PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-301
SPECIAL CONDITIONS

Max Priebe (Residential Septic System)

This permit hereby authorizes the applicant:

Nancy D. & Max E. Priebe
20 Owens Dr.
Wheatland, WY 82201

to install a residential septic system according to the procedures and conditions of the application number 95-301. The facility is located in SW 1/4 Section 33, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

The issuance of this permit 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.

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

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

7-20-95
Date of Issuance

GLS/mad 53103.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-301

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. 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.)

---

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

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 Gary Steele, Southeast District Engineer, and completed on July 18, 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."

51931.DOC

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-302
SPECIAL CONDITIONS
REF/PERMIT #

Glen & Sheryl Flyr (Residential Septic System)

This permit hereby authorizes the applicant:

Glen E. Flyr
P.O. Box 75
Guernsey, WY 82214

to install a residential septic system according to the procedures and conditions of the application number 95-302. The facility is located in NE 1/4 Section 27, T27N, R66W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-2-95
Date of Issuance

GLS/b/53225.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-302

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

---

[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 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.

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 July 24, 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."

GS/b/53225.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

September 22, 1995

Mr. Tom Brehm
TG Soda Ash, Inc.
P.O. Box 100
Granger, WY 82934

RE: Construction of Pond No. 3 Dike Dewatering System
Reference (Permit) Number 95-303
Sweetwater County, Wyoming

Dear Mr. Brehm:

Please find attached a DEQ/WQD Groundwater Pollution Control (GPC) review form which authorizes Permit to Construct #95-303, a Dewatering System for Pond No. 3 Dike. The authorized permit is subject to a number of conditions.

Please contact me directly should you have any questions regarding this review and permit.

Sincerely,

Keith L. Estenson
Engineering Evaluator
Water Quality Division

KE/nc 54280.LTR
XC: File: Texas Gulf Trona, Sweetwater
1995 Southwest District Review Forms
1995 Southwest District Running Record
Chronological
Application for Permit to Construct (3)
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Alan Guile, LQD, Lander
Enclosure: GPC Program Review Form
KLE C:\FILES\WP\SITES\TGSODA\95-303.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-303
SPECIAL CONDITIONS

TG SODA ASH POND NO. 3 DIKE DEWATERING SYSTEM

This permit hereby authorizes the applicant:

TG SODA ASH, INC.
P.O. BOX 100
GRANGER, WYOMING 82934

to CONSTRUCT A DEWATERING SYSTEM FOR POND NO. 3 according to the procedures and conditions of the application number 95-303. The facility is located in T20N R110W, NE & NW 1/4 SEC 6 AND NW 1/4 SEC 5 in the county of SWEETWATER, in the State of Wyoming. This permit shall be effective for a period of FIVE (5) years from the date of issuance of this permit.

The issuance of this permit 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 authc. 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 14 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 14 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 14 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, certified by an engineer if appropriate.

4 of 14 The groundwater recovery wells shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in Permit to Construct application number 95-303. Additional wells meeting the requirements of this permit may be installed if prior approval is received from the Water Quality Division (WQD).

5 of 14 Recovery well construction must meet the requirements of Chapter XI Wyoming Water Quality Rules and Regulations. Well casings shall meet the conditions provided in Chapter XI, Section 67. All wells must be constructed from materials free of material having the potential to contaminate groundwater samples.

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

7 of 14 After the recovery wells have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. No well shall be abandoned without prior approval from the Water Quality Division.

8 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 using either a stamp to permanently engrave the number into the steel top or by writing the number in the wet concrete of the base.

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

10 of 14 In addition to the well construction information submitted with the permit application, the following items relating to well construction shall be implemented when the wells are constructed, installed and developed:

a. When PVC casing is used, the casing shall be installed using threaded joints, couplings, or mechanical connectors without the use of solvents or glues to hold the casing sections together;

b. 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. The filter pack shall extend to a minimum of one (1) foot above the screened interval;

c. Filter pack, annular seal, and surface seal material shall be entered into the well/piezometer in a manner such that no voids or bridging occur;

d. After the bentonite has been placed, it shall be hydrated to ensure a proper seal; and

e. A protective casing shall be cemented into place when the upper one (1) foot of the annular space is completed with cement, forming a concrete apron sloping away from the well.

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

12 of 14 The effectiveness of the proposed dewatering system shall be monitored utilizing the existing monitor wells and monitoring program. A discussion and conclusion of the monitor results shall be submitted in the Land Quality Division Annual Report.

13 of 14 Water which is collected during well development or sampling must be disposed of properly.

14 of 14 The review and approval of this permit is based upon the items identified in the attached "GROUNDWATER POLLUTION CONTROL PROGRAM REVIEW COMMENTS".

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

9/26/95
Date of Issuance

KLE/nc 54281.LTR

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

250 Lincoln Street
Lander, Wyoming 82520
(307)332-3144

PROJECT: CONTAINMENT (Dewatering System)

APPLICANT: Tg Soda Ash, Inc.
P. O. Box 100
Granger, WY 82934

ENGINEER/ CONSULTANT: Kenneth E. Temme
Huntingdon Engineering & Environmental, Inc.
605 North Warehouse Road
Casper, WY 82601

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 95-303

_ EXISTING **_X_ NEW** **_ AS BUILT**

TITLE: Tg Soda Ash Pond No. 3 Dike Dewatering System

_X_ PLANS **_X_ SPECS** **_X_ PROPOSAL** **_X_ REPORT**
[Check all that APPLY]

DATE ON PROPOSAL/PLANS/REPORT: Date stamped 7/20/95

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT? _X_ NO _ YES [PERMIT #]

AN LOV, NOV OR OTHER ENFORCEMENT? _X_ NO _ YES [DATE]

REVIEWING ENGINEER: **Keith L. Estenson**

DATE OF THIS REVIEW: September 22, 1995

ACTION: **AUTHORIZED**

COMMENTS: GROUNDWATER SECTION

1.0 SUMMARY OF EXISTING CONTAMINATION:

Groundwater at the TG Soda Ash site has been impacted by seepage of the process water containment ponds. Interceptor and pumpback systems are in place to reduce seepage impacts (the Dewatering System Design Report has a good discussion of the site history, as well as site geology and hydrogeology).

However, subsequent raising of the Tailings Pond No. 3 embankment has increased the downstream seepage. The seepage has caused two concerns: (1) the wet subsoil conditions will impact construction of the next scheduled raising of the embankment, and (2) the seepage has created an environmental concern.

The goal of this project is to install a dewatering system to address the seepage concerns. The dewatering system will consist of six wells with depths of 35 to 60 feet, penetrating the permeable zone. Each well will contain a Grundfos stainless steel submersible pump, each pumping at 40 to 100 gpm (415 gpm total). The recovered water will be piped over the embankment and discharged back into the pond.

2.0 CONCLUSION OF ADEQUACY OF WORK COMPLETED TO DATE:

A groundwater interceptor was installed downgradient (north) of the proposed system in 1987. The Dewatering System Design Report states that the current system has operated for over eight years and lowered the water levels in the aquifer by up to eight feet. The proposed system will be placed between the pond and the current interceptor system.

Huntingdon was hired by TG Soda Ash to design the dewatering system. Huntingdon reviewed the previous investigations and annual reports of the existing systems. Thirty-seven borings were then drilled and/or cored to depths of 20 to 200 feet, logged, and sampled for conductivity and temperature measurements. Aquifer tests (step-drawdown tests, 24 hour constant-rate pumping tests, and seven-day constant-rate pumping tests) were conducted between three wells. Water level data were also recorded during the tests using data loggers and pressure transducers. Specific capacities were determined at various pumping rates to determine optimal pumping rates for the system. Values of transmissivity, hydraulic conductivity and storage coefficient for the aquifer were determined. The model, MODFLOW, was calibrated to the site conditions to determine the most effective locations and pumping rate for the dewatering wells.

The Dewatering System Design Report states that a heavily fractured and weathered zone underlies the soils, starting at a depth of one foot from surface. The weathered zone varies in thickness from 21 to 33 feet. The groundwater in the area flows to the north, with a steep hydraulic gradient due to recharge (seepage) from Pond No. 3. The gradient flattens to 0.005 foot/foot within 1000 feet north of the embankment.

3.0 REQUESTS/REQUIREMENTS/RECOMMENDATIONS:

Several issues not addressed in the Dewatering System Design Report were discussed during a phone conversation with Tom Brehm (TG Soda Ash) on September 22, 1995. The issues included line tests, bedding of lines, system monitoring, plugging of test borings/wells, gravel pack sizing, and construction detail of the wells.

Tom stated the following:

1. The flow line will be placed down the center of the road, at depth as noted in the plans, and will be properly bedded in concrete sand. The line will be hydrostatically tested before placing on-line;

2. The gravel pack was sized by Huntingdon, and is typical of previous gravel packs;

3. The borings and test wells have been plugged by backfilling with bentonite chips; and,

4. The effectiveness of the system will be monitored by fourteen monitor wells immediately downgradient of the system. There are also piezometers placed on the dike itself. The monitor program will be identical to the monitor program of the existing recovery systems, and the results and discussion will be incorporated into the Land Quality Division Annual Report.

The following areas of concern will be included as permit conditions of Permit to Construct, Number 95-303:

1. the need to monitor the effectiveness of the system, and

2. additional well construction details.

Each condition of the permit was reviewed with Tom.

END OF REVIEW

KE/nc 54282.LTR
XC: File: Texas Gulf Trona, Sweetwater Co.
1995 Southwest District Review Forms
1995 Southwest District Running Record
Chronological
Application for Permit to Construct (3)
Kevin Frederick, Supervisor, GPC Program, WQD/Cheyenne
Alan Guile, LQD, Lander

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 20, 1997

Russ and Patricia Fraser
3453 Southfork Road
Cody, WY 82414

RE: Double Diamond X Septic System
Application 95-304
Park County, Wyoming

Dear Mr. and Mrs. Fraser:

Your application is considered inactive and is being returned to you under the assumption that you do not wish to proceed with the permitting process.

This project has not been issued a permit, under any Water Quality Division program. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed $10,000 per day of violation. If this project has been constructed, it is your responsibility to immediately contact this office and follow through with the permitting process. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter IX, Water Quality Rules and Regulations must be followed.

Incidentally, the Water Quality Division is in the process of writing a new Chapter XVI which will replace Chapter IX in regulating large capacity septic systems. The draft chapter will be made public next month. You may wish to become involved in this process through your right to comment on the new regulations. If you wish to obtain information on that rule making effort, please contact me.

Comments on the proposed rules can be sent in at any time up through the final adoption of the rules by the Environmental Quality Council.

Sincerely,

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

RFL:ks
70961.ltr

xc: Richard E. Myrick, 1508 Stampede Avenue, P.O. Box 338, Cody, WY 82414

Park County Planning Coordinator
1002 Sheridan Avenue
Cody, WY 82414

Jeff Hermansky, Lander Office

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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

November 24, 1995

Russ and Patricia Fraser
3453 Southfork Road
Cody, WY 82414

RE: Double Diamond X Septic System
Application 95-304
Park County, Wyoming

Dear Mr. and Mrs. Fraser:

Large scale disposal of sanitary waste into leachfields after partial treatment in a septic tank poses risks to drinking water sources which are not always well understood. Within Wyoming, large scale septic systems have been responsible for high levels of nitrates, coliform bacteria, and even typhoid bacteria being present in drinking water wells. As a result of such contamination, residents of one trailer park in Cheyenne have been required to drink bottled water for many months. Drainage from such systems has been responsible for contaminated water supplies at numerous sites throughout Wyoming and the nation. This situation lead to the creation of regulations specifying how and where such systems could be installed. The Water Quality Division was specifically created to deal with pollution of the state's resources, and has promulgated regulations specifying system capacity, sizing of various components, and separation distances in 1984. Regulations dealing with the direct impacts to groundwater were promulgated in 1980. The underground injection control program is the logical program to deal with this system since this program was specifically designed to deal with groundwater impacts from direct discharges.

It was a pleasure to meet you both on Friday, November 17, 1995. As a result of the discussion that we had at that time, this department will accept any one of the following in compliance with Chapter III, Section 15 groundwater monitoring requirements:

1. Groundwater monitoring wells drilled within 10 feet of the edge of the proposed drainfield and completed below the base of the drainfield. Surface seals should be installed to a depth of at least 2 feet below the base of the drainfield. This will allow monitoring of the effluent after it has left the drainfield and before it reaches the water table.

2. A single well completed in the middle of the proposed drainfield and surface sealed to at least 3 or 4 feet below the base of the drainfield. This will allow monitoring of the effluent after it leaves the drainfield and before it reaches the groundwater table.

Either of the above are options in addition to options included in previous correspondence. It is my belief that either of these monitoring systems will provide for groundwater protection at much less than the cost of monitoring schemes previously proposed.

Sincerely,

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

RFL/bb/55333.ltr

Enclosure: Trip report

cc: Richard E. Myrick, 1508 Stampede Avenue, P.O. Box 338, Cody, WY 82414

Park County Planning Coordinator
1002 Sheridan Avenue
Cody, WY 82414

Jeff Hermansky, DEQ, Lander Field Office

MEMORANDUM
UNDERGROUND INJECTION CONTROL PROGRAM
WATER QUALITY DIVISION
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

MEMO TO: Jake Strohman

FROM: Robert Lucht

DATE: November 21, 1995

SUBJECT: Trip report, Trip Casper, Cody and Powell, November 15-18, 1995

1. On Wednesday, November 15, 1995 at 11:00 AM picked up S-1192 and left Cheyenne. Arrived at Platte Pipe Line Company in Casper at 14:00. Met a contract driller on location working under contract with Handex. Witnessed the drilling of sparge well A-10 and the installation of the pipe. Took pictures of everything and sampled the cuttings. Cuttings were fine sand except for the Cody Shale in the bottom 6 inches of the hole. Transmissivity should be fairly high in this material. Finished inspection and drove to Worland from 16:00 to 18:30.

2. At 08:00 on Thursday, November 16, 1996 left Worland and arrived at Mead Repair Service at 08:40. The purpose of this visit was to determine the status of this case, since certified letters had been received by the Meads but not answered for over a year. Richard and Stephanie Mead were not there when I arrived, but one of the mechanics contacted them. Mr. Mead said it would be about an hour until he returned from a service call. I asked him if he minded if I looked around and photographed a few things while he was still on his way. He said to go ahead. Located the monitor well in the drainfield, the former drinking water well and the sump inside the building. Photographed everything. Richard and Stephanie Mead arrived around 9:30. He showed me an analysis of water in the monitor well taken June 29, 1994, right after the well was drilled. He said that this sample was taken without first purging the well and represented only about 6" of water in the well. The well is 60' deep and is completed below the drainfield with the surface sealed to below the drainfield. This analyses, Intermountain Laboratories Certificate Number 0194-09521 showed the following results:

PARAMETER	UNIT	MCL (1)	CLASS I (2)	RCRA LIMIT(3)	VALUE PRESENT
Arsenic	mg/l	0.050	0.050	5.0	.036
Cadmium	mg/l	.005	.010	1.0	.029
Chromium	mg/l	0.100	0.050	5.0	1.12
Lead	mg/l	0.050	0.050	5.0	5.18
Mercury	mg/l	0.002	0.002	0.20	<.001
Selenium	mg/l	0.05	0.01	1.0	2.05

(1) The MCL is the Maximum Contaminate Level allowed in drinking water by the US EPA. For water, the unit mg/kg is equal for all practical purposes to the unit mg/l which is the unit that the standards are published in.

(2) The class I standard is the maximum amount allowed in class I groundwater under regulations published in Chapter VIII, Water Quality Rules and Regulations.

(3) The RCRA Limit is the amount of a contaminant detected using a TCLP test which defines the lower limit of a Toxic Hazardous Waste. Any number present at a level higher than this limit indicates that the material tested is, in and of itself, a hazardous waste.

I discussed the significance of the above numbers and Mr and Mrs. Mead agreed to sample the former domestic use well at the Northwest corner of their building and an irrigation well to the east of the building that they control. Mr. Mead said he has already had a new sample taken since my last letter and the laboratory will analyze it shortly. This most recent sample was taken from 7 feet of standing water in the well after the well was properly purged. I discussed the possibility that this new sample would also show these very high values, an suggested that if it does they might want to have a sample field filtered to determine if the metals were present as particulate or as dissolved fractions. They didn't were present as particulate or as dissolved fractions. They didn't have a way to copy this analyses and I didn't want to take the only copy, so I just wrote these values down and put them in the file. This rig was drilled by a commercial water well driller, not an environmental consultant. It is possible that the lead, at least, was introduced in advertently from pipe dope during the drilling.

3. At 11:00 I left for Cody, arriving at Cody Lumber Company on 2AB Road at 12:30. Spent a few minutes in the truck organizing the remainder of the day. Met Mr. Van Largent at 13:00. He showed me the industrial sump which is now plugged and abandoned. Photographed the plug. No samples of the waste were taken even though that was the purpose of the visit. It appeared to be of little relevance to sample muddy water being hauled periodically to the city WWTF. Toured the mill which is an impressive operation. This mill saws lumber and produces rough and planed lumber and millwork. All of the waste is sold as either sawdust, chips, or ornamental bark. It appears to be a very clean operation. Finished tour at 14:00.

4. At 14:00 left and arrived at Boswell Taxidermy at 2319 Big Horn Avenue in Cody. Mike Boswell is no longer the owner and the new owner now calls this place Big Horn Taxidermy. New owner is Dean Rogers. He said there was a permit issued by this department in or about 1982 for the septic system. There was no sampling port on the septic tank and the drywell inside did not have sufficient standing water to sample. Again, no samples were taken on this site even though I came prepared to sample. Mr. Rogers now employs Mike Boswell, so both were able to contribute information. The tanning solution being discharged is 17 cups of alum dissolved in 50 gallons of water. This is discharged about three times a year. Alum is aluminum sulphate and has a formula of $Al_2(SO_4)_3$. This makes alum 15% by weight pure aluminum. The density of alum is 1.61. Assuming a dry packing of 70%, then 17 cups of alum in 50 gallons of water would have an aluminum concentration of approximately 1.258 grams per liter. Assuming that the septic system discharges the amount found in Chapter XI for commercial facilities with 3 employees (90 gallons per day), then the average discharge year round is 8.837 mg/l. This assumes that all of this waste is discharged through the septic tank. In a septic tank setting, alum should form a very sticky sludge in the septic tank. Information given to me by Dean Rogers and Mike Boswell indicates that this system has not been serviced since it was built. The drywell is plugging up and most of the tanning solution is being discharged directly to the gravel without treatment in a septic tank. I will check our permit files to determine if there ever was a permit issued for this system. At 14:30 left for Mulholland Tank Service.

5. Arrived at Mulholland Tank service on South State Highway 120. This building is still being used for dry storage and there is no use made of the sump system. Current Status on FURS temporarily abandoned appears appropriate.

6. Went to Purvis Shop on the South Creek Road. This sump was covered with a steel plate when the building was new. Mr. Purvis was quite forceful in stating that there never was any disposal done in this sump. Plate is now covered with quite a bit of scrap metal. Status currently in FURS is temporarily abandoned, probably appropriate.

7. Went to Chamber of Commerce to find out where Reesey Road is. Found out it is right back where I was on South Highway 120. Drove to WAI McCullough Building. Couldn't figure out which business is which since none of the buildings on Reesey Road has a street address. Asked several people which building was the McCullough building. Finally determined it is now the Coleco Foundry but it was after 17:00 by then and everything was closed.

8. On Friday, November 17, 1990 at 08:30 left breakfast and drove over to Coleco Foundry (Formerly WAI McCullough building at 3210 Reesey Road, Cody). Met Mr. Thomas Hall, Partner in the business who told me that McCullough was the former tenant. He said they bought the building outright last year from Mr. Reesey. In doing

so they did a complete investigation of the industrial sumps, but the report was sent to the SBA. Sumps are now buried under a massive concrete foundation to one of their machines. Clearly plugged and abandoned.

9. At 09:00 left and drove to the Double Diamond X Ranch on Southfork Road, arriving at 10:00. Met with Russ and Patricia Fraser, owners of the dude ranch until 12:15. Agreed to allow them to perform the groundwater study by the installation of shallow monitor wells either nearby or inside the proposed leachfield. Depth to be 15 to 20 feet, with a seal from at least 3 feet below the leachfield to the top of the casing.

10. Went to the motel and returned a couple of phone calls, then drove directly to Powell. Arrived at the former Whitlock Volkswagen site at 1105 West Coulter Avenue in Powell. Graham Motors now occupies this site. Manager said that the entire facility is now on Powell City Sewer.

11. At about 14:00 went to the former M and L Tire Storage Building at 300 Horseshoe Lane. This site is now occupied by Clay Electric Company, Chad Miller, Owner. The mailing address is 955 East South Street, Powell, WY 82435. Sump is actively used and was being used while I was present. Questionnaire form will be sent.

12. Went to the former site of Powell Battery Manufacturing Company at 846 Road 7½ in Powell. This site is now converted to another use since the owner committed suicide last year. Present occupant is Trico Industries, Inc. P.O. Box 1028, Powell, WY 82435. Present owner is Gil and Sherri Gillam, 1 (800) 865-3386. Before Trico moved in they sealed all of the sumps, plugging the outlets and coating the entire inside of the sump with epoxy. Ken Schwartz, Trico Industries Inc., S.M. TX (512) 353-4200 and Dan Eshorn Trico Industries Inc., Denver, Colorado (303) 534-5920 have the information about this closure and the investigation they did. Trico is part of Paccar Industries.

13. While the Powell Battery site is closed, the other half of the same building was formerly occupied by a company that made portable corrals. They were moving out when I was there and the sump had been completely cleaned out. It didn't look like anything had been discharged through it because it was so clean. I will correspond with the owners and try to get this sealed off before the next renter moves in.

14. Went to Northwest Community College at 15:45 and met Mr. Tom Bibby who showed me the ground source heat pump system in the new Math and Science Building. Determined that signs required by the permit are not in place. Made copy of the permit for Mr. Bibby who said they would get them up. This system uses Ethylene Glycol as a heat exchange medium in the heat pumps so it is important that any leakage be reported. I will write to Mr. Bibby.

15. Went to Miner Oilfield Service in Cody on Road 2AB. Lance Miner told me he would not be in town until late. Tried to call him but he was not in range on his cellular phone. Miner Oilfield Service is now being rented out as individual storage lockers. I did not sample this site because it appears that there may be very low pollution potential. Found the sampling port Mr Miner told me would be there on the south side of the building just behind the loading ramp. Finished at 17:00.

16. On Saturday, November 18, 1995 left Cody at 08:00 and drove to Powell. Had breakfast, left Powell at 09:15. Drove to Bear Lodge. Met Mrs. Rick Young. By the time I got there it was already after noon. Mrs Young said she did not have any questions about the permit or the monitoring requirements. Continued on to Sheridan and then to Cheyenne. Arrived at 18:30. Comp Time 8.0 Hours

TRAVEL EXPENSE VOUCHER - PERDIUM EXPENSES

NAME: ROBERT FRANKLIN LUCHT	SSN: 521-68-5258

TRIP REPORT: Traveled to Casper, Cody and Powell to inspect Class V injection wells and witness part of the installation of a soil vapor extraction system.

DATE OF DEPARTURE: Nov 15,1995	TIME: 11:00 AM
November 18, 1995	TIME: 18:30 PM

FROM:	TO:
BUDGET(s): UNDERGROUND INJECTION CONTROL 3.07 Funding Travel	
OTHER EXPENSES:	

Mode of Travel	S-1179	Personal #	COMMERCIAL AIR

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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

November 22, 1995

Russ and Patricia Fraser
3453 Southfork Road
Cody, WY 82414

RE: Double Diamond X Septic System
Application 95-304
Park County, Wyoming

Dear Mr. and Mrs. Fraser:

Large scale disposal of sanitary waste into leachfields after partial treatment in a septic tank poses risks to drinking water sources which are not always well understood. Within Wyoming, large scale septic systems have been responsible for high levels of nitrates, coliform bacteria, and even typhoid bacteria being present in drinking water wells. As a result of such contamination, residents of one trailer park in Cheyenne have been required to drink bottled water for many months. Drainage from such systems has been responsible for contaminated water supplies at numerous sites throughout Wyoming and the nation. This situation lead to the creation of regulations specifying how and where such systems could be installed. The Water Quality Division was specifically created to deal with pollution of the state's resources, and has promulgated regulations specifying system capacity, sizing of various components, and separation distances in 1984. Regulations dealing with the direct impacts to groundwater were promulgated in 1980. The underground injection control program is the logical program to deal with this system since this program was specifically designed to deal with groundwater impacts from direct discharges.

It was a pleasure to meet you both on Friday, November 17, 1995. As a result of the discussion that we had at that time, this department will accept any one of the following in compliance with Chapter III, Section 15 groundwater monitoring requirements:

1. Groundwater monitoring wells drilled within 10 feet of the edge of the proposed drainfield and completed below the base of the drainfield. Surface seals should be installed to a depth of at least 2 feet below the base of the drainfield. This will allow monitoring of the effluent after it has left the drainfield and before it reachs the water table.

2. A single well completed in the middle of the proposed drainfield and surface sealled to at least 3 or 4 feet below the base of the drainfield. This will allow monitoring of the effluent after it leaves the drainfield and before it reaches the groundwater table.

Either of the above are options in addition to options included in previous correspondence. It is my belief that either of these monitoring systems will provide for groundwater protection at much less than the cost of monitoring schemes previously proposed.

Sincerely,

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

REMOVE

encl: ~~Permit 11-23-82~~; Trip report

xc: Richard E. Myrick, 1508 Stampede Avenue, P.O. Box 338, Cody, WY 82414

Park County Planning Coordinator
1002 Sheridan Avenue
Cody, WY 82414

Jeff Hermanski, Lander Office

I missed this change before I sent to L.

95-304 R

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Double Diamond X Ranch Sanitary Septic

ENGINEER: Richard E. Myrick, 1508 Stampede Ave., P O Box 338, Cody, WY 82414

APPLICANT: Russ and Patricia Fraser, 3453 Southfork Road, Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: UIC 95-304R

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: 08/21/1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Chapter III, Section 15 requires that information necessary to demonstrate that the discharge to groundwater will not cause a violation of groundwater standards found in Chapter VIII. Information required by Section 15(b)(iii),(vi),(vii) and (viii) must be submitted and has not yet been submitted in either the original application or in the letter of August 11, 1995.

   Since there are no wells and no potential downgradient property owner to develop wells, the regulations allow for domestic wastes to be discharged provided that the aquifer can be restored after the discharge ceases. This alternative also necessitates that groundwater flow directions, gradients, baseline groundwater quality and other aquifer properties be determined and provided.

2. There are no domestic water lines shown on the plan sheet leading from the domestic use well on this site to any building. Since separation must be maintained between water and sewer lines, or provision made to install sleeves or encasement where sewer lines cross water lines, the location of all water lines must be provided. The location of all water wells servicing this property must also be provided. Your letter of August 11, 1995 makes the statement that separation has been maintained, but no plan has been submitted actually showing these water lines.

3. The plan submitted includes an engineering design report. Chapter XI, Section 40(c) requires that, for systems over 2,000 gallons per day, all requirements of Part B, Chapter XI be met. No information has been provided to determine compliance with Part B. This includes, but is not limited to: Specifications of the pipe for compliance with Chapter XI, Section 9(b).

4. The specifications for this project include general wording concerning the sewer pipe to be used. They do not include any reference to any recognized standard. How will the engineer insure that only pipe which meets the specifications found in Chapter XI, Section 9(b)(iv) will be used?

RL/nc 53680.LTR

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Double Diamond X Ranch Sanitary Septic

ENGINEER: Richard E. Myrick

APPLICANT: Russ and Patricia Fraser, 453 Southfork Road, Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: DEC 95-304

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: 07/24/1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS: 1. Chapter III, Section 15 requires that information necessary to demonstrate that the discharge to groundwater will not cause a violation of groundwater standards found in Chapter VIII. How is the proposed facility expected to protect groundwater quality and downgradient uses? Are there any imperious layers which will cause the sewage to surface on a hillside? Information required by Section 15(b)(ii),(iii),(iv),(v),(vi),(vii) and (viii) must be submitted.

What other property owners in the immediate area use groundwater as a source of drinking water? Please provide names and addresses of all other groundwater users. The applicant should provide the locations, depths, perforated intervals, and static water levels for wells within a ¼ mile radius of this system.

Where is this facility in relation to the nearest surface water? Section 35, Chapter XI shows isolation distances from flowing water, lakes and wetlands.

If there are no wells and no potential downgradient property owner to develop wells, the regulations allow for domestic wastes to be discharged provided that the aquifer can be restored after the discharge ceases. This alternative would also necessitate groundwater flow directions, gradients, baseline groundwater quality and other aquifer properties to be determined and provided. If favorable results are encountered groundwater monitoring may not be required.

2. There are no domestic water lines shown on the plan sheet leading from the domestic use well on this site to any building. Since separation must be maintained between water and sewer lines,

or provision made to install sleeves or encasement where sewer lines cross water lines, the location of all water lines must be provided. The location of all water wells servicing this property must also be provided.

3. The plan submitted includes an engineering design report. Chapter XI, Section 40(c) requires that, for systems over 2,000 gallons per day, all requirements of Part B, Chapter XI be met. No information has been provided to determine compliance with Part B. This includes, but is not limited to: Specifications of the pipe for compliance with Chapter XI, Section 9(b) and Information on the lift station for compliance with Chapter XI, Section 9(c)(ii).

4. The specifications for this project include general wording concerning the sewer pipe to be used. They do not include any reference to any recognized standard. How will the engineer insure that only pipe which meets the specifications found in Chapter XI, Section 9(b)(iv) will be used?

5. As a general comment, the specification document should specify piping and equipment which conforms to Chapter XI requirements. This can be easily accomplished since all WQD regulations are now available to computer modem access. For example, if the specification document simply stated that the piping must conform to any one of the many types of pipe required by Chapter XI then there would be nothing for this agency to fault. In addition the specifications should be revised to reflect the current plan, rather than the plan originally submitted. The engineering design report should be revised to show all engineering calculations which lead to the design as submitted and now revised.

6. Since this facility is for the purpose of underground management of waste, and the permit will allow discharge to a receiver which is an existing water supply, a public notice is required under Chapter IX, Section 7(a)(8).

7. Chapter XI, Section 39(a)(ii) states clearly that the size of a septic tank must provide for 36 hours of retention time. Using this standard, the 3,000 gallon septic tank specified in this application is undersized by 10%. Please revise the application to reflect this standard.

RFL/mad 53266.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 20, 1997

Clark Burden
Wyoming Child and Family
P.O. Box 100
Guernsey, WY 82214

RE: Wyoming Child and Family Drainfield
Draft Permit: UIC 95-305R
Platte County, Wyoming

Dear Mr. Burden:

Your application is considered inactive and is being returned to you under the assumption that you do not wish to proceed with the permitting process.

This project has not been issued a permit under any Water Quality Division program. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed $10,000 per day of violation. If this project has been constructed, it is your responsibility to immediately contact this office and follow through with the permitting process. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter IX, Water Quality Rules and Regulations must be followed.

Incidentally, the Water Quality Division is in the process of writing a new Chapter XVI which will replace Chapter IX in regulating large capacity septic systems. The draft chapter will be made public next month. You may wish to become involved in this process through your right to comment on the new regulations. If you wish to obtain information on that rule

making effort, please contact me. Comments on the proposed rules can be sent in at any time up through the final adoption of the rules by the Environmental Quality Council.

Sincerely,

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

RFL:ks
70962.ltr

xc: Russell D. Schamel, P.E.
Kennedy Engineering
P.O. Box 1089
Wheatland, WY 82201

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

September 13, 1995

Clark Burden
Wyoming Child and Family
P.O. Box 100
Guernsey, WY 82214

RE: Wyoming Child and Family Drainfield
Draft Permit: UIC 95-305R
Platte County, Wyoming

Dear Mr. Burden:

Large scale disposal of sanitary waste into leachfields after partial treatment in a septic tank poses risks to drinking water sources which are not always well understood. Within Wyoming, large scale septic systems have been responsible for high levels of nitrates, coliform bacteria, and even typhoid bacteria being present in drinking water wells. As a result of such contamination, residents of one trailer park in Cheyenne have been required to drink bottled water for many months. Drainage from such systems has been responsible for contaminated water supplies at numerous sites throughout Wyoming and the nation. This situation lead to the creation of regulations specifying how and where such systems could be installed. The Water Quality Division was specifically created to deal with pollution of the state's resources, and has promulgated regulations specifying system capacity, sizing of various components, and separation distances in 1984. Regulations dealing with the direct impacts to groundwater were promulgated in 1980. The underground injection control program is the logical program to deal with this system since this program was specifically designed to deal with groundwater impacts from direct discharges.

The drainfield on this location was initially constructed under permit 75-97R prior to the existence of many of these regulations. This present permit is a modification of the system to allow the installation of a new leachfield to replace an existing, failed, facility. This agency desires to protect the public health of all of the citizens of Wyoming, in fact, that is a key legislative mandate for this agency. It would be irresponsible of this agency to allow this system to continue to operate indefinitely without bringing the system into compliance with present day standards at some point. We are attempting to work with you to bring this facility into compliance with all aspects of present regulations. The attached *draft permit* is sent to you for

comment. Changes can be made to this permit before it is issued. This draft is not an approved permit. It is only because there was an existing drainfield on this site that a draft permit is being issued without the monitor wells being in place first. If these monitor wells show that contamination is leaving the site, additional work may be required beyond that which is outlined in the draft permit.

This permit is being processed as an underground injection control permit because it has the capacity to discharge in excess of 2,000 gallons per day. This is the peak design loading, not the average loading over several days or weeks.

This agency is aware of the costs associated with bringing a system such as this into compliance with current rules. We do care what these costs are and are willing to consider alternatives which may be allowable under present rules. Careful attention to the construction of the required monitor wells can minimize these costs. At the same time, we cannot compromise our basic mission of protecting public health from the adverse affects of this type of system. I am sure that you would not wish us to compromise on the protection of public health, particularly where the health of young children is involved.

Sincerely,

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

RL/nc 54036.LTR
Enclosures: Monitor well design, Draft permit, review of response

xc: Russell D. Schamel, P.E. (with copy of all enclosures)
Kennedy Engineering
P.O. Box 1089
Wheatland, WY 82201

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Wheatland Childhood Center, Domestic Drainfield

ENGINEER: Russell D. Schamel, P.E. 3511

APPLICANT: Wyoming Child and Family
P.O. Box 100
Guernsey, WY 82214

WATER QUALITY DIVISION REFERENCE NUMBER: UIC 95-305

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: 09/12/95

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Chapter III, Section 15 requires that information necessary to demonstrate that the discharge to groundwater will not cause a violation of groundwater standards found in Chapter VIII. The state geology map identifies the bedrock formation as the Arikaree, not the Ogallala Formation. Information has now been submitted that shows what other property owners use the Arikaree Aquifer in the vicinity of this facility. Information submitted indicates that the groundwater flow direction is to the northeast, but nothing was submitted to show the source of this data. Section 15(b)(vi) of Chapter III specifically requires that flow directions be based on preoperational monitor wells.

   The Arikaree Aquifer is not a homogeneous formation as is assumed in the most recent submittal. Rather, it is highly nonhomogeneous containing siltstones, clays, sands and gravels. The overall lithology of the Arikaree makes it highly unlikely that there is a single water bearing formation from a depth of 11 feet to over a hundred feet. This interval, while all water saturated, will not yield water uniformly from all beds and will contain individual beds which will act as aquitards and aquicludes. For this reason, monitor wells need only be completed to the first clay or siltstone member encountered during drilling. The monitor wells themselves need only be 2 inches in internal diameter installed in a 6½ inch drillhole. Total depth of these wells is likely to be less than 40 feet.

   An appropriate design will have a minimum of three monitor wells, all properly completed according to the attached or similar design, and all properly surveyed for

elevation of the casing itself. Designs using either a steel riser pipe or a flush mounting are acceptable. Groundwater gradient must be determined from these wells.

2. The design submitted for the Standard Bed Type soil absorption system will not provide for even distribution of the effluent as stated on page 2 of the response to the review comments. Using the design submitted, the sections of the leachfield closest to the point where effluent enters will take water preferentially over the sections farther away. The distribution box should be designed so that each leg of the leachfield receives a proportional share of the total flow.

3. Since this facility is for the purpose of underground management of waste, and the permit will allow discharge to a receiver which is an existing water supply, a public notice is required under Chapter IX, Section 7(a)(8). This public notice is done entirely by the department when the permit is ready to be issued.

4. Attached please find a DRAFT PERMIT. This draft is not an authorized permit, but it will become the permit after it is signed. You and your engineer have the opportunity to comment on this draft permit at this time. The monitoring required by this permit is based on this department's experience on other sites and the parameters which do, occasionally, show up in domestic sewage. After the first two years of information has been submitted, the permit allows for modification of the monitoring requirements if appropriate.

RL/nc 54038.LTR

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

(X) New
( ) Modified

Permit Number: UIC 95-305R
Subclass Number: 5W32

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations, Chapter III (March 28, 1988), and Chapter IX (September 4, 1980),

DRAFT

Applicant: Wyoming Child and Family
c/o Clark Burden
P.O. Box 100
Guernsey, WY 82214
(307) 836-2751

is authorized to operate the Wheatland Childhood Center Domestic Wastewater Facility in the SE¼SW¼, Section 1, Township 24 North, Range 68 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 95-305 and requirements and other conditions of this permit as contained on pages 1 through 7.

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

Date

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

Date

A. DISCHARGE ZONE AND AREA OF REVIEW

Discharge Zone

This injection facility (sanitary leachfield) is authorized to inject into the loess soils above and into the Arikaree Formation itself which is found at this location from zero to 25 feet below the ground surface.

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Area of Review

The facility authorized by this permit is located in:

Township 24 North, Range 68 West, 6th Principal Meridian
Section 1: SE¼SW¼

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

Township 24 North, Range 68 West, 6th Principal Meridian
Section 1: SW¼

B. GROUNDWATER CLASSIFICATION

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

1. The groundwater in this formation meets all of the quality standards set forth in Chapter VIII for class I water; and

2. The groundwater in this formation is presently used for domestic purposes.

Groundwater of class I shall not be degraded so as to make it unusable as a source of water for this purpose. Any parameters which do not meet the class of use standard shall not be degraded whatsoever.

C. AUTHORIZED OPERATIONS

The permittee is authorized to inject 55 barrels per day (2,332 gallons per day) of wastewater as described: Sanitary waste only from a day-care school building. The permittee is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield.

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

D. ENVIRONMENTAL MONITORING PROGRAM FOR GROUNDWATERS OF THE STATE

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:

a. The date, exact place, and time of sampling or measurements;
b. The name(s) of individual(s) who performed the sampling or measurements;
c. The date(s) analyses were performed;
d. Names of individuals who performed the analyses;
e. The analytical techniques or methods used; and
f. The results of such analyses.

4. The groundwater in the receiving formation shall be sampled and the following parameters analyzed on the following schedule and from the following wells:

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
The two downgradient monitor wells of the following: MW-1, MW-2, MW-3	Semi-Annually	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. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm. Prior to taking the above samples, the permittee shall monitor the static water level in all wells to determine which wells are the downgradient wells. The results of those measurements shall be reported along with the sampling results.

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 the event that any of the above UCL's are exceeded, the permittee shall immediately sample all three wells for Total Coliform Bacteria. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on the following schedule. The following parameters shall be analyzed by the listed methods and reported semiannually:

DRAFT

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
Semi-Annually in May and October	EPA 200 Series Methods	Cadmium	.010
		Chromium	.050
		Lead	.050
	EPA Method 420.1	Total Phenols	.250
	EPA Method 350.3	Ammonia as N	50.0
Annually	EPA Method 624	Purgeable Aromatic and Halogenated Hydrocarbons	Federal Drinking Water MCL's

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm.

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 the event that any contaminant is found to exceed the above UCL's the permittee shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. Any parameter found to be exceeding the above UCL shall be sampled for in the downgradient wells if not already sampled for. The permittee shall sample the downgradient wells within 30 days of the date that he becomes aware of any exceedance of the above UCL's. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.

2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.

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

4. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.

   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

5. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.

6. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.

7. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:

   a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,

   b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and

   c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.

9. The semi-annual report of operations for this facility shall be submitted on forms provided by the department and shall include the following information:

   a. Any permit exceedances within the previous six months.

   b. The analytical results for sampling for the injected water and any groundwater sampling results required under Section D or E of this permit.

   c. Semi-annual reports are due in the Cheyenne office of the Water Quality Division no later than July 1 and December 1 of each year.

10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

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G. GENERAL PERMIT CONDITIONS

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

1. Violation of the permit;

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

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

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued. A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council. This permit can be terminated by authority of the administrator for one or more permit violations.

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

Any permit noncompliance constitutes a violation of the permit.

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

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

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.

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.

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

H. DUTIES OF THE PERMITTEE

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It is a duty of the permittee to:

1. Comply with all permit conditions;

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

3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and

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

I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

In the event that sewage is found to be surfacing from the leachfield covered by this permit, this is a violation of this permit and shall be reported immediately as required by Section F of this permit. In the event that the leachfield covered by this permit should fail, it is not necessary to modify this permit to allow for the replacement leachfield shown on the plans included in the application to be installed, so long as the construction specifications remain the same. The permittee shall notify the department, and install the replacement leachfield within 90 days of determining that the primary leachfield has failed.

J. SIGNATORIES REQUIREMENT

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

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

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

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

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

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

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

3. The written authorization is submitted to the administrator.

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

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

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

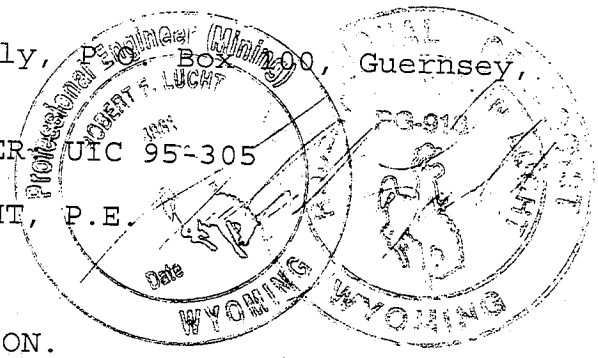
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Wheatland Childhood Center, Domestic Drainfield

ENGINEER: Russell D. Schamel

APPLICANT: Wyoming Child and Family, P.O. Box 00, Guernsey, WY 82214



WATER QUALITY DIVISION REFERENCE NUMBER: UIC 95-305

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: 07/24/1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS: 1. Chapter III, Section 15 requires that information necessary to demonstrate that the discharge to groundwater will not cause a violation of groundwater standards found in Chapter VIII. How is the proposed facility expected to protect groundwater quality and downgradient uses? Are there any imperious layers which will cause the sewage to surface on a hillside? Information required by Section 15(b)(ii),(iii),(iv),(v),(vi),(vii) and (viii) must be submitted.

What other property owners in the immediate area use groundwater as a source of drinking water? References were made in the application to Lloyd's Welding service, but no others. Please provide names and addresses of all other groundwater users. The applicant should provide the locations, depths, perforated intervals, and static water levels for wells within a ¼ mile radius of this system.

Where is this facility in relation to the nearest surface water? Section 35, Chapter XI shows isolation distances from flowing water, lakes and wetlands.

If there are no wells and no potential downgradient property owner to develop wells, the regulations allow for domestic wastes to be discharged provided that the aquifer can be restored after the discharge ceases. This alternative would also necessitate groundwater flow directions, gradients, baseline groundwater quality and other aquifer properties to be determined and provided. If favorable results are encountered groundwater monitoring may not be required.

2. Chapter XI requires that a replacement area be designated. Sheet P-1 shows this replacement area as the same area as the drainfield for which this application was made. The requirement is to designate an area which will be the replacement area after this drainfield fails and has to be abandoned.

3. There are no domestic water lines shown on page P-1 leading from either the domestic use well on this site or from the domestic use well at Lloyd's Welding. Since separation must be maintained between water and sewer lines, or provision made to install sleeves or encasement where sewer lines cross water lines, the location of all water lines must be provided.

4. The plan submitted includes an engineering design report. Chapter XI, Section 40(c) requires that, for systems over 2,000 gallons per day, all requirements of Part B, Chapter XI be met. No information has been provided to determine compliance with Part B. This includes, but is not limited to: Specifications of the pipe for compliance with Chapter XI, Section 9(b) and Information on the lift station for compliance with Chapter XI, Section 9(c)(ii).

5. The design submitted for the Standard Bed Type soil absorption system will not provide for even distribution of the effluent as stated on page 3 of the application. Using the design submitted, the sections of the leachfield closest to the influent will take water preferentially over the sections farther away. The distribution box should be designed so that each leg of the leachfield receives a proportional share of the total flow.

6. The specifications for this project include general wording concerning the sewer pipe to be used. They do not include any reference to any recognized standard. How will the engineer insure that only pipe which meets the specifications found in Chapter XI, Section 9(b)(iv) will be used?

7. As a general comment, the specification document should specify piping and equipment which conforms to Chapter XI requirements. This can be easily accomplished since all WQD regulations are now available to computer modem access. For example, if the specification document simply stated that the piping must conform to any one of the many types of pipe required by Chapter XI then there would be nothing for this agency to fault. In addition the specifications should be revised to reflect the current plan, rather than the plan originally submitted. The engineering design report should be revised to show all engineering calculations which lead to the design as submitted and now revised.

8. Since this facility is for the purpose of underground management of waste, and the permit will allow discharge to a receiver which is an existing water supply, a public notice is required under Chapter IX, Section 7(a)(8).

9. The leachfield design must be for the capacity of the facility as it presently exists, based not on existing use, but on the

capacity of the facility physically. The application shows both a current need and an ultimate capacity which is much larger. It appears that the ultimate capacity is based not on any addition to the buildings, but only on the ability of the operator to sell the service rendered. Since it appears that no physical alteration would be required to reach the ultimate capacity, it is necessary to provide the leachfield for that ultimate capacity. Plan sheet P-2 should be modified to show a leachfield for the capacity of the present buildings, not just their present use.

RFL/mad 53268.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-306
SPECIAL CONDITIONS
REF/PERMIT #

Hugh & Stephanie Peltz (Residential Septic System)

This permit hereby authorizes the applicant:

Hugh & Stephanie Peltz
437 Hightower Road
Wheatland, WY 82201

to install a residential septic system according to the procedures and conditions of the application number 95-306. The facility is located in NE 1/4 Section 27, T24N, R68W in the county of Platte, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-2-95
Date of Issuance

GLS/b/53226.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-306

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

---

[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 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.

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 July 24, 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."

GS/b/53226.ltr

PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 95-307
SPECIAL CONDITIONS
REF/PERMIT # 92-001

Coastal Chem Wastewater Ditches

This permit hereby authorizes the applicant:

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

to construct, install or modify wastewater collection ditches according to the procedures and conditions of the application number 92-001 and 95-307. The facility is located in T13N, R67W, Section 16, NW¼SW¼ in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 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: UIC Program Supervisor, 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:

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-2-95
Date of Issuance

RFL/mad 53267.LTR
cc:

51865.doc

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-307

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.)

Applicable - Wastewater ditches may have contributed to groundwater pollution on this site in the past. This permit is for a ditch design which cannot discharge to groundwater.

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 basis of design for this application clearly shows that no discharge to groundwater is anticipated.

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

NOT Applicable - The wastewater to be conveyed by these ditches will clearly pollute groundwater or surface water if allowed to escape from any ditch or pond.

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

NOT Applicable - Existing soils and geology have clearly allowed a discharge to groundwater in the past when little or no control was exercised over the collection and storage systems.

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:

NOT Applicable

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:

NOT Applicable

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.

NOT Applicable

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.

NOT Applicable - There is no monitoring system required by this permit modification, but groundwater monitoring is required by other documents.

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.

3615.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

April 11, 1996

Mr. Richard L. Maury
H and M Construction, Inc.
P.O. Box 90008
Casper, WY 82609

RE: Injection Well
Application Number: UIC 95-308, Class I
Converse County, Wyoming

Dear Mr. Maury:

On July 26, 1995, this department reviewed the above referenced permit application and sent a written comment to you concerning the completeness of the application.

Since that date, this department has received no additional information. This application was for a new disposal well in the Cole Creek field, presumably well F12-26G, although this was not clear. There was little technical information submitted or properly referenced on which to base a permit. Thus, it was not possible to draft a permit.

In accordance with the Water Quality Division regulations, Chapter XIII, Section 6, your application is being returned. If you wish to reapply at a later date, you may resubmit this application along with your responses to the review comments generated last July, and we can begin a new review period. Until such time, any construction and/or operation of the well covered by this permit is not authorized under the Environmental Quality Act. You may, if you wish, request a hearing before the Environmental Quality Council to appeal this denial.

If you have any questions about this matter, please feel free to contact Bob Lucht at (307) 777-7781.

Sincerely,

Gary Beach
Administrator
Water Quality Division

GB/RFL/bb/61642.ltr

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: H and M Disposal, Inc. F12-26G Disposal Well

REPRESENTATIVE: Curtis Emmert
Starlight Oilfield Services
P.O. Box 1808
Gillette, WY 82717

APPLICANT: H and M Disposal, Inc.
P.O. Box 1839
Gillette, WY 82717

WATER QUALITY DIVISION REFERENCE NUMBER: UIC 95-308

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: 07/26/1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. This application is made in the name of H and M Disposal, Inc. All previous correspondence was in the name of H and M Construction, Inc. which was apparently the same company. Please provide a copy of the resolution changing the name of the company so that the apparent paper trail is clear.

2. Chapter XIII, Section 5 lists information required in an application. This application contains no information on the nature of the business and activities as required by Section 5(b)(i); no calculation of the area of review as required by Section 5(b)(iv); no information about the discharge as required by Section 5(b)(v); no information about the receiver as required by Section 5(b)(vi) and (vii); no maps as required by Section 5(b)(viii); no list of relevant permits as required by Section 5(b)(ix); no listing of wells penetrating the receiver as required by Section 5(b)(x); no monitoring plan as required by Section 5(b)(xi); no information about the mechanical integrity of the well as required by Section 5(b)(xii); and none of the information necessary to demonstrate compliance with Sections 11, 12, 13, 14, 15, 16, and 17 as required to be in the application by Section 5(b)(xiii). For this application, it is not even clear which well is being applied

for. I have presumed that it is well F12-26G because there is a log for this well in the application.

3. It is possible to use material from previous applications by reference, but the sections to be referenced have to be clearly spelled out in the application and well specific data cannot be referenced. For example, if you wish to use the same area of review from the F27-41G well, then you must state that fact. You should be aware that if you do use that area of review, then the fact that the F27-41G well exists, and presently has no mechanical integrity will prejudice the new permit application. A new calculation for this well may show that the F27-41G is not even within the area of review. Information about the receiver can be referenced provided that the reference is clear. At the very least you will need to have copies of the previous application and will have to state which parts you want to reference. It may be simpler and easier for you to simply copy certain parts of the previous application and resubmit that data for this application.

4. This facility, if operated as a commercial oilfield disposal facility, will have to post a new financial assurance document as required by W.S. 35-11-306 and Chapter XIV, Water Quality Rules and Regulations. Nothing has been submitted to date. This agency cannot draft a permit and cannot go to public notice until it is clear how the financial assurance is to be handled, usually in the form of a commitment from a surety of some kind. The financial assurance can be timed to go into force at the end of the public notice period for those instruments which are paid for to cover specific time intervals. The existing bond on the F27-41G well could be used to cover this new well, if the proper paperwork was done to cover this new permit, and if the plugging and abandonment of that well had been previously accomplished and accepted by the department.

If you need copies of any of the regulations, copies of typical financial instruments, or instructions for any of the financial instruments please let me know. We have examples of the form for letters of credit, surety bonds, and certificates of deposit. Other types will require that we draft the required language for this program. Questions concerning financial assurance should be directed to Pat Jordan, 777-7684.

RFL/nc 53270.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-310
SPECIAL CONDITIONS

COULTER BAY WATERLINE

This permit hereby authorizes the applicant:

Wyoming State Parks & Historic Sites
2301 Central Avenue
Cheyenne, WY 82002
Attention: Mr. Larry Hootman

to construct, install or modify waterlines according to the procedures and conditions of the application number 95-310. The facility is located in the SW/4 of Section 28, the E/2 of Section 32, and the W/2 of Section 33 of T51N R66W 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 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

8-15-95
Date of Issuance

Director
Department of Environmental Quality

DRM/pr:08/15/95
b/53591.ltr
cc: Mayor Brandenburg, 24 Water Dr., Pine Haven, 82721-9761
Mr. Clarence Kemp, FA, 849 Front St., Suite 201, Evanston, 82930
Northeast District File

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-310

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 15, 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/53591.ltr

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

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Factory Homes Outlet Sales Office Septic System

ENGINEER: Donald M. Hopkins
D.M. Hopkins & Associates
3313 Birch Place
Cheyenne, Wyoming 82001

APPLICANT: Richard Menkin
1800 South Greeley Hwy.
Cheyenne, Wyoming 82007

WATER QUALITY REFERENCE NUMBER: 95-312

REVIEWING ENGINEER: Ronald L. Ewald RLE

DATE OF REVIEW: July 25, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS, PROBLEMS, INADEQUACIES, and QUESTIONS:

1. It would be irrelevant and unproductive for the DEQ Water Quality Division (WQD) to review this application at this time for the following reason. Because this property is within the greater Cheyenne "201" central sewer collection system plan area, an exception from sewer hookup must be granted by the 201 review group before a septic system can be constructed within the 201 plan area. The 201 review group considered this property on July 19, 1995; the result being that the exception was not approved. Therefore, the DEQ cannot issue a permit to construct at this time, and the system cannot be built without a permit.

2. Septic System Problems at 1800 South Greeley Hwy. - Also please note that the plans submitted for the Factory Homes Outlet Sales Office indicate that a parking and driveway area for heavy vehicles (mobile homes) is planned directly over the existing leach field area for the 1800 South Greeley Hwy. facility. Placing a heavy traffic area like this over an existing leach field would be in conflict with the Wyoming Water Quality Rules and Regulations (WWQR&R) Chapter XI, Section 35(c) which states "Location. Absorption systems shall not be located beneath buildings, parking lots, roadways or other similarly compacted areas." Leach fields should not be located beneath compacted areas such as this one because:

   a. The oxygen levels in the soils can be decreased which will in turn decrease the treatment,
   b. The soil can become much more tightly compacted thereby decreasing percolation rates, and
   c. The pipes themselves can become crushed, broken, or otherwise damaged.

   Therefore, this sales yard and traffic area should not be constructed or allowed in it's currently proposed configuration.

RLE/mad 53254.LTR

cc: Laramie County Environmental Health
Cheyenne "201" Review Group

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-311
SPECIAL CONDITIONS

POWDER HORN RANCH PHASE I WASTEWATER COLLECTION SYSTEM

This permit hereby authorizes the applicant:

Powder Horn Ranch
161 US Highway 335
Sheridan, WY 82801
Attention: Mr. Homer Scott, Jr.

to construct, install or modify wastewater collection system according to the procedures and conditions of the application number 95-311. The facility is located in Sections 3 and 4 of Township 54 North Range 84 West and Section 33 and 34 of Township 55 North Range 84 West in the county of Sheridan, in the State of Wyoming. This permit shall be effective for a period of one (1) year from the date of issuance of this permit.

The issuance of this permit 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.

anting 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 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 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 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 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 Prior to operation of the system, the applicant shall obtain a certified operator for the facility pursuant to the requirements of Chapter V of the Wyoming Water Quality Rules and Regulations. The level of operator certification will be based upon the information provided on the enclosed facility configuration form, which must be submitted to Ms. Louise Cordova in our Cheyenne office at the 4th Floor of the Herschler Building on 122 West 25th Street, zip code 82002.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10-18-95
Date of Issuance

DRM/pr/ks 54702.LTR

xc: Jim Willey, 1030 N. Main St., #2 Taylor Pl., Sheridan, 82801
Enclosures: Notification Post Card
Certification of Completion
Statement of Basis
Facility Configuration Form

STATEMENT OF BASIS

General information.

A. Permit Number: 95-311

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[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 October 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."

51933.DOC

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

E 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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

February 4, 1998

Mr. Richard Menkin
1800 South Greeley Highway
Cheyenne, WY 82007

RE: Application #95-312

Dear Mr. Menkin:

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

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

Sincerely,

Ron Ewald

Ron L. Ewald
District Engineer

RLE/mad 80387
cc: IPS

Ron

RECEIVED

FEB 2 1998

WATER QUALITY DIVISION
WYOMING

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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

CERTIFIED

January 28, 1998

Mr. Richard Menkin
1800 South Greeley Highway
Cheyenne, Wyoming 82007

RE: **Unpermitted Facility/Non Response to Review: Application # 95-312**

Dear Mr. Menkin:

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

Facility Name:	Factory Homes Outlet Sales Office Septic System
DEQ/WQD Reference Number:	95-312
Engineering Consultant:	Donald M. Hopkins, D.M. Hopkins & Associates
DEQ/WQD Reviewing Engineer:	Ronald L. Ewald
Date of DEQ/WQD Review:	July 25, 1995

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

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

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

____ The application will be resubmitted within 30 days.

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

____ Other / Remarks: 333 W. COLLEGE DR (FACTORY HOMES OUTLET) AND 1800 S. GREELEY HWY HAVE BEEN HOOKED IN TO SCW&SD SEWER LINES. THE PREVIOUS SEPTIC TANK HAS NOT BEEN IN USE SINCE SEPTEMBER 1995.

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

Sincerely,

Ronald L. Ewald
Senior Analyst
SE District/Water Quality Division

RLE/bb/80296.ltr

cc: IPS

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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

CERTIFIED

January 28, 1998

Mr. Richard Menkin
1800 South Greeley Highway
Cheyenne, Wyoming 82007

RE: **Unpermitted Facility/Non Response to Review: Application # 95-312**

Dear Mr. Menkin:

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

Facility Name:	Factory Homes Outlet Sales Office Septic System
DEQ/WQD Reference Number:	95-312
Engineering Consultant:	Donald M. Hopkins, D.M. Hopkins & Associates
DEQ/WQD Reviewing Engineer:	Ronald L. Ewald
Date of DEQ/WQD Review:	July 25, 1995

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

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

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

_____ The application will be resubmitted within 30 days.

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

_____ Other / Remarks: _____

_____

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

Sincerely,

Ronald L. Ewald
Senior Analyst
SE District/Water Quality Division

RLE/bb/80296.ltr

cc: IPS

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-313
SPECIAL CONDITIONS

Ponderosa Ridge Finish Site #1 (Septic System for domestic waste)

This permit hereby authorizes the applicant:

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

to install a commercial septic system for domestic waste only according to the procedures and conditions of the application number 95-313. The facility is located in SE 1/4 Section 34, 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 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 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

AUTHORIZED BY:

Administrator
Water Quality Division

8-2-95
Date of Issuance

Director
Department of Environmental Quality

GLS/nc 53291.LTR
cc: Laramie County Environmental Health Dept.

STATEMENT OF BASIS

General information.

A. Permit Number: 95-313

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

N/A

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

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

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[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 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 July 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."

GLS/nc 53291.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

August 3, 1995

Burns Utility Board
ATTN: Rich Bastian
P. O. Box 24
Burns, WY 82053-0024

RE: As-Built Permit To Construct, WQD Reference Number 95-314

Dear Mr. Bastian:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Jack Noblitt & Associates, P.C. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers the changes defined in the permit application package which have already been constructed.

Please be advised that the system must be constructed, installed and operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions. Any person objecting to 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/mad 53411.LTR
Enclosure

AS-BUILT
PERMIT TO CONSTRUCT

New
Renewal
X Modified

PERMIT NO. 95-314
SPECIAL CONDITIONS
REF/PERMIT #94-147

Burns Elevated Water Storage Tank

This permit hereby authorizes the applicant:

Burns Utility Board
P.O. Box 24
Burns, WY 82053-0024

to modify the proposed water main from a new well to the new water tank according to the procedures and conditions of the application number 95-314. The facility is located in SE 1/4 Section 7, T14N, R62W in the county of Laramie, in the State of Wyoming.

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

Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility, 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 o 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 2 This permit is being issued to show that a watermain which connects a newly constructed well to the new water tank was changed from 8" to 2". The well upon completion on produced 25 gpm instead of the anticipated 1,500 gpm. The 2" line is adequate to handle the water from the new well.

2 of 2 A review of our records indicate that the only condition for Permit to Construct 94-147 which has not been satisfied is condition 7 of 8. Condition 7 states: Copies of the bacteriological water sample analyses shall be submitted to the WQD for review and approval before any water from the new water storage tank is introduced into the existing distribution system. A brief report on the disinfection procedures should be included with these results. As a part of this As-Built permit please satisfy this condition as required.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-8-95
Date of Issuance

GLS/mad 53411.LTR

R7

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-315
SPECIAL CONDITIONS

Wintersen, et al (Residential Septic System)

This permit hereby authorizes the applicant:

Carey & Robin Winterson-Stock
10801 Bayfield Way
Parker, CO 80134

to install a residential septic system according to the procedures and conditions of the application number 95-315. The facility is located in SE 1/4 Section 31, T15N, R83W in the county of Carbon, 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 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-1-95
Date of Issuance

GLS/nc 53271.LTR

cc: Nina Adams, Carbon County Planning Director

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-315

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. 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

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[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 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 July 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."

GLS/nc 53271.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-316
SPECIAL CONDITIONS
REF/PERMIT #

Town of Mills Chamberlain Road and Pontiac Street Water Improvements

This permit hereby authorizes the applicant:

Town of Mills
P.O. Box 789
Mills, Wyoming 82644

to construct, install or modify a water distribution system according to the procedures and conditions of the application number 95-316. The facility is located in Section 12, Township 33 North, Range 80 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 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 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

8-11-95
Date of Issuance

BDM/pr: August 4, 1995
b/53485.ltr
cc: Terry Titus, P.E., WLC, 200 Pronghorn, Casper WY 82601

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-316

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 4, 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."

BDM/b/53485.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. 95-317
SPECIAL CONDITIONS
REF: 94-470

Thermopolis - First/Amoretti Street Sewer Line Extension

This permit hereby authorizes the applicant:

Town of Thermopolis
P.O. Box 603
Thermopolis, WY 82435

to install approximately 220 lineal feet in 1st Street and 340 lineal feet in Amoretti Street of eight (8) inch diameter sanitary sewer main according to the procedures and conditions of the application number 95-317. The facility is located in NE¼, Section 1, T42N, R95W, Town of Thermopolis in the county of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of two (2) 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 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 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, 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

8-2-95
Date of Issuance

JH/jyi/mad 53338.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-317

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

N/A

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.

B.

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

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 July 28, 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."

R7

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-318
SPECIAL CONDITIONS
REF/PERMIT #

Cheyenne 11th Street & Platte Avenue Sewer Rehabilitation

This permit hereby authorizes the applicant:

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

to modify the existing collection system to replace a collection line which serves 10 residential lots according to the procedures and conditions of the application number 95-318. The facility is located in SW 1/4 Section 33, 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 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 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 Southeast District Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8/14/95
Date of Issuance

GLS/b/53475.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-318

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

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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 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.

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 August 7, 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."

GS/b/53475.ltr

R 7

ROAD APPLICATION PERMIT

New
Renewal
Modified

PERMIT NO. 95-319
SPECIAL CONDITIONS
REF/PERMIT #94-411, 92-351

Marathon Pipe Line Company - Rock Creek Station Road Application

This permit hereby authorizes the applicant:

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

to road apply 8,500 cubic yards of crude oil contaminated soil according to the procedures and conditions of application number 95-319. 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 until November 1, 1995.

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 standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

Nothing in this permit constitutes an endorsement by the DEQ of the disposal method described herein. This permit verifies only that the submitted application meets the 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 of, the permitted activity. The permittee, owner and/or operator are solely responsible for any liability arising from the waste disposal permitted. By issuing this permit, the state does not waive its sovereign immunity.

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

Nothing in this permit shall be construed to preclude the institution of any legal action or 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 8. The permittee shall notify representatives from the 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, SE District Engineer, Herschler Bldg. - 4 West, Cheyenne, Wyoming 82002; telephone number (307) 777-7088.

2 of 8. The permittee shall provide immediate oral and/or written notice to the Southeast 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 8. 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 Southeast District office on the attached Certification of Completion form.

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. This information shall include a contour map depicting only those sections of road that actually received contaminated soil.

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

5 of 8. Contaminated soil shall be applied uniformly and incorporated into the road bed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Contaminated soil shall not be applied during the period from November 1 to April 10.

6 of 8. The application site slope shall not exceed eight percent (8%) for vehicular application.

7 of 8. Contaminated soil application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.

8 of 8. Only the roads designated in this permit are authorized for application of the contaminated soil. 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 WQD.

AUTHORIZED BY:

Administrator
Water Quality Division

8/14/95
Date of Issuance

Director
Department of Environmental Quality

RLE/b/53474.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-319, Reference 94-411 and 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, 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 from the requirements of Section 15.

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

NOT Applicable

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

NOT Applicable

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:

NOT Applicable

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:

NOT Applicable

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.

NOT Applicable

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.

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.

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 Ronald L. Ewald, Senior Analyst and completed on August 7, 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."

RE/b/53474.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-320
SPECIAL CONDITIONS

Cottonwood Village Water and Sewer Mains-Phase I

This permit hereby authorizes the applicant:

Cottonwood Village LTD
P.O. Box 2080
Mills, Wyoming 82644

to construct, install or modify water and sewer mains according to the procedures and conditions of the application number 95-320. The facility is located in the NE/4 of Section 22, Township 33 North, Range 80 West in the county of Natrona County, 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 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 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

8-1-95
Date of Issuance

BDM/pr: August 8, 1995

cc: Robert Bennett, P.E., CEPI, 355 N. Lincoln St., Casper, WY 82601

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-320

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.

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 8, 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."

51933.DOC

[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. 95-321
SPECIAL CONDITIONS

Wyoming Youth Treatment Center Waterline Replacement

This permit hereby authorizes the applicant:

Wyoming Youth Treatment Center
1514 E. 12th Street
Casper, Wyoming 82601

to construct, install or modify a waterline according to the procedures and conditions of the application number 95-321. The facility is located in the SE/4 of the NE/4, Section 10, 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 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 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

8-8-95
Date of Issuance

BDM/pr: August 3, 1995 /nc 53443.LTR

cc: Rob Bennett, P.E., CEPI, 355 N. Lincoln St., Casper, Wyoming 82601

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-321

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 3, 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."

BDM/pr: August 3, 1995 /nc 53443.LTR

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

RF

LAND APPLICATION PERMIT

x New
Renewal
Modified

PERMIT NO. 95-322
SPECIAL CONDITIONS

Torrington Wastewater Treatment Sludge Disposal

This permit hereby authorizes the applicant:

Town of Torrington
2042 East A street
Torrington, WY 82240

to land apply domestic sludge on a one time only basis which meets the requirements of CFR 503 for class B sludge according to the procedures and conditions of the application number 95-322. The application site is located in Sections 28 & 33, T24N, R61W in the county of Goshen, in the State of Wyoming. This permit shall be effective for 2 years.

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 standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

Nothing in this permit constitutes an endorsement by the DEQ of the land application described herein. This permit verifies only that the submitted application meets the 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 of, the permitted activity. The permittee, owner and/or operator are solely responsible for any liability arising from the land application. By issuing this permit, the state does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, Water Quality Division (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 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 permittee shall notify representatives from the 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: Southeast District Office, 122 W. 22nd Street, Herschler Bldg,4W, Cheyenne, WY 82002 , (307) 777-7781.

2 of 4. The permittee shall 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 to the approved permit package.

3 of 4. 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 Southeast District Office on the attached Certification of Completion form.

a. Date that the land application was completed; and

b. Certification the land application was done in accordance with the terms and conditions of the permit; or

c. Certification the land application was completed with changes or modifications. Submit the information necessary to clearly indicate the land application as actually performed. This information shall include a contour map depicting only those sections that actually received domestic sludge.

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

9/5/95
Date of Issuance

GLS/mad 53829.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-322

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

No

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

Yes

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

No

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

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

Applicable portions of Chapter XI Part E

B. Briefly state the basis for the deviation.

CFR Part 503 was passed after Part E of Chapter XI was adopted. The 503 sludge regulations are applicable whether a permit is issued or not. Sludge application is being approved Under Section 5 of Chapter XI of the Water Quality Rules and Regulations. The Water Quality Division is accepting EPA approval of this land application in accordance with the 503 regs as meeting the requirements of Section 5 of Chapter XI.

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 groundwater will be protected. (... out only the applicable sections and indicate sections that are not applicable.)

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

N/A

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

N/A

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

N/A

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

The sludge is to be applied at agronomic rates which will not create a groundwater violation.

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.

All monitoring will be in accordance with the CFR Part 503 Sludge Regulations. This monitoring includes preliminary testing of the sludge as well as nutrient monitoring of the land application area.

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 August 28, 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."

42901.DOC

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

(X) New
( ) Modified

Permit Number: UIC 95-323R
Subclass Number: 5W32

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations, Chapter III (March 28, 1988), and Chapter IX (September 4, 1980),

Applicant: FMC Wyoming Corporation
P.O. Box 872
Green River, WY 82935
(307) 872-2196

is authorized to operate the Shaft Number 5 Wastewater Facility in the NE¼NE¼, Section 34, Township 19 North, Range 110 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 95-323 and requirements and other conditions of this permit as contained in pages 1 through 7.

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

9-11-95
Date

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

9-11-95
Date

A. DISCHARGE ZONE AND AREA OF REVIEW

Discharge Zone:

This injection facility (sanitary leachfield) is authorized to inject into the weathered surface of the Jim Bridger Formation which is found at this location from zero to 40 feet below the ground surface.

Area of Review

The facility authorized by this permit is located in:

Township 19 North, Range 110 West, 6th Principal Meridian
Section 34: NE¼NE¼

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

Township 19 North, Range 110 West, 6th Principal Meridian
Section 26: SW¼SW¼
Section 27: SE¼SE¼
Section 34: NE¼

B. GROUNDWATER CLASSIFICATION

The groundwater, if any, in the weathered surface of the Jim Bridger Formation is classified as class III under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

a. It is very likely that there is no groundwater in this formation other than effluent from this system and prior systems on the same site. Effluent from the septic tank should meet all of the quality standards set forth in Chapter VIII for class III water after discharge through a septic tank and leachfield system;

Groundwater of class III shall not be degraded so as to make it unusable as a source of water for this purpose. Any parameters which do not meet the class of use standard shall not be degraded whatsoever.

C. AUTHORIZED OPERATIONS

The permittee is authorized to inject 95 barrels per day,(4,000 gallons per day) of wastewater as described: Sanitary waste only from a mine shaft building, including waste from the miner's dry. The permittee is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield.

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

D. ENVIRONMENTAL MONITORING PROGRAM FOR GROUNDWATERS OF THE STATE

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:

a. The date, exact place, and time of sampling or measurements;
b. The name(s) of individual(s) who performed the sampling or measurements;
c. The date(s) analyses were performed;
d. Names of individuals who performed the analyses;
e. The analytical techniques or methods used; and
f. The results of such analyses.

4. Monitoring of the groundwater in this case is waived (unless effluent UCL's are exceeded) based on the fact that groundwater flow is toward a major evaporation basin receiving tailings. The small amount and concentration of septic waste discharged at this facility, compared to the massive volume of waste in the tailings lake make monitoring of this facility separately a moot point.

E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on the following schedule. The following parameters shall be analyzed by the listed methods and reported semiannually:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Semi-Annually in May and October	EPA 200 Series Methods	Cadmium	.010
		Chromium	.050
		Lead	.050
	EPA Method 420.1	Total Phenols	.250
	EPA Method 350.3	Ammonia as N	50.0
Annually	EPA Method 624	Purgeable Aromatic and Halogenated Hydrocarbons	Federal Drinking Water MCL's

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm.

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 the event that any contaminant is found to exceed the above UCL's FMC shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. The permittee shall prepare a plan for the installation of downgradient wells in the event that any parameter remains above the above upper control limit for three consecutive samples. Such a plan shall include provisions for quarterly sampling for all parameters which might be elevated as a result of the operation of the septic system. FMC shall consult with WQD at that time to determine what parameters should be monitored. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.

2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.

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

4. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.

   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

   A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

5. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.

6. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.

7. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandoned procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, a groundwater pollution control permit has been issued by the department for the proposed operation, and:

   a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,

   b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and

c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.

9. The semi-annual report of operations for this facility shall be submitted on forms provided by the department and shall include the following information:

a. Any permit exceedances within the previous six months.

b. The analytical results for sampling for the injected water and any groundwater sampling results required under Section D or E of this permit.

c. Semi-annual reports are due in the Cheyenne office of the Water Quality Division no later than July 1 and December 1 of each year.

10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

G. GENERAL PERMIT CONDITIONS

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

1. Violation of the permit;

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

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

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued. A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council. This permit can be terminated by authority of the administrator for one or more permit violations.

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

Any permit noncompliance constitutes a violation of the permit.

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

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

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.

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.

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

H. DUTIES OF THE PERMITTEE

It is a duty of the permittee to:

1. Comply with all permit conditions;

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

3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and

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

I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

In the event that sewage is found to be surfacing from the leachfield covered by this permit, this is a violation of this permit and shall be reported immediately as required by Section F of this permit. In the event that the leachfield covered by this permit should fail, it is not necessary to modify this permit to allow for the replacement leachfield shown on drawing 4-14293-AC (as received by DEQ 8/21/95) of the plans to be installed, so long as the construction specifications remain the same. FMC shall notify the department that the replacement leachfield is to be installed within 90 days of determining that the primary leachfield has failed.

The Water Quality Division finds that this discharge will not affect any aquifer which is an existing source of drinking water. Public notice has therefore not been required under Chapter IX, Section 7(a)(8).

J. SIGNATORIES REQUIREMENT

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

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

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

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

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

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

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

3. The written authorization is submitted to the administrator.

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

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

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

RL/bb/53926.ltr

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: FMC Wyoming Corporation, Number 5 Shaft Septic System

ENGINEER: Dan Dean, P.E. 2480; Crank Companