to have a capacity of 2,700 gallons. If two septic tanks are used to obtain this capacity then the first septic tank must have the capacity to hold 50% of the required volume.

2 of 4 The specifications for the septic tank needs to either designate a tank provided by a preapproved supplier or the plans need to include the septic tank design for review.

3 of 4 The site plan provided for the septic system design needs to include a location for the well and dimensions from the septic system to the well. The site plan also needs to include distances to the property line and the distances to any waterways that may cross the site. The site plan also needs to include the location of a leach field replacement area.

4 of 4 Water Quality Rules and Regulations require that the bottom of the leach field be 4 feet above groundwater and or bedrock. Please provide information demonstrating that the groundwater and bedrock separation meets the Regulations.

Three sets of building plans and specifications were provided with the septic system design. The building plans and specifications do not appear to reference the wastewater system. If you would like these plans and specifications returned please let me know. Please address the items given above and submit 3 correct plans for the septic system.

GLS/bb/50185.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-011
SPECIAL CONDITIONS

Hydrocarbon Recovery/Treatment System - Texaco Casper Refinery

This permit hereby authorizes the applicant:

Texaco Refining and Marketing Inc.
10 Universal City Plaza
Universal City, CA 91608

to construct, install or modify hydrocarbon recovery/treatment system according to the procedures and conditions of the application number 95-011. The facility is located in T33N, R79W, Section 1 in the county of Natrona County, 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 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 representative in your area can be contacted at the following address: GPC Program, 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.

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 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 11 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 11 The applicant will provide immediate oral and/or written notice to Water Quality Division, Cheyenne, (307) 777-5449, 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 11 The issuance of this Permit is contingent upon acceptance and successful permitting of this facility by the Air Quality Division (AQD) and when required, the NPDES Program. WDEQ is in receipt of WDEQ/AQD's February 14, 1995 letter that requests the air stripper stack to be tested within 14 days of start-up. WDEQ/AQD shall also be notified of any modifications to the system that may increase air emissions. Texaco shall copy the WDEQ/SHWD - Cheyenne on any correspondence to the WDEQ/AQD.

4. of 11 Within (60) days after the first three months of operation of the treatment system, a interim status report shall be submitted to WDEQ/SHWD. The report shall contain preliminary results from sampling of the effluent, and the information requested in WDEQ's March 15, 1995 review that can be deferred until after system start-up. Progress reports shall be submitted on a monthly basis to coincide with monthly reporting required by the EPA 7003 Order for the trench effluent reporting. Progress reports shall contain the items described in the Equipment Performance Monitoring Plan, p. 10. As described in the plan, Texaco shall document and report where the effluent from interceptor trenches (Trenches No. 1, 2, 3 and 4) is being treated (i.e, treatment train #1 or #2) and the volumes of sludges and/or free product removed from the oil-water separators. The sludges shall be sampled and characterized to identify any hazardous characteristics that may be present.

5. of 11 Texaco shall adhere to the sampling and analysis plan proposed in the Equipment Performance Monitoring Plan with the following additions:

   a. The influent to the air stripper shall be monitored for the same parameters as the effluent to measure the precipitation/corrosion and biofouling that is occurring (i.e., iron, manganese, calcium, magnesium, hardness, DO, and additionally for alkalinity and bicarbonates at both locations). WDEQ/SHWD shall be notified in the monthly progress report if free product (i.e., oil and grease) is detected in the influent to the air stripper and modifications shall be made to eliminate the inflow of free product.

   b. The sampling at effluent from the oil/water separator in Train #2 (Port SP-8) shall include analysis for BTEX;

   c. WDEQ/SHWD shall be notified prior to any changes in the sampling (i.e., analytical parameters or frequency) that varies from the proposed Equipment Performance Monitoring Plan. The reduction of sampling from weekly to monthly in the first month of operation shall be approved by WDEQ/SHWD.

6. of 11 Within (60) days after one year of operation of the treatment system, Texaco shall submit an annual report to WDEQ/SHWD summarizing and documenting all performance monitoring data and describing plans and schedules for future operation of the treatment system. The report shall include an evaluation of the treatment system's performance in meeting its original objectives and the items described in the Equipment Performance Monitoring Plan, p. 11.

7. of 11 Prior to, or after two (2) years of operation of the Hydrocarbon Recovery System Long Term Pilot System, the annual report shall include a formal proposal of the future of the system (i.e., propose a new full-scale hydrocarbon treatment system, modifications to existing system, etc.).

8. of 11 **Prior** to start-up of the system, Texaco shall submit a draft of the Operation & Maintenance (O&M) Manual to WDEQ for approval. In addition to the items requested in the previous WDEQ review, the draft O&M Manual shall include a plan to document and report any problems or downtime of the treatment system. This plan shall include documenting and reporting when tank 219 is utilized for emergency storage or when the cooling tower basin is bypassed.

9. of 11 The final O&M Manual shall be submitted within (60) days after start-up of the Treatment System. The O&M Manual shall contain the final version of the above items and the following additional items:

a. a description of any modifications and fine-tuning which was required to enhance the operation of the treatment system; and

b. final 'as-built' drawings of plans and specifications of any modifications to the original plans.

10. of 11 WDEQ requests that the following additional information from WDEQ's March 15, 1995 review be provided **prior** to system start-up: site specific information (*Section 2*); and documented inspections of the Cooling Tower Basin and a plan to continue to monitor the integrity of the basin (*Section 6*).

11. of 11 The hydrocarbon treatment system shall be operated continuously, except during routine maintenance. Within 15 days, WDEQ/SHWD shall be notified of the following occurrences:

a. if the system is turned off for more than 24 hours for reasons other than for routine maintenance; and

b. in the event that the contents from tank 154 is discharged to the Service Water Return Ditch.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

6-7-95
Date of Issuance

PBS/jn - 52292.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-012
SPECIAL CONDITIONS

Cheyenne Business Parkway Echostar Broadcast Center

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne, WY 82003

to construct an extension to the public distribution system and a private wastewater collection line according to the procedures and conditions of the application number 95-012. The facility is located in SE 1/4 SE 1/4 Section 35, 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

1-27-95
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 project shall at a minimum meet the requirements of the Wyoming Public Works Standard Specifications for materials, trench excavation & backfill, pipe installation and acceptance testing. The standard specification shall be used for both water lines and sewer lines.

6 of 6 In accordance with Chapter XII the 6 inch fire protection line shall have a cross-connection control device on the line. The cross-connection control device shall meet the requirements of AWWA Manual M-14 and shall be approved by the Foundation for Cross-Connection Control, University of Southern California. The information on the cross-connection control device shall be submitted and approved by this office prior to placing the fire service line in operation.

GLS/bb/50388.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-012

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.

GLS/bb/50388.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-013
SPECIAL CONDITIONS

Town of Upton Water Supply Well No. 7

This permit hereby authorizes the applicant:

Town of Upton
P.O. Box 203
Upton, Wyoming 82730

to construct, install or modify a water supply well according to the procedures and conditions of the application number 95-013. The facility is located in the NW/4 of the SW/4 Section 25, Township 48 North, Range 65 West in the county of Weston, 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

1-26-95
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

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:01/24/95 /nc 50404.LTR
Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-013

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.

Wyoming Water Quality Rules and Regulations Chapter XII Section 9(b)(iii)(C) parts(I) 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 (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/WQD 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/WQD 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.

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, public water supply.

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.

BDM/pr:01/24/95 /nc 50404.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-014
SPECIAL CONDITIONS

University Park Phase II

This permit hereby authorizes the applicant:

City of Casper
200 North David
Casper, Wyoming 82601

to construct, install or modify a sanitary sewer collection system and water distribution system according to the procedures and conditions of the application number 95-014. The facility is located in the SW/4 of Section 2 and the NW/4 of Section 11, 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 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

2-8-95
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

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: February 7, 1995 - 50610.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-014

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.

1) Per Chapter XI Section 8.(c)(i)(C) of WWQRR eight inch sewers shall be laid at a minimum slope of 0.4 feet per 100 feet.

2) Per Chapter XI Section 9.(f)(ii) of WWQRR minimum vertical and horizontal separation of sewers from water mains shall be 18 inches and 10 feet respectively. Where separation cannot be maintained the sewer shall be placed in a separate conduit pipe.

B. Briefly state the basis for the deviation.

1) This is phase two of a two phase project. Lines not meeting the minimum slope requirement are the result of existing conditions previously encountered in phase one. A deviation was granted for that project and a deviation is recommended for this project. The City of Casper has

indicated in writing that it has the capability to clean and maintain lines longer than those for which the deviation is recommended.

2) Due to spacing limitations the minimum separation distance(s) may not be maintained. In those instances the sewer line shall be constructed of materials and joints equivalent to water main standards. This is in accordance with Wyoming Public Works Standard Specifications which has been approved for use under Department of Environmental Quality/Water Quality Division permit number 93-181.

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

not applicable

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

ROAD APPLICATION PERMIT

PERMIT NO.: 95-015
SEE SPECIAL CONDITIONS

Riverton Concrete Products
(Name of Facility)

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

Elk River Concrete Products Company of Montana

P O. Box 1180

Helena, MT 59624

to road apply about 10 yards of soil contaminated with form oil. The application site is located in SE 1/4, Sec. 22, T1N, R4E Wind River Meridian 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 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

2/22/95
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 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 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 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 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 or any other period the roadbed is saturated.

9. of 10 Only the roads designated in this permit are authorized for application of the waste oil. 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.

JH/jm
b/50818.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-015

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 (8/91), 10.4 (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. *See footnote*[1]

ACCEPTABLE

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 waste form oil onto the roadbed. Repeated applications of 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:

N/A

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

N/A

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

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.

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.

JH/b/50818.ltr

ROAD APPLICATION PERMIT

PERMIT NO.: 95-016R
SEE SPECIAL CONDITIONS

Georgia-Pacific Corporation
(Name of Facility)

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

Georgia-Pacific Corporation

P. O. Box 756

Lovell, WY 82431

to road apply mobile equipment wash water. The application site is located in Sections 28, 29, 30, & 33, T55N, R94W in the county of Big Horn in the State of Wyoming. This permit shall be effective for a period of five (5) year from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable standards. The authority to 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

4/8/95
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 or any other period the roadbed is saturated.

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.

JH/jm
b/51453.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-016R

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 (8/91), 10.4 (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. *See footnote*[1]

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 wastewater onto the roadbed.

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

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/b/51453.ltr

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

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-017
SPECIAL CONDITIONS

Ponderosa Ridge Nursery Site; Ponderosa Finish No. 1 Site

This permit hereby authorizes the applicant:

Ponderosa Ridge, Ltd
P.O. Box 97
Albin, WY 82050

to construct flush water collection lines, settling pond at Nursery site and flush water holding pond at Finish No. 1 site and appurtenances according to the procedures and conditions of the application number 95-017. The facility is located in Lots 1, 2, 3, 4;SE Sections 35;33, T17N, R60W 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 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 representative in your area can be contacted at the following address: Southeast District Office, 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.

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 shall construct and operate the permitted facility in accordance with the st... representations, procedures, terms and conditions of the permit application, supporting documents ... 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 11 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 11 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 11 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 11 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

5 of 11 This permit is issued based on the drawdown cone and radius of influence from the production well (Ponderosa Well Nebraska SWL 5015) being pumped at a minimum rate of 400 gpm at all times. A report done by Lidstone & Anderson dated March 2, 1995 and submitted with the application package illustrates that the drawdown cone and radius of influence for the production well will be such that groundwater will be protected.

6 of 11 A liner report shall be prepared during the construction of the liner and will include density testing results and information showing that the permeability of the liner is in conformance with the design information. This report shall be prepared and stamped by a registered professional engineer.

7 of 11 An Operation and Maintenance Manual shall be submitted by the permittee and approved by this office prior to placing the facility in operation.

8 of 11 If the hog feeding operation shuts down for 30 days or more, the wastewater lagoon or lagoons shall be emptied and all sludges removed and properly disposed of. The production well shall maintain a minimum pumping rate of 400 gpm during intermittent or permanent shutdown of the hog feeding facilities. The well shall maintain the minimum pumping rate until the permittee demonstrates that contamination from any hog operation sources has been removed from the groundwater.

9 of 11 Prior to placing the Nursery Site and Finish Site No. 1 into operation, the permittee shall obtain all Water Right and Water Quality Permits from the State of Nebraska.

10 of 11 In order to verify the groundwater modeling and to show that groundwater is being protected, the following procedures for groundwater monitoring and sampling shall be followed for the wells listed.

a. The following wells shall be monitored for static water levels. The wells shall be measured on a semiannual basis both before and after the irrigation season. The information gathered from the wells shall be correlated and placed in an annual report to be submitted to DEQ/WQD. The report shall include a map showing the location of all wells being sampled as well as all major physical features such as roads and buildings. The map shall also include contours of the groundwater with appropriate elevations of the groundwater surface at the wells. The contours shall be at 0.5 foot increments.

Well	Permit No.
Ponderosa Well Neb.	
Lundberg 2	P28097W
Anderson #2	P6845W
Malm 3-1	P7479W
Anderson Dom/5	P3911P
Malm Dom/7	P22880
Malm 33-1	P2712
State Engineer/USGS observation well	

b. The wells listed below shall be sampled on a semiannual basis for total ammonia as N, TDS, and total nitrate as N. Two of the wells listed below shall be sampled one time only for analytical parameters listed in Table I, page 9, of Chapter VIII, Wyoming Water Quality Rules and Regulations to characterize the background water quality. Specific contaminant-related parameters can be excluded; such as, phenols, oil & grease, uranium, cyanide, radionuclides, hydrogen sulfide, etc.. The sampling of the two wells shall also include the following additional parameters: magnesium, calcium, potassium, bicarbonate, total phosphorous, pH, and alkalinity.

Well	Permit No.
Ponderosa Well Neb.	
Lundberg 2	P28097W
Anderson #2	P6845W
Malm 3-1	P7479
Malm 33-1	P2712
Malm 33-3	P25984W

c. The information required above is to be correlated and placed in a report. The report shall have a cover sheet with a title and referencing this project (95-017). The report is to also include the amount of water pumped from the production well on a monthly basis.

If the sum of total ammonia as N and total nitrate as N is 50 mg/l or greater in any well, the permittee shall include in the report an analysis of whether or not the flush water lagoons are leaking and include an explanation for the high levels of nitrates or ammonia.

11 of 11 If monitoring and sampling does not verify the groundwater modeling as proposed, the permittee shall provide measures to correct any deficiencies. If the measured water table elevations indicate that a contamination plume emanating from hog operation sources will not be completely

contained by the pumping wells, the permittee will need to submit a plan to install a monitoring well(s). Upon review of the sampled data, the WQD may require the permittee submit a plan to perform corrective measures. The proposed corrective measures shall be approved by WQD prior to implementation.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

6/9/95
Date of Issuance

GLS/nc 52339.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-017

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[1]. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable

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

VI. If Section 15 of Chapter III is applicable, indicate the basis of determining groundwate. 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:

The proposed wastewater lagoon is for storage of washwater from confined hog feeding operations only. The permit application does not provide for disposal of any other waste at the site. The wastewater lagoons will be lined with clay and silty clay found on site and will be stockpiled during the lagoon excavation. The liner will be 8 inches thick and when compacted to 95% of standard proctor has a permeability that is 10^{-7} cm/sec. The maximum exfiltration will not exceed 1/8 inch/day as indicated in Chapter XI.

The permittee has provided groundwater modeling which indicates that all contamination which may enter the groundwater from the wastewater pond will be captured by a production well at the Nursery site. The production well is located in the State of Nebraska near the Nursery Site and will pump a minimum of 400 gpm at all times. The pumping rate for the well may be increased depending upon demand however it will not be less than the 400 gpm as indicated in the groundwater modeling.

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 permittee will be required to monitor several existing wells to verify that the model presented in the permit application is accurate, and to verify that groundwater is not being impacted. The monitoring will also verify that all contaminates from the lagoon are in fact being intercepted by the production well.

Wells will be monitored for water level depth as well as for ammonia, TDS, and Nitrate levels. The production well will also be monitored and the amount of water pumped will be required as well as the static water level and nitrogen.

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 Gary Steele, Southeast District Engineer, and completed on June 2, 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."

GLS/nc 52339.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **Ponderosa Ridge Nursery Site; Ponderosa Finish No. 1 Site**

ENGINEER: James K. Murphy
A.V.I. p.c.
2035 Westland Road
Cheyenne, WY 82001

APPLICANT: **Ponderosa Ridge, Ltd.**
P.O. Box 97
Albin WY 82050

WATER QUALITY REFERENCE NUMBER: 95-017

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **April 17, 1995**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 6 As indicated in the previous project review the domestic waste streams and the wash water must be disposed of separately or all of the combined wastewater will be required to meet Part E of Chapter XI of the Water Quality Rules and Regulations, and all sludges disposed of will be required to meet the new EPA 503 requirements. Simply testing for fecal coliforms is not adequate to determine if human diseases exist in a combined waste stream.

2 of 6 The requirements of the letter submitted to Mr. Jim Murphy on January 19, 1995 are that the permittee demonstrate that water use from existing wells between the Sow site and the production well will not be restricted and that all land use and future points of withdraw between the sow site and production well will be controlled for the life of the facility. The first part of these requirements appears to be met with the letter submitted however the second part has not been met. The permittee must provide this office with some type of an agreement between the permittee and the current landowner that land use and future points of withdraw will be controlled by the permittee. This agreement must also apply to any future land owners of the land between the sow site and the production well for the life of the sow site.

3 of 6 The permit when issued will include a condition which will require the following. If the operational status of the irrigation wells between Finish Site No. 1 and the production well occurs then the permittee shall develop a monitoring plan to determine the effects of the changes within 30 days after the operational change in the well or wells are noted.

4 of 6 The permit when issued will require that the following wells be monitored for static water levels.

Well	Permit No.
Ponderosa Well Neb.	
Lundberg 2	P28097W
Anderson #2	P6845W
Malm 3-1	P7479W
Malm #2	P22881P
Anderson Dom/5	P3911P
Malm #1	P18617P
Malm Dom/7	P22880
Malm 33-1	P2712
Malm 33-2	P6952W
Malm 33-3	P25984W
Malm Dom/25	P22879P

One of the following

Sandman	P2179W
Holgerson #1	P10101W
Holgerson #2	P10102W
Holgerson #5	P29638W

The applicant will be required to measure water levels in the above listed wells on a semiannual basis both before and after the irrigation season. After measuring groundwater elevations the applicant will be required to submit a contour map of water level elevations on a yearly basis.

Note: Please provide information pertaining to the accessibility (i.e., permission to sample, physically able to sample) of the above listed wells.

4 of 6 The permit when issued will require that the following wells are monitored on a semiannual basis for ammonia, TDS, and nitrate levels.

Well	Permit No.
Ponderosa Well Neb.	
Lundberg 2	P28097W
Anderson #2	P6845W
Malm 3-1	P7479W
Malm 33-1	P2712
Malm 33-3	P25984W
Malm Dom/25	P22879P
Anderson Dom/5	P3911P

Please provide information showing that the wells listed above are screened at the water table and that the wells are constructed such that samples can be taken from the ground water static level (i.e., with a bailer or pump located at the water table). The wells should be able to be properly purged to attain representative samples of ground water quality.

At least two of these wells shall be sampled for the analytical parameters listed in Table I, p. 9, Chapter VIII, Wyoming Water Quality Rules and Regulations to characterize the background water quality. Specific contaminant-related parameters can be excluded; such as, phenols, oil & grease, uranium, cyanide, radionuclides, hydrogen sulfide, etc.. The sampling analysis shall also include the following additional parameters: magnesium, calcium, potassium, bicarbonate, total phosphorous, pH and alkalinity.

5 of 6 Study of existing groundwater reports shows that a high yielding groundwater trough exists under Finish Site #1 and extends to the southeast. Modeling done by the Groundwater Section of Water Quality Division appears to predict that any water quality contamination from Finish Site #1 which reaches groundwater will flow along the trough and the contamination will not be captured by the production well. DEQ will review groundwater data submitted and determine if a monitoring well will be required between Malm 3-1 and Anderson #2. The determination for the monitoring well will be made in the future after review of the groundwater submittals provided by the permittee.

6 of 6 The permit will require an Operation and Maintenance Manual to be provided and approved for this facility prior to placing the facility in operation.

/jn - 51788.ltr

REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: **Ponderosa Ridge Nursery & Finish No. 1 Sites**

ENGINEER: **Jim Murphy**
A.V.I. P.C.
2035 Westland Road
Cheyenne, WY 82001

APPLICANT: **Ponderosa Ridge, Ltd.**
P.O. Box 97
Albin, WY 82050

WATER QUALITY REFERENCE NUMBER: 95-017

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **February 9, 1995**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1 of 7 The plans indicate that the domestic waste streams and the wash water waste streams are to be combined. If the wastestreams are combined then the wastewater from the lagoons will need to meet all of the requirements of Part E of Chapter XI of the Water Quality Rules and Regulations prior to land application.

2 of 7 Does SDR-35 sewer pipe have sufficient wall thickness to withstand 27 feet of cover?

3 of 7 It appears that 2 additional air release valves are required at Stations 7+00 and 24+00 on the wastewater transmission line.

4 of 7 How does irrigating with wastewater a few months prior to planting crops and several months after harvesting crops affect the hydraulic and nutrient loading of the land application soils?

5 of 7 Does the wastewater pump for the transmission line start and stop by water level controls, manually or does the pump run continuously? If the pump is to run continuously then what procedures are to be followed for repair or replacement of the pump?

6 of 7 For your information only the slope of the wastewater line between manholes at 0+00 and 3+50 computes to 1.57%.

7 of 7 The groundwater report has not been submitted at this time.

GS/nc 50654.LTR

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-018
SPECIAL CONDITIONS

Gunter Addition Sewer Extension

This permit hereby authorizes the applicant:

Town of Wheatland
Wheatland, Wyoming 82201

to construct, install or modify a sewer main extension according to the procedures and conditions of the application number 95-018. The facility is located in NW-NE 1/4 Section 14, 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

1-27-95
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 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

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".

RLE/bb/50415.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-018

B. Facility Name: Gunter Addition Sewer Extension

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 III. 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/50415.ltr

PERMIT TO CONSTRUCT

[X] New

Permit No. 95-019RR
*** CONDITIONED ***

[] Renewal

[] Modified

Rock Springs Pipeline - Phase VIII - Eastside Transmission Pipeline
(Name of Facility)

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

Green River-Rock Springs-Sweetwater County Joint Powers Board

P.O. Box 1299

Green River, WY 82935

to construct a transmission pipeline according to the procedures and conditions of the application No. 95-019. The facility is located in S36/1 T19N/18N 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

3-13-95
Date of Issuance

This permit <u>does not</u> 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 The approximately 500-LF of 20" pipe to be installed near the water treatment plant must be drained after the summer high demand season to prevent freeze damage.

RRT/mad 51110.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-019RR

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.

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.

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

Chapter XII, Section 14. "Distribution System" requires the a depth of cover to protect the line from freezing and frost heave.

B. Briefly state the basis for the deviation.

The applicant proposes to install 500 LF of 20", AWWA C-905 PVC pipe with a burial depth that provides a minimum of 30-inches of cover.

The burial depth deviation is granted based upon the temporary use of this line while a new water treatment plant is being constructed. This line is intended to

only function in meeting high raw water demands during the high usage summer season. Condition 5 of this permit requires the line to be drained each year at the end of the summer.

Expansion of the existing treatment plant has not been feasible due to contaminated soil in the plant vicinity.

This temporary pipe will be buried shallow to reduce cost and to minimize conflict with existing pipelines.

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. *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.

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

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-020
SPECIAL CONDITIONS

Richard Chopping/Town of Lusk Sewer Main Project

This permit hereby authorizes the applicant:

Town of Lusk
P.O. Box 390
Lusk, Wyoming 82225

to construct, install or modify a sewer main extension according to the procedures and conditions of the application number 95-020. The facility is located in SE 1/4 Section 07 T32N R63W in the county of Niobrara, 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

2/15/95
Date of Issuance

RLE/jn - 50766.ltr

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 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

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: 95-020

B. Facility Name: Richard Chopping/Town of Lusk Sewer Main Project

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 III. 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.

PERMIT TO CONSTRUCT

[X] New

Permit No. 95-021
*** CONDITIONED ***

[] Renewal

[] Modified

Alpine West First Addition - Wastewater Collection Extension
(Name of Facility)

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

Town of Alpine

P.O. Box 70

Alpine, WY 83128

to construct a sewer main extension according to the procedures and conditions of the application No. 95-021. The facility is located in NE¼, SW¼, S30, T37N, R118W in the County of Lincoln, 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

2/22/95
Date of Issuance

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

RRT/b/50805.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: 95-021

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

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/b/50805.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. 95-022R
SPECIAL CONDITIONS

Jackson National Fish Hatchery

This permit hereby authorizes the applicant:

Jackson National Fish Hatchery
1500 Fish Hatchery Road
Jackson, WY 83001

to construct two settling basins according to the procedures and conditions of the application number 95-022R. The facility is located in NW 1/4 Sec. 11, T41N, R116W in the county of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

The issuance of this permit 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 representative in your area can be contacted at the following address: Lander Office, 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 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 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 auth... 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 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 Lander 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 Lander 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, certifie... 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".

AUTHORIZED BY:

Administrator
Water Quality Division

6-28-95
Date of Issuance

Director
Department of Environmental Quality

JH/anc/nc 52799.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-022R

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.)

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III[1]. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

VI. N/A

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

VII. Documentation of Statement of Basis.

A. The archives file for this permit will include adequate documentation of all sections of th 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 Jeff Hermansky, Northwest District Supervisor, and completed on June 27, 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."

JH/anc/nc 52799.LTR

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-023
*** CONDITIONED ***

Basin Boat Ramp Privy
(Name of Facility)

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

Town of Basin

P. O. Box 599

Basin, WY 82410

to construct a two unit public privy according to the procedures and conditions of the application No. 95-023. The facility is located in SE 1/4, NE 1/4, Sec. 21, T51N, 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
Dept. of Environmental Quality

2-23-95
Date of Issuance

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

JH/jm
b/50894.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: 95-023

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.

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.

JH/b/50894.ltr

PERMIT TO CONSTRUCT

[X] New
Renewal
Modified

PERMIT NO. 95-024
STANDARD CONDITIONS

AMAX EAGLE BUTTE TADPOLE RESERVOIR

This permit hereby authorizes the applicant:

Amax Coal West, Inc.
Eagle Butte Mine
P.O. Box 3040
Gillette, WY 82717-3040

to construct, install or modify a non-biological treatment pond according to the procedures and conditions of the application number 95-024. The facility is located in the SE/4 of the SE/4 of Section 21, the SW/4 of Section 22, and the N/2 of the NW/4 of Section 27 of Township 51 North Range 72 West in the county of Campbell, 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: 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

2/15/95
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 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 the 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".

DRM/pr:02/10/95

xc: Amax Eagle Butte District File

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-024

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.

Not Applicable (N/A).

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

N/A.

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:

Applicable. The quality of the wastewater that will be placed in the facility is equal to or better than the quality of groundwater in the area. The applicant has provided wastewater and groundwater quality data for documentation.

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.

33954.DOC

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-025R
*** CONDITIONED ***

Gibson Waterline
(Name of Facility)

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

Jim Gibson

150 E. Main

Lander, WY 82520

to construct an eight inch water main with fire hydrant according to the procedures and conditions of the application No. 95-025R. The facility is located in NW1/4, Sec.17, T33N, R99W in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

performance of, the permittee in the exercise of its activities allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

3/22/95
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.

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/mad 51235.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-025R

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.

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

RF

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-026
SPECIAL CONDITIONS

West Laramie Storm Sewer Outfall & San. Sewer Relocate

This permit hereby authorizes the applicant:

City of Laramie
P.O. Box C
Laramie, Wyoming 82070

to construct, install or modify a storm sewer and sanitary sewer relocation according to the procedures and conditions of the application number 95-026. The facility is located in SE 1/4 Section 31 and SW 1/4 Section 32 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

3-3-95
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

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. Construction Techniques - Construction methods, as necessary, to ensure that the water tight joint sealing materials will be dry enough long enough to cure properly, shall be implemented. These methods shall be reported to the Water Quality Division in a timely fashion.

5 of 7. Groundwater Infiltration Exclusion Verification - In addition to the visual inspections of the water tight joints, the City of Laramie in conjunction with the consultant and the contractor, shall develop a method for verifying groundwater infiltration exclusion for the completed project. A report on the method of verification and the results shall be submitted to the WQD within 60 days of completion of the project.

6 of 7. Dewatering Permits and Contamination Disposal Permits - Before any dewatering takes place all necessary permits (whether they be NPDES discharge permits, permits to construct, air quality permits, solid and hazardous waste permits, or whatever) shall be applied for and approved.

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

STATEMENT OF BASIS

General information.

A. Permit Number: 95-026

B. Facility Name: West Laramie Storm Sewer Outfall & San. Sewer Relocate

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

A. Chapter III. Yes Section 5(b)

B. Chapter XI. Yes As applies to sanitary sewer relocation only.

C. 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 - Chapter III, Section 5(b) states in part "No construction, installation, or modification of a public water supply, sewerage system, treatment works, disposal system or other facility capable of causing or contributing to pollution shall be allowed unless a permit to construct, install or modify has been obtained from the administrator." The storm sewer line, which runs through an area of hydrocarbon contaminated soil and groundwater, is being required to be water tight to prevent the infiltration of contaminated water which would then empty into the Laramie river.

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 (in 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 III. 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 51003.LTR

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: West Laramie Storm Sewer Outfall & San. Sewer Relocate

ENGINEER: Daryl R. Jensen
Western Water Consultants, Inc.
611 Skyline Road
Laramie, Wyoming 82070

APPLICANT: City of Laramie
P.O. Box C
Laramie, Wyoming 82070

WATER QUALITY REFERENCE NUMBER: 95-026

REVIEWING ENGINEER: Ronald L. Ewald RLE

DATE OF REVIEW: February 14, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. Question - What is a manhole Type E? Please explain what a manhole Type E is and provide specifications.

2. Specific, detailed specs on both the materials and methods of construction for the water tight joints on the RCP storm sewer pipe must be provided. These specs must also contain information to verify that any water tight joint materials such as gaskets or applied sealer will not degrade due to contact with the petroleum hydrocarbon contaminated soil and groundwater.

3. The method for testing the water tightness of the RCP joints after assembly to verify the tightness needs to be specified and explained. Additionally, the final permit will contain a condition that the results of these tightness tests be submitted to the WQD for review and approval before the storm sewer is placed into service.

4. Methods for identifying and disposing of both contaminated soil and groundwater encountered during construction need to be specified. Separate permits for the treatment or disposal of these contaminated materials may be required.

/jn - 50761.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-027
SPECIAL CONDITIONS

Beverly Wooten Septic System

This permit hereby authorizes the applicant:

Beverly Wooten
170 River Road
Alva, Wyoming 82711

to construct, install or modify a septic system according to the procedures and conditions of the application number 95-027. The facility is located in the NW/4 of the SW/4, Section 4, Township 54 North, Range 64 West in the county of Crook, 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

3-2-95
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

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: February 8, 1995
b/50983.ltr
Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-027

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 III.

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

not applicable

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.

BDM/b/50983.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-028
STANDARD CONDITIONS

FROEHLICH LAGOON

This permit hereby authorizes the applicant:

Mike and Sarah Froehlich
3891 10 Mile Road
Casper, WY 82604

to construct, install or modify a lagoon according to the procedures and conditions of the application number 95-028. The facility is located in the SE/4 of the NW/4 of Section 24 of Township 34 North Range 81 West in the county of Natrona, in the State of Wyoming. This permit shall be effective for a period of ten (10) months from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable 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 (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: Northeast District, DEQ/WQD, 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

3-2-95
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 Northeast District DEQ/WQD office 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 DEQ/WQD 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 DEQ/WQD 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".

DRM/pr:03/01/95
b/50984.ltr
cc: Froehlich Permit File 95-028

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-028

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.

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.

Section 46 (c) (ii) of Chapter XI of the Wyoming Water Quality Rules and Regulations (WWQRR) requires a minimum of three feet of unsaturated soil between the bottom of the lagoon and groundwater.

B. Briefly state the basis for the deviation.

Seasonal perched irrigation water may not allow a minimum of three feet of unsaturated soil between the bottom of the lagoon and groundwater at all times of the year. In addition, boreholes indicate the depth to groundwater is not uniform throughout the lagoon site (some were void of water). However, the existing native soils exceed the required 60 mpi criteria (confirmed by the Natrona County Health Department) and a bentonite liner with permeability of 10-8 will be installed on the bottom and sides of the lagoon.

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

No.

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.)

Yes.

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:

Applicable. The tight native soils and the installation of a bentonite liner in the lagoon (with even less permeability than the existing soils) will effectively minimize the potential for discharge to the perched groundwater in the area. The lagoon facility is proposed because the area soils prevent the wastewater from a conventional septic system to be discharged into the ground for treatment.

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:

Applicable. Please reference Section VI.A. of the Statement of Basis.

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.

DRM/b/50984.ltr

PERMIT TO CONSTRUCT

[X] New

Permit No. 95-029
*** CONDITIONED ***

[ ] Renewal

[ ] Modified

Broadway Park Development
(Name of Facility)

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

Broadway Park LTD, L. C.

P. O. Box 3553

Jackson, WY 83001

to construct 600 ft. of 6 inch D.I.P. with fire hydrant and about 552 ft. of 6 inch PVC sewer with manholes according to the procedures and conditions of the application No. 95-029 . The facility is located in NW1/4 NE1/4, Section 34, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

4-6-95
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.

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/nc 51407.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-029

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 applicable

JH/jm/nc 51407.LTR

RF

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

April 18, 1995

Tommy C. Wilson
Cortez Energy, Inc.
P.O. Box 630
Douglas, WY 82633

RE: Cortez Energy Water Disposal Well No. 1
Permit Number UIC 95-030
Converse County

Dear Mr. Wilson:

Enclosed please find one copy of the final signed permit for the above referenced well. This permit allows you to begin construction immediately and to operate this well as soon as construction is complete. This department will want to witness any tests done on this well and will inspect this well when construction is complete and you are ready to begin injection.

Please note that Section C2 of this permit applies only to those RCRA exempt wastes produced upstream from the point of custody transfer. This refers to the point where oil and/or natural gas changes ownership for the first time. Oilfield waste produced upstream from that point is exempt from RCRA regulation, while the same wastes produced downstream from that point are not.

Sincerely,

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

RL/jn - 51714.ltr

encl: Final signed permit to inject

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF WYOMING
UNDERGROUND INJECTION CONTROL PERMIT
ISSUED UNDER CHAPTER XIII
WYOMING WATER QUALITY RULES AND REGULATIONS
CLASS I INJECTION WELL

(XX) New
( ) Modified

Permit Number 95-030

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a) (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations Chapter XIII (1993),

Applicant:

Cortez Energy, Inc.
P.O. Box 630
Douglas, WY 82633
(307) 358-2205

is authorized to operate: **The Cortez Energy Water Disposal Well No. 1** (Formerly 1-24 Federal) in the SW ¼ SW ¼, Section 24, Township 36 North, Range 72 West, of the 6th Principal Meridian, Converse County; according to the procedures and conditions of application 95-030 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.

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

4-20-95
Date

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

4-24-95
Date

A. Discharge Zone

This injection well is authorized to inject into the Parkman Formation which is found in the well bore from 8,528 to 8,810 feet below the ground surface. Additional perforations may be installed within the above named interval of the authorized Formation with the prior approval of the Water Quality Division. The initial perforations in this well are from 8,544-8,549, 8,552-8,564, 8,569-8,574, 8,582-8,594, 8,760-8,766, and 8,770-8,778 feet below the ground surface.

The packer set on the bottom of the tubing shall be set with in 500 feet of the top of the authorized discharge zone. The present packer setting is 8,508 feet.

B. Area of Review

The well(s) authorized by this permit is/are located in:

Township 36 North, Range 72 West, 6th Principal Meridian
Section 24: SW¼ SW¼

The Area of Review around these wells is legally described as:

Township 36 North, Range 72 West, 6th Principal Meridian
Section 23: E½ SE¼
Section 24: SW¼
Section 25: N½ NW¼
Section 26: NE¼ NE¼

C. Groundwater Classification

The groundwater in the Parkman Formation is classified as class VI under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980.) This classification was made because:

a. The groundwater in this formation contains in excess of 10,000 mg/l of Total Dissolved Solids;

b. The groundwater in this formation is situated at such a depth that recovery of this water and treatment for drinking water purposes is not practical; and

c. This formation naturally contains traces of oil and gas and cannot be reasonable expected to provide a source of drinking water at this location.

D. Authorized Operations

1. The permittee is authorized to inject 1,000 barrels per day, (42,000 gallons per day) of industrial wastes as described:

2. The following exempt wastes under section 3001(b)(2)(A) of the 1980 amendments to Resource Conservation and Recovery Act (RCRA) (the Oil and Gas Exploration and Production Exemption) so long as they are produced upstream from the point of custody transfer:

a. Water produced along with oil and gas from any formation;

Within the following area, produced water may be accepted from any formation without any additional prior approval and without the necessity of obtaining any analyses: Townships 33 through 39 North, Ranges 69 through 75 West.

Outside of the above area, produced water may be accepted from any formation without any additional prior approval. Cortez Energy, Inc. shall obtain and retain in their files one copy of an API standard water analyses for each unitized field or un-unitized lease where the produced water originates.

b. Water associated with drilling fluids used during the drilling of any oil and gas well or the water supply wells on oil and gas locations; Rig wash water; Well completion, treatment and stimulation fluids; Waste produced during any workover or abandonment of and oil or gas well or test hole; Wastes from subsurface gas storage and retrieval; Liquid hydrocarbons removed from the production stream but not from oil refining; Materials ejected from a producing well during the process known as blowdown;

Cortez Energy, Inc. shall obtain an API standard water analyses for each lot of waste accepted under this provision. No additional prior approval is required in order to accept these wastes.

c. Geothermal production fluids; Hydrogen sulfide abatement wastes from geothermal energy production;

Cortez Energy, Inc. shall obtain a comprehensive water analyses including all compounds found in Table I, Chapter VIII, Water Quality Division Rules and Regulations for each lot of waste accepted under this provision. The permittee shall obtain Water Quality Division written approval prior to accepting these wastes.

d. Water and other tank bottoms from the storage facilities that hold crude oil, natural gas, gas condensate, or other RCRA exempt waste; Gas plant sweetening wastes for sulfur removal including amines, backwash, and any wastes produced by a Bevon Stetford processing plant; Gas plant dehydration wastes, and backwash; Cooling tower blowdown wastes on gas plant or other exempt sites; Packing fluids; Pigging wastes from in field gathering lines, but not from interstate pipeline systems;

Cortez Energy, Inc. shall obtain a comprehensive water analyses including all parameters found in Appendix A, Chapter XIII, Water Quality Division Rules and Regulations, for each lot of waste accepted under this provision. No additional prior approval is required in order to accept these wastes.

3. Wastes generated during the removal or maintenance of Underground Storage Tanks, so long as those tanks are regulated facilities under the Underground Storage Tank Program administered by the Water Quality Division. Under this provision, wastes including water from inside an active tank, water found inside the tank during a removal operation, groundwaters contaminated by gasoline and diesel, and water used in any form of testing operation, may be injected without analyses and without prior approval. Cortez Energy shall obtain a written statement from the generator of any such waste stating that the waste is from an underground storage tank regulated by the Water Quality Division. These statements shall contain the certification statement found in Section R of this permit. This provision does not apply to above ground storage tanks. Approvals for wastes generated at an above ground storage tank may be granted under section D(8) below.

4. The following non-exempt wastes:

Wastes known as "sump wastes" from floor drains and septic tanks where any form of mechanical work is performed in a shop area served by floor drains. Prior to disposal, Cortez Energy must obtain prior Water Quality Division written approval for each new source of waste. Each new generator of this type of waste must provide the following analyses: Total Arsenic, Total Barium, Total Cadmium, Total Chromium, Total Lead, Total Mercury, Total Selenium, Total Silver, Solvents using EPA Method 624 (or an equivalent method), flashpoint and pH. In the event that the generator is aware of any additional hazardous constituent which might be present in the waste, the generator shall provide analyses and documentation to show that the waste is non-hazardous.

5. The permittee is authorized to inject at a pressure of no more than 1,400 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded on a chart recorder.

6. Within the first year of operation, the permittee shall conduct a step injection test to determine the actual fracture pressure of the formation. After this test, and subsequent approval by the Administrator, the injection pressure shall be limited to 90% of the fracture pressure as measured at the surface. The permittee may conduct additional step injection tests at a later time to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests, the permittee shall limit the injection pressure to 90% of the new fracture pressure as measured on the surface.

7. The wastes injected include, but are not limited to, operations described by the following SIC codes: 13 and 492.

8. The permittee may inject other wastes with prior written approval of the Administrator.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes mechanical integrity of the well, effective performance, adequate funding and operator staffing and training, and adequate laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

The injection well(s) covered by this permit shall meet all construction requirements outlined in Chapter XIII, Section 11 of the Wyoming Water Quality Rules and Regulations.

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

Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

Injection into a well may not commence until construction is complete.

G. Entry and Inspection

The permittee shall allow the Administrator, or an authorized representative for the Administrator, upon presentation of credentials and during normal working hours, to enter the premises where a regulated facility is located, or where records are kept under the conditions of this permit, and inspect the discharge and related facilities, review and copy reports and records required by this permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

H. Environmental Monitoring Program for Groundwaters of the State

Because of the depth of injection, the type of waste, and the fact that there are no permitted water wells nearby, no groundwater monitoring plan is required.

I. Requirements for Monitoring the Discharge

1. The permittee shall monitor the injection pressure continuously and record those readings on a strip chart recorder, a circular charge recorder, or digitally by computer interface with the pressure transducer on the well.

2. The permittee shall monitor the quality of the injected water on an approved schedule. The following parameters shall be analyzed by the listed methods and reported (quarterly or monthly):

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 501.2, 602, or 624	Tetrachloroethene (aka Perchloroethene - PCE)	.05
	EPA Method 501.2, 602, or 624	Trichloroethene (TCE)	.062
	EPA Method 239.2 or equivalent	Lead	5.0
	EPA Method 213.2 or equivalent	Cadmium	5.0
	EPA Method 218.1 or equivalent	Chromium	5.0
	EPA Method 418.1 or equivalent	Total Petroleum Hydro-carbons	No Limit

*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown. pH is always expressed in standard units.

The above Upper Control Limit (UCL) is not to be exceeded in any sample. Exceedance of this value is a violation of this permit and shall require corrective action.

In addition to the two solvents shown above, the permittee shall also sample and analyze for the entire list of parameters normally reported on the Method 624 analyses by the laboratory doing the samples. The entire analytical report shall be submitted to WQD along with the next quarterly report.

3. The permittee shall shut the well covered by this permit in annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line on the Miller-Dyes-Hutchinson (MDH) plot. The permittee shall prepare a report for each falloff curve conducted including a MDH Plot and calculations of the skin effect, the indicated transmissivity and permeability of the receiver, and the indicated reservoir pressure. This report shall include plots of the data and all calculations based on those plots. Prior to injection of any waste into this well, the permittee shall record the static reservoir pressure for the Parkman Formation.

4. The permittee shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. This requires that the permittee install a continuous chart recorder, or a digital interface electronic recorder. The pressure maintained shall be not less than 200 psig nor more than 600 psig.

5. The permittee shall monitor continuously the volume injected. This may be accomplished using a totalizer volume meter and recording manually the readings on a daily basis for each day when the well is in active use. This may also be accomplished by installation of a continuous chart recorder or digital electronic recorder on the injected volume.

J. Test Procedures

1. All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and, for those samples required under section I(2), a duplicate sample shall be taken at least once per year.

2. All required analyses shall be conducted in compliance with Chapter VIII Section 7, Wyoming Water Quality Rules and Regulations.

K. Records and Reports

1. The permittee shall furnish to the Administrator, within a specified time, any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit.

2. The permittee shall retain copies of all records and reports required by this permit, for a period of three (3) years following permanent well abandonment. After that time, those same records shall be delivered to the Administrator for disposal or archive at his sole discretion.

3. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date.

4. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it

is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance.

5. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. the reports shall contain the same information as required by the paragraph above.

6. The permittee shall notify the administrator thirty (30) days in advance of any planned alteration, conversion or abandonment of the well(s) covered by this permit.

7. The quarterly report of operations for this/these well(s) shall include the following information:

a. The minimum, average and maximum daily injection rate for each of the wells, for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.

b. The minimum, average, and maximum daily injection pressure for each of the four wells for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.

c. The total injection volume in either gallons or standard 42 gallon barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date all for each well separately.

d. The maximum and minimum annulus pressure for each month of the quarter for each well separately.

e. Any permit exceedances within the quarter.

f. Any tests run during the quarter. Tests conducted within 14 days of the end of the quarter may be reported with the next subsequent quarterly report. This includes, but is not limited to:

the results on any Mechanical Integrity Test (include 3 copies of all Cement Bond Logs, Radioactive Tracer Surveys and any certified casing pressure checks run)

the results of any Pressure Falloff Test including a Miller-Dyes-Hutchinson Plot, and a calculation of the Transmissivity in md-ft/cp, Permeability in md, and skin factor;

the result of any Step Injection Test including a graph showing both surface pressures and interpreted bottom hole pressures showing the fracture pressure obtained. All step tests run shall be run with each step held for equal times and shall include a minimum of three steps above and three steps below the fracture pressure;

a description, including a copy of the procedure used for any well workovers.

g. The analytical results for sampling for the injected water required under Sections D(2), D(5) or I(2) of this permit.

h. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than 30 days after the end of each calendar quarter.

8. The annual report of operations on these wells shall be filed at the time when the fourth quarterly report is due and shall include the fourth quarterly report and the following additional information:

a. A graphical representation of the monthly average injection pressure and volume over time for the previous five year's operation. This graph shall have the dates of the year on a linear X axis and the pressure and volume on a linear Y axis.

b. Graphical representations of the quality of the injected water over time. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate linear scales to show the variation.

c. Monitoring results shall be reported in the annual reports unless otherwise specified.

L. Permit Actions

1. This permit is issued for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator and obtain a new permit prior to the expiration date of this permit.

2. It shall not be a defense for a permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

a. Violation of this permit;

b. Obtaining a permit by misrepresentation of facts in the application; or

c. Failure of the casing, cement or the confining layer.

5. This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or part in order to apply more or less, stringent standards; or prohibitions for toxic or other substance present in the permittee's discharge, as may be ordered by the council.

M. Mechanical Integrity

1. Mechanical Integrity shall be maintained continuously and reviewed at least once every five (5) years. The test used to determine mechanical integrity shall be a two part test approved by the Administrator.

Part I of the Mechanical Integrity test shall demonstrate the absence of leaks through the packer, tubing, casing and wellhead. This test shall consist of a pressure test of the annulus to a pressure of 1,000 psig. A successful test shall be one which holds 1,000 psig for 15 minutes with no more than 25 psig of pressure loss.

Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. The approved method of demonstrating the absence of fluid movement behind the casing

is to run a Radioactive Tracer Survey (RATS) and a Temperature Log. The RATS test shall include a check of the fluid movement around the packer, above the top perforation and below the bottom perforation. The temperature survey shall be a shut-in survey after 24 hours.

2. Part I of the Mechanical Integrity Test was conducted and passed on June 1, 1994. Prior to any injection under this permit, Part II of the Mechanical Integrity Test shall be conducted and passed prior to any injection under this permit.

3. Wells which have not demonstrated both parts of the required Mechanical Integrity test shown on the above schedules, shall be shut in until the Mechanical Integrity has been restored and the required tests have been passed and the Administrator has issued an approval to resume injection.

N. Abandonment

1. The permittee shall notify the administrator at such times as the permit requires before conversion or abandonment of the well.

2. Within thirty (30) days after plugging and abandonment of the well covered by this permit, the permittee shall submit a plugging and abandonment report, detailing the compliance abandonment procedures outlined in the original permit application, and describing any deviation from the original plan. The abandonment plan shall include reclamation of the well location.

O. Duties of the Permittee

1. The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition.

2. The permittee shall furnish to the Administrator within a reasonable time, any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit.

3. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the administrator through the submission of a new or amended permit application.

4. The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

5. Monitoring results shall be reported at the intervals specified elsewhere in this permit.

P. Financial Responsibility

1. The permittee has demonstrated financial responsibility as required by Chapter XIII of Wyoming Rules and Regulations in the form of a financial test demonstrating sufficient resources to plug and abandon the non-hazardous waste injection well covered by this permit.

2. The permittee has posted the required financial instruments to guarantee the plugging and abandonment of the commercial oil field disposal well covered by this permit. This has been done pursuant to Chapter XIV, Water Quality Rules and Regulations and W.S. 35-11-306. The specific financial instrument provided is:

A Letter of Credit, in the amount of $20,000.00 from the Converse County Bank. This Letter of Credit, Number is numbered: 207, and does not expire unless revoked or not renewed.

3. The permittee shall maintain the above instrument or a replacement instrument for the duration of this permit and until all post-closure care requirements have been satisfied.

Q. Special Conditions

1. In addition to the conditions required of all permits, the administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter XIII, Section 9(e).

2. The permittee shall identify the facility covered by this permit with a standard well sign. The well sign shall show the name of the permittee, the name of the well, the legal description of the well, and the fact that a WQD UIC permit applies. The wellhead itself shall be identified with a sign and the injection plant shall also have a sign on the door with the same information.

Inside the injection plant the permittee shall affix a sign which states the maximum injection pressures and volumes and the fact that any exceedance of these values is a violation of the permit. The sign shall include instructions that exceedances must be reported within 24 hours of their occurrence to the following telephone number: (307) 777-7095. These same reports shall be made by the operator to the permittee at the same time when reporting to the department.

All signs required shall be constructed of standard sign gauge material in either steel, aluminum or fiberglass with letters a minimum of 1 inch high.

3. In the event that any cultural resources (evidence of historic or prehistoric occupation of the site) are uncovered during construction of the injection well or injection plant, the Water Quality Division and the State Historic Preservation Office shall be notified immediately. In this event, work shall immediately cease and not be resumed until the cultural resources discovered have been evaluated and adequate measures for their protection or collection have been taken. In the event that any such report is filed with the State Historic Preservation Office, refer to SHPO control #0295KLK043. The telephone number and contact for SHPO is Judy Wolf 777-6311.

R. Signatories Requirement

1. All reports filed in conjunction with this permit shall contain the following certification:

"I certify, under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

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

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

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

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

or

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

1. The authorization is made in writing by one of the described principals;

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and

3. The written authorization is submitted to the Administrator.

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

S. Noncompliance

1. The permittee shall comply with all conditions of this permit. Any permit noncompliance constitutes a violation of Chapter XIII of the Wyoming Water Quality Rules and Regulations and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

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

T. Permit Transfer

1. Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator, and the Director, and no transfer shall be approved unless the proposed permittee agrees to bring any and all non compliance issues into compliance with this permit.

2. The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

U. Property Rights

1. This permit does not convey any property rights of any sort, or any exclusive privilege. This permit does not authorize injury to private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

V. Severability

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

2. 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.

RL/ - 51721.ltr

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

March 10, 1995

Tommy C. Wilson
Cortez Energy, Inc.
P.O. Box 630
Douglas, WY 82633

RE: Cortez Energy Water Disposal Well No. 1
Draft Permit Number 95-030
Converse County

Dear Mr. Wilson:

The enclosed draft permit (#2) contains several changes which were prompted by other agencies. This is the draft permit which will go to public notice. Also enclosed please find a new copy of the public notice on this well. You must mail a copy of this notice to each and every owner listed in response to item 6 of the permit application document. Please send this notice certified mail and provide this agency with copies of the return receipts.

As you can see, the public notice period has slipped by one week. The new public notice period will end on April 17, 1995. This was caused by the short delay in receiving the letter of credit required for financial assurance.

Sincerely,

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

RL/jn - 51134.ltr

R7

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-031
SPECIAL CONDITIONS

East Lincolnway Utility Relocation

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne, Wyoming 82003

to construct, install or modify water and sewer main relocations according to the procedures and conditions of the application number 95-031. The facility is located in NW 1/4, Section 34, T14N, R66W 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

2/22/95
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

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. Waiver Granted - A waiver from the requirement that sewers crossing under streams cross within 10 degrees of perpendicular to the stream bed is granted based on the impractical circumstances and the technical information presented in support of the waiver.

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

RLE/b/50823.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-031

B. Facility Name: East Lincolnway Utility Relocation

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.

Chapter XI - No : Chapter XII - 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 9(e)(iii) - "Stream crossings shall be within 10 degrees of the perpendicular direction of the stream. Pipe shall have a minimum cover of one foot in rock, and three feet under other surfaces. The crossing shall be made with an inverted siphon or without a grade change. Pipe materials shall be steel, cast iron, or ductile iron pipe."

B. Briefly state the basis for the deviation.

The sewer pipe will be ductile iron pipe, it will not have a grade change, and it will more than meet the cover requirements. Additionally, this is only an ephemeral stream with flow only after storm events, and no other practical alternatives exist relative to the existing facilities which must be tied into.

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 III. 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/b/50823.ltr

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

April 19, 1995

Walter Thulin
P. O. Box 2871
Jackson, WY 83001

RE: As-Built Permit to Construct, WQD Reference Number 95-032

Dear Mr. Thulin:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced as-built application submitted by your engineer, Robert Norton of Nelson Engineering, Inc. Our review indicates that the application appears to meet most of the applicable DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The part of the regulations that is not met is the lack of a manhole where the six inch sewer connects to the Town of Jackson's eight inch main. This deviation is acceptable based on 22 years of satisfactory operation and the approval of the Town of Jackson.

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 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.

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/JH/nc 51723.LTR
Enclosure
xc: Sandy Buckstaff, Town of Jackson
Plans (3)

AS-BUILT
PERMIT TO CONSTRUCT

[X]

Permit No. 95-032

[ ]

[ ]

Scott and Snow King Condominiums Sewer

This permit hereby authorizes the applicant:

Walter Thulin

P. O. Box 2871

Jackson, WY 83001

to have constructed a six inch diameter sewer to serve two apartment buildings according to the procedures and conditions of the application No. 95-032. The facility is located in the SW1/4 Sec. 33, T41N, R116W in the County of Teton, 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, 250 Lincoln, Lander, WY 82520; telephone, 332-3144.

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

4-24-95
Date of Issuance

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

JH/nc 51723.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-032

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.

Yes

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.

Part B, Section 9 (d). Manholes and cleanouts. Manholes are required at all changes in horizontal alignment.

B. Briefly state the basis for the deviation.

The existing six inch line without manhole at connection to the Town's eight inch main has been in service for 22 years without problems. A manhole exists about 70 feet upgradient from connection point.

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 Applicable

JH/nc 51723.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-033
SPECIAL CONDITIONS

Steedley Septic System

This permit hereby authorizes the applicant:

Richard and Nancy Steedley
P.O. Box 112
Sundance, Wyoming 82729

to construct, install or modify a septic system according to the procedures and conditions of the application number 95-033. The facility is located in the NE/4 of the NW/4 of Section 25, Township 50 North, Range 63 West in the county of Crook, 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

2/22/95
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

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: February 21, 1995 - 50875.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-033

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

not applicable

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

January 24, 1996

Mr. Forest Selmer, P.E.
University of Wyoming
P.O. Box 3413
211 Merica Hall
Laramie, WY 82071-3413

RE: Permit Application package 95-034

Dear Mr. Selmer:

Your application package is being returned at your request presented in the response to me dated January 11, 1996.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed $10,000 per day of violation. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter III, Wyoming Water Quality Rules and Regulations must, be followed. Please contact this office for the permitting requirements for this facility if a Permit to Construct is pursued in the future.

Sincerely,

Gary Steele
District Engineer

GLS:ks
60431.ltr

UNIVERSITY OF WYOMING

Facilities Planning Office
P.O. Box 3413
211 Merica Hall
Laramie, Wyoming 82071-3413
Phone: (307) 766-2250
FAX: (307) 766-2255

January 11, 1996

To: Gary Steel
Department of Environmental Quality
122 W. 25th Street
Herschler Bldg., 4 West
Cheyenne, WY 82002

Forrest Selmer
University Engineer

RECEIVED
JAN 19 1996
95-478L
WATER QUALITY DIVISION

Re: University of Wyoming Sewage Lagoons at the Animal Science Livestock Center and the Beef Unit

The University of Wyoming wishes to address developments at the two above mentioned sewage lagoon systems.

First is the need to tie the new Animal Science Livestock Teaching Arena into the Animal Science Livestock Center's existing lagoon system. In order to accomplish this, we have looked into the existing lagoon system to see if the actual loading is close to what was originally calculated as the design included enough capacity for loadings from a future arena. The original design calculations from JMM are attached.

During the site investigation it was apparent that actual loadings were higher than anticipated as both cells of the system were full. In looking over the calculations, water meter readings and actual use patterns it was determined that actual flows for the Multipurpose and Swine Buildings (#10 and #13) are higher than anticipated. In reviewing the calculations you provided us, the calculated sewage flows were 380 GPD for building 10 and 1030 GPD for building 13. Actual measurements are 440 and 1870 GPD respectively. These actual flow increases were due mainly to increased use of the flush tanks at the Swine Building. The actual loading is modeled on the attached sheets entitled "Existing System" which show a gain of 10,699 Ft3 per year which equates to a 0.22 ft/yr. water level increase, or 1.3 ft since the structure was constructed in 1990. The present flush rates of the Swine Building cannot be realistically reduced.

Therefore it's obvious that something must be done, especially if the Teaching Arena is to be part of the lagoon system. There appears to be three options:

A. Build a bigger lagoon.
B. Get a yearly permit to drain some of the lagoon to a nearby hay meadow.
C. Reduce inflow to the lagoon by using lagoon water from the polishing pond for the Swing Building flush tanks. Please see attached sheets entitled "#13 Reduced" for a model of this.

All three options are being investigated. I cannot, at this date, tell you which option will be chosen. However, **something** will be done as the Teaching Arena will be part of the lagoon system. Also, this work will have to be complete in 1996.

In-order to proceed with construction of the Teaching Arena the University proposes that permission be granted to tie into the existing lagoon system while meeting the following conditions:

1. The sewage flow from the new Arena will be kept at approximately 130 GPD or 17,100 GPY. The original calculation show the lagoon system was sized for the future arena at 106,750 GPY. This figure was arrived at assuming 5 employees, each using 15 GPD, 5 days/week, 50 weeks per year, 30 students, each using 10 GPD for 5 days/week, 32 weeks/yr. and two events per year at 20,000 gallons each. The reduced figure assumes only 2 employees, 10 students for 3 days per week and 32 weeks per year and no major sewage events. Please see the attached sheets entitled "Loading For 1996". Actual loadings will probably be less.

2. The University will implement one or more of the three options A-C listed above by the end of 1996.

Included with this correspondence is a profile sheet for the water and sewer line for the new Teaching Arena.

The second matter concerns the lagoon system for the Beef Unit, just across Highway 230 from the Livestock Center. During the winter of 1994-5, plans were submitted to your office to modify the existing lagoon. Specifically to enlarge the lagoon and tie two additional buildings to it. Since that time, new data indicates that the seepage rate is higher than originally thought which changes the entire design. Because of the change of design, I am requesting that the application, Water Quality Reference Number 95-034 be withdrawn. The University will submit a new application reflecting the design changes.

Thank you for your consideration on these requests. If you need to contact me, I can be reached at 307-75\66-2715.

Sincerely yours,

Forrest Selmer

Forrest Selmer, PE

cc: Roger Baalman
attachments: JMM data
Existing System
#13 Reduced
Loading for 1996
enclosure: Water Line and Sewer Line Profiles

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: **U.W. Beef Research Farm**

ENGINEER: **Forrest A. Selmer**
U.W. Engineer
P.O. Box 3413
Laramie, WY 82071-3413

APPLICANT: **U.W. Trustees/CO. Physical Plant**
P.O. Box 3227
Laramie, WY 82071

WATER QUALITY REFERENCE NUMBER: 95-034

APPROVING ENGINEER: Gary Steele

DATE OF REVIEW: **February 16, 1995**

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. The lagoon is being designed as a total containment system. Why if the lagoon is for total containment is an outlet pipe being proposed for the system?

2. The plans and specifications do not appear to address the new septic tank. If the new septic tank is purchased from a pre-approved manufacturer then the plans need to indicate the name of the manufacturer. If a septic tank is to be purchased from a supplier other than those previously approved by DEQ then the plans need to include the design information and details showing that the new septic tank will meet the requirements in Chapter XI of Water Quality Rules and Regulations.

3. Is the elevation of the proposed manhole invert higher than the normal operating level of the lagoon?

4. If the existing wastewater from the lagoon is to be land applied to facilitate construction, then information showing that the wastewater meets Part E of Chapter XI needs to be provided.

5. If the existing sludge is to be land applied, then either a 503 permit must be obtained from EPA or sufficient information needs to be submitted to this office showing that the sludge meets all 503 requirements. This office requires that EPA be contacted to determine if they will issue a permit for the sludge applications. If EPA does wish to issue a permit for the land application, then this permit must be obtained prior to the State issuing a Permit To Construct.

6. The modifications to the existing septic tank must also include an ability to pump both compartments of the septic tank. The second compartment must either have a cleanout or manway extended to the ground surface.

GLS/b/50824.ltr

LAND APPLICATION PERMIT

New
X Renewal
Modified

PERMIT NO. 95-035
Ref. 94-411 & 92-351
SPECIAL CONDITIONS

Marathon Company - Rock Creek Station Road Application

This permit hereby authorizes the applicant:

Marathon Pipe Line Company
P.O. Box 2330
Casper, Wyoming 82602

to land apply 8,500 cubic yards of crude oil contaminated soil as a road application according to the procedures and conditions of the application number 95-035. The application site is located in sections 4, 9, 15, 16, 22, 23, 25, 26, 27, 35, and 36 of T20N-R78W, and section 2 of T19N-R78W in the county of Carbon, in the State of Wyoming. This permit shall be effective for a period of 6 months from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum 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

2/15/95
Date of Issuance

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

STANDARD CONDITIONS

1 of 9. The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division (DEQ/WQD) of the anticipated project commencement and completion dates with the attached post card. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: Wyoming DEQ/WQD, SW District Engineer, 250 Lincoln Street, Lander, Wyoming 82520; telephone number (307) 332-3144.

2 of 9. The permittee shall provide immediate oral and/or written notice to the Southwest District office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.

3 of 9. The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Southwest District office on the attached Certification of Completion form.

4 of 9. The permittee shall submit a contour map depicting only those sections of road that actually received contaminated soil within sixty (60) days of the project completion to the Southwest District office.

5 of 9. The review and approval of this permit is based upon the items identified int he attached Statement of Basis.

6 of 9. The contaminated soil shall be applied at a rate which will not produce runoff or ponding. Application shall not be initiated during the spring runoff period or other times when saturated soil conditions exist.

7 of 9. The application site slope shall not exceed 8 percent for vehicular application.

8 of 9. The contaminated soil application shall be terminated within 300 feet of the definable high water mark of any perennial or intermittent drainages, irrigation canals, lakes and reservoirs.

9 of 9. Contaminated soil applied to a road will be mechanically incorporated into the roadbed as it is applied. The contaminated soil shall not be applied to frozen ground and shall be incorporated into the roadbed as indicated above. The contaminated soil shall not be applied during or just prior to a major storm event.

RLE/mad 50745.LTR
Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

cc: Randy Taylor, SW District

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-035, Reference 94-411 & 92-351

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.

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 (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 road application of waste, establish 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, Ch. III. 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.)

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 contaminated soil onto the roadbed. Repeated applications of contaminated soil on the same sections of road will be monitored by roadbed analyses.

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.

Statement of Basis
95-036

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

March 7, 1995

Ms. Jackie Simmons
Mercantile Express
P.O. Box 214
Osage, WY 82723

RE: **As-Built Permit To Construct, WQD Reference Number 95-036**

Dear Ms. Simmons:

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 and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the vapor leak detection wells which have already been installed.

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.

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/SF/nc 51059.LTR
Enclosure
cc: Pat Jordan, AUST Program Principal

AS - BUILT
PERMIT TO CONSTRUCT

[X] New

Permit No. 95-036
*** CONDITIONED ***

[ ] Renewal

[ ] Modified

Mercantile Express Vapor Leak Detection Wells
(Name of Facility)

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

Mercantile Express (Jackie Simmons)

Underground Storage Tank Facility No. 3435

P.O. Box 214

Osage, WY 82723

to have constructed four vapor leak detection wells according to the procedures and conditions of the application No. 95-036. The facility is located in SE Section 9, T48N, R65W in the County of Weston, 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 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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 1043 Coffeen Avenue, Suite D; telephone, 672-6557.

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

3-8-95
Date of Issuance

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

SPECIAL CONDITIONS

1. of 9. The vapor detection wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 95-036. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2. 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 ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.

3. 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. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

4. of 9. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.

5. of 9. Automatic vapor detection equipment specifications shall be made available to the department for review.

6. of 9. Keys for the locked vapor detection wells shall be kept on-site at all times.

7. of 9. The vapor leak detection wells must be sampled at least every thirty (30) days as required under Chapter XVII, Section 14 of the Water Quality Rules and Regulations (WQRR). The measurement of vapors in the vapor leak detection wells must be capable of detecting any significant increase in concentration above background of the regulated substance stored in the tank system. The measurement of vapors must not be rendered inoperative by groundwater, rainfall, or soil moisture.

8. of 9. The results of any sampling, testing, or monitoring must be maintained for at least three (3) years. All testing records shall be made available to the Department for review upon request.

9. of 9. If monitoring results from the vapor leak detection wells indicate a release may have occurred, the owner or operator of the underground storage tank (UST) system must notify the department orally within 24 hours. The owner or operator must take measures to investigate and confirm all suspected releases within seven (7) days of detection as required under Chapter XVII, Section 21 of the WQRR.

SF/pr:03/06/95 /nc 51059.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-036

B. Facility Name: Mercantile Express

C. Facility ID No.: 3435

II. Application reviewed for compliance with the following regulations.

A. Chapter XVII. YES

B. Chapter XI. 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 based on deviation from applicable regulations in accordance with approved policy statement.

YES

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.

Special condition No. 2 addresses the variance from Chapter XI, Section 63(A) for a surface seal.

B. Briefly state the basis for the deviation.

Vapor wells installed at the site are too shallow to comply with the stated regulation. The vapor wells are installed within a concrete apron and therefore have a sufficient surface seal.

V. Documentation of Statement of Basis.

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

SF/pr:03/06/95 /nc 51059.LTR

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

ADMINISTRATION	ABANDONED MINES	AIR QUALITY	INDUSTRIAL SITING	LAND QUALITY	SOLID & HAZARDOUS WASTE	WATER QUALITY
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FAX 777-7682	FAX 634-0799	FAX 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

February 22, 1995

Mr. Kirk Weber
Encoal Corporation
P.O. Box 3038
Gillette, WY 82717-3038

RE: As-Built Permit To Construct,
Monitor Well P-7 For Encoal
Temporary Precipitate Storage Reservoir (TPSR),
DEQ/WQD Application 95-037

Dear Mr. Weber:

The Department of Environmental Quality, Water Quality Division (DEQ/WQD) has reviewed the referenced as-built application for the construction of a monitor well for groundwater monitoring at the Encoal TPSR facility. Our review indicates the application appears to meet the overall intent of the DEQ/WQD regulations. An as-built permit to construct is hereby issued and enclosed.

Please be advised that the monitor well 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 as-built permit. You are urged to be familiar with all aspects of the permit application, permit, and permit conditions.

Any person objecting to an action by 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.

Yours truly,

Dennis Hemmer
Director
Department of Environmental Quality

DH/DRM/pr

Enclosures: As-Built Permit 95-037
Rules of Practice and Procedure

xc: Joe Gerlach, ATC, 1030 N.Main, Ste 210A, Sheridan, 82801
Don Crecelius, DEQ/LQD, Sheridan
Sheridan District File 95-037

AS - BUILT
PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 95-037
SEE AS-BUILT PERMIT CONDITIONS

ENCOAL TEMPORARY PRECIPITATE STORAGE RESERVOIR (TPSR) MONITOR WELL P-7

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

Encoal Corporation
P.O. Box 3038
Gillette, WY 82717-03038

to have constructed a monitor well according to the procedures and conditions of the application 95-037. The facility is located in the SW/4 of the SW/4 of Section 33 of Township 52 North Range 72 West in the County of Campbell in the State of Wyoming.

The issuance of this permit provides that the 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 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 (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.

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 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

2/28/95
Date of Issuance

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

AS-BUILT PERMIT CONDITIONS

1 of 3 The DEQ/WQD review and approval of this as-built permit is based upon the items identified in the attached "Statement of Basis".

2 of 3 The monitor well shall be sampled pursuant to Table MP-I-16 of the DEQ, Land Quality Division (LQD) permit 500-T4 Addendum MP-I for consistency with the existing TPSR facility monitor wells. The submittal of monitoring data through the DEQ/LQD office in Sheridan for DEQ/WQD review is acceptable.

3 of 3 The monitor well shall be abandoned according to Part G of Chapter XI of the Wyoming Water Quality Rules and Regulations.

DRM/pr:02/22/95

Attachments: Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-037

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 from 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:

Up-gradient monitor well P-7 was constructed to provide additional hydrologic monitoring data at the Encoal TPSR facility. There will be no discharges to groundwater associated with the construction and operation of this monitor well.

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) of 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 the 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.

Please refer to the DEQ/WQD permits to construct 90-432 and 91-167 and the DEQ/LQD permit 500-T4 Addendum MP-I for details on the Encoal TPSR groundwater monitoring system.

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.

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

February 15 1995

University of Wyoming
ATTN: Chris Floy
P.O. Box 3227
Laramie, WY 82071

RE: As-Built Permit To Construct, WQD Reference Number 95-038

Dear Mr. Floy:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Forrest Selmer, P.E. Our review indicates that the vapor monitor wells may be used for the underground storage tanks (USTs) containing regular and unleaded gasoline, but not for the UST containing diesel fuel. An alternative method of leak detection must be used immediately for the 2,000 gallon diesel tank in operation at this facility. The enclosed permit has been issued for the gasoline tank leak detection vapor monitor wells that 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 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.

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/DG/nc 50785.LTR
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

[X] New

Permit No. 95-038
SEE SPECIAL CONDITIONS

[] Renewal

[] Modified

University of Wyoming Fleet Operations Auto Shop #2274
(Name of Facility)

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

University of Wyoming
P.O. Box 3227
Laramie, WY 82071

to have constructed vapor monitor wells for the purpose of UST leak detection for tanks containing regular and unleaded gasoline only according to the procedures and conditions of the application No. 95-038. The facility is located in NE¼ Sec. 33, T16N, R73W in the County of Albany, 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: AUST/LAUST

Permit to Construct #95-038

Southeast District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Bldg. 4 West, Cheyenne, WY 82002,

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

2-23-95
Date of Issuance

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

P:50007.DOC

CONDITIONS FOR VAPOR DETECTION WELLS

1 of 14. The vapor detection wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 95-038. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2 of 14. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.

3 of 14. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

4 of 14. This permit covers vapor wells used for leak detection on regular and unleaded gasoline USTs only.

5 of 14. 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.

6 of 14. In addition to the well construction information submitted with the permit application, the following items relating to well construction must be addressed when the well are installed:

a. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;

b. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;

c. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval; and

7 of 14. Automatic vapor detection equipment specifications shall be provided to the department for review.

8 of 14. Keys for the locked vapor detection wells shall be kept on-site at all times.

9 of 14. Background vapor concentrations shall be monitored for a minimum of one week prior to introduction of fuel into the underground storage tanks. Background vapor concentrations shall be reported to the Department of Environmental Quality (DEQ) within 15 days of recording.

10 of 14. Vapor wells shall be checked for the presence of vapors at least once every 30 days and the results recorded. The records for the previous three (3) years shall be retained by the owner/operator and made available to the Department for review.

11 of 14. If vapor concentrations are detected at any time, the DEQ/WQD shall be immediately notified and confirmation of a release accomplished within 7 days.

12 of 14. The vapor detection wells shall be placed no more than 40 feet apart along all lines.

13 of 14. Flexible joints are requested to be installed for all line joints.

14 of 14. Perforations in the vapor wells located within the line trenches shall extend upward to the level of the lines.

DG/nc 50785.LTR

THE STATE OF WYOMING

JIM GERINGER
GOVERNOR

Department of Environmental Quality

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

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

February 15, 1995

University of Wyoming
ATTN: Chris Floy
P.O. Box 3227
Laramie, WY 82071

RE: As-Built Permit To Construct, WQD Reference Number 95-039

Dear Mr. Floy:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Forrest Selmer, P.E. 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 leak detection vapor monitor wells that 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 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.

Sincerely,

Dennis Hemmer
Director
Department of Environmental Quality

DH/DG/nc 50784.LTR
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

[X] New

Permit No. 95-039
SEE SPECIAL CONDITIONS

[] Renewal

[] Modified

Jelm Mountain Snow-CAT Storage Facility #3198
(Name of Facility)

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

University of Wyoming
P.O. Box 3227
Laramie, WY 82071

to have constructed vapor monitor wells for the purpose of UST leak detection according to the procedures and conditions of the application No. 95-039. The facility is located in SW¼, Sec. 26, T13N, R77W in the County of Albany, 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: AUST/LAUST Southeast District Supervisor, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Bldg 4 West, Cheyenne, WY 82002

Permit to Construct #95-039

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

2-23-95
Date of Issuance

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

P:50007.DOC

CONDITIONS FOR VAPOR DETECTION WELLS

1 of 13. The vapor detection wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 95-039. Additional wells meeting the requirements of the application and this permit may be installed if prior approval is received from the Water Quality Division (WQD).

2 of 13. Pursuant to Wyoming Water Quality Rules and Regulations, Chapter XI, Section 63(A), a deviation is hereby granted for those wells prevented by physical limitations to adherence to the requirements on minimum depths of seal below ground surface as detailed in Chapter XI, Part G. However a sufficient seal shall be installed according to normal engineering practice.

3 of 13. After the monitoring wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70

of Wyoming Water Quality Rules and Regulations. Within 15 days after a well has been plugged and abandoned, the owner shall file a plugging record with the WQD.

4 of 13. Well caps shall be kept locked at all times other than for monitoring purposes. Any tampering with the monitor wells shall be reported immediately to the division. The wells shall be clearly numbered.

5 of 13. In addition to the well construction information submitted with the permit application, the following items relating to well construction must be addressed when the well are installed:

a. The borehole diameter shall be at least four inches larger in diameter than the casing diameter;

b. If PVC casing is used, only threaded PVC casing is acceptable. Under no circumstances are PVC glue or plastic welding solvents to be used to join casings;

c. To minimize the entrance of fine-grained material into the well, the filter pack shall be designed to be compatible with the perforation size and the geologic materials encountered within the perforated interval; and

6 of 13. Automatic vapor detection equipment specifications shall be made available to the department for review.

7 of 13. Keys for the locked vapor detection wells shall be kept on-site at all times.

8 of 13. Background vapor concentrations shall be monitored for a minimum of one week prior to introduction of fuel into the underground storage tanks. Background vapor concentrations shall be reported to the Department of Environmental Quality (DEQ) within 15 days of recording.

9 of 13. Vapor wells shall be checked for the presence of vapors at least once every 30 days and the results recorded. The records for the previous three (3) years shall be retained by the owner/operator and made available to the Department for review.

10 of 13. If vapor concentrations are detected at any time, the DEQ/WQD shall be immediately notified and confirmation of a release accomplished within 7 days.

11 of 13. The vapor detection wells shall be placed no more than 40 feet apart along all lines.

12 of 13. Flexible joints are requested to be installed for all line joints.

13 of 13. Perforations in the vapor wells located within the line trenches shall extend upward to the level of the lines.

DG/nc 50784.LTR

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 95-040
*** CONDITIONED ***

Tippetts Septic Tank/Leach Field
(Name of Facility)

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

Dean Tippetts

16 Circle Drive

Lovell, WY 82431

to construct a septic tank/leach field for a five bedroom house according to the procedures and conditions of the application No. 95-040. The facility is located in Lot 77, T56N, R96W Resurvey 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

3/6/95
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.

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/nc 51034.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-040

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

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.

---

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

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.

JH/jm/nc 51034.LTR

PERMIT TO CONSTRUCT

[X] New

Permit No. 95-041R
*** CONDITIONED ***

[] Renewal

[] Modified

SF Phosphates L.C. Gypsum Storage Impoundment
(Name of Facility)

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

SF Phosphates L.C.
P.O. Box 1789
Rock Springs, WY 82902

to construct a liner raising on the upgradient side of the gypsum storage impoundment an additional 6-feet to elevation 6,655 msl, and continued raising of the gypsum stacks as engineered by SF Phosphates according to the procedures and conditions of the application No. 95-041R. The facility is located in S16 & 17 T18N R104W 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

4-6-95
Date of Issuance

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

RT/jm - 51496.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: 95-041R

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

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.

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

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

1. Impoundment area is contained by a synthetic liner.

2. On the downgradient side of impoundment the water table is depressed and pumped back into the pond as a means of capturing potential downgradient releases. Since 1985 the groundwater has also been monitored from four wells below the pump back collection trench and from the collection trench without identification of influence from the impoundment.

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

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. 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.

See also item VI (A) above. Groundwater monitoring results are compared with historical records to observe changes. The wells and monitoring parameters are as established in previous permits and past practice. Parameters monitored are as follows: conductivity, pH, C1, F, SO4, A1, Cd, Cr, Cu, V, Gross alpha pci/1, and TDS.

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. 95-042R
*** CONDITIONED ***

Westland Way, Phase I
(Name of Facility)

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

Gateway, Inc.

79 Winston Drive

Rock Springs, WY 82901

to construct a 8" water distribution line extension and an 8" wastewater collection line extension according to the procedures and conditions of the application No. 95-042R. The facility is located in SE¼ S33 and SW¼ S34 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
Dept. of Environmental Quality

3-7-95
Date of Issuance

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

RT/b/51070.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: 95-042R

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

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.

RT/b/51070.ltr

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

PERMIT TO CONSTRUCT

[X] New

[] Renewal

[] Modified

Permit No. 95-043
* CONDITIONED *

Edgar, Thorpe, and "F" Street Utility Reconstruction
(Name of Facility)

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

Green River-Rock Springs-Sweetwater County

Joint Powers Water Board

P.O. Box 1299

to construct water and sewer line replacements according to the procedures and conditions of the application No. 95-043. The facility is located in NE¼ and NW¼ S36 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
Dept. 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.

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 51103.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-043

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

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.

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

PERMIT TO CONSTRUCT

[X] New

[ ] Renewal

[ ] Modified

Permit No. 95-044
*** CONDITIONED ***

Alpine Mountain Townhomes
(Name of Facility)

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

Reno Brown

P.O. Box 561

Wilson, WY 83014

to construct a about 120 LF of 6 inch diameter PVC sewer line and manholes according to the procedures and conditions of the application No. 95-044. The facility is located in NE¼ Section 33, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
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.

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 51128.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-044

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.

NOT

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.

JH/jyi/nc 51128.LTR

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-045
SPECIAL CONDITIONS

MISCELLANEOUS WATERMAIN AND FIRE HYDRANT PROJECT

This permit hereby authorizes the applicant:

City of Casper
200 North David
Casper, WY 82601
Attention: Mr. Hal Hutchinson

to construct, install or modify water mains and fire hydrants according to the procedures and conditions of the application number 95-045. The facility is located in the NE/4 and SE/4 of Section 2 of T33N R80W, the SE/4 of Section 23 of T33N R80W, the NW/4, SE/4, and SW/4 of Section 10 T33N R79W, the NE/4 and NW/4 of Section 11 of T33N R79W, and the NW/4 of Section 16 of T33N R79W 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 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 representative in your area can be contacted at the following address: Northeast District Office, State of Wyoming, DEQ, Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, Wyoming 82801; telephone (307) 672-6457; FAX (307) 674-6050.

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 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 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 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 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

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".

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-15-95
Date of Issuance

DRM/pr:08/10/95
b/53532.ltr
cc: Mr. Colin Cunningham, WLC, 200 Pronghorn, Casper, 82601
Northeast District File

STATEMENT OF BASIS

General information.

A. Permit Number: 95-045

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[1]. (Indicate either applicable or not applicable. If not applicable delete all of Section VI. from the Statement of Basis.)

N/A

VI. 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.

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 Donald R. McKenzie, Northeast District Engineering Supervisor, and completed on August 10, 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."

DRM/b/53532.ltr

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

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-046
SPECIAL CONDITIONS

Town of Sundance, E. Main Water & Sewer Improvements, 1995

This permit hereby authorizes the applicant:

Town of Sundance
P.O. Box 542
Sundance, Wyoming 82729

to construct, install or modify a sewage collection system and water distribution system according to the procedures and conditions of the application number 95-060. The facility is located in Section 13, Township 51 North, Range 63 West in the county of Crook, 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

3/6/95
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

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:March 3, 1995 /nc 51033.LTR

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-046

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.

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 XII Section 14.(c) requires valve spacing not to exceed 800 feet.

B. Briefly state the basis for the deviation.

The number of users per length waterline is low. The maximum valve spacing is approximately 900 feet as proposed. The proposed waterline is designed to allow for a minimum of interruption to users during construction.

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

not applicable

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.

BDM/pr:March 3, 1995 /nc 51033.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-047
SPECIAL CONDITIONS

Skyline Drive (between Marshall and Weaver) Water Improvements

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
2100 Pioneer
Cheyenne, Wyoming 82001

to construct, install or modify a water main according to the procedures and conditions of the application number 95-047. The facility is located in SE 1/4 Section 18 T14N R66W 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

3-1-95
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 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

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".

RLE/nc 50966.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-047

B. Facility Name: Skyline Drive (between Marshall and Weaver) Water Improvements

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, Chapter III. 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/nc 50966.LTR

PERMIT TO CONSTRUCT

[X] New

Permit No. 95-048R
*** CONDITIONED ***

[ ] Renewal

[ ] Modified

Lander Industrial Park Water & Sewer Extension
(Name of Facility)

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

City of Lander

210 Lincoln Street

Lander, WY 82520

to construct 225 L.F. of 8 inch PVC water main with fire hydrant and 350 L.F. of 8 inch PVC sewer with manhole according to the procedures and conditions of the application No. 95-048R. The facility is located in SE1/4, Sec. 20, T33N, R99W in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

allowed under this permit. The permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

4-6-95
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.

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/j/nc 51432.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-048R

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.

N0

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 Applicable

JH/j/nc 51432.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-049
SPECIAL CONDITIONS

Golf Course Road Booster Station & Kendrick Golf Course Water Line

This permit hereby authorizes the applicant:

Sheridan Area Joint Powers Board
224 South Main Street, Suite B1W
Sheridan, Wyoming 82801

to construct, install or modify a water distribution system and booster pump station according to the procedures and conditions of the application number 95-049. The facility is located in the NW/4 of Section 32, 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 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

3-17-95
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 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 5. 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

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. An O&M Manual for the booster pump station shall be provided to the Sheridan District Office for approval prior to the operation of the booster pump station.

BDM/pr: 03/13/95
b/51157.ltr
Attachments: Notification Post Card
Certification of Completion Form
Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-049

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) Chapter XII Section 12.(l) states pump stations shall have two (2) pumps.

2) Chapter XII Section 14.(c) states maximum valve spacing shall be 800 feet to minimize inconvenience and sanitary hazards.

B. Briefly state the basis for the deviation.

1) The pump station will operate only during peak demand periods that are expected to occur infrequently. The proposed pump is the same that is used in 14 other pump stations in the Sheridan Area Water Project. If the pump fails one of the redundant pumps could be used temporarily until repairs are made.

2) The number of users per length of waterline is low. The addition of a valve to meet this regulation will not significantly improve convenience and/or sanitary protection. In the event that the number of users significantly increases, valves shall be provided to meet WWQRR. This deviation has been granted previously for similar projects.

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

not applicable

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.

BDM/b/51157.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-050
SPECIAL CONDITIONS

Big Goose Valley 16" Transmission Mains Connection

This permit hereby authorizes the applicant:

Sheridan Area Water Supply Joint Powers Board
224 S. Main Street, Suite B1W
Sheridan, Wyoming

to construct, install or modify a water transmission system according to the procedures and conditions of the application number 95-050. The facility is located in the NW/4 of Section 33, 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 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

2/28/95
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

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:02/24/95 - 50926.ltr

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

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-050

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, 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

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.

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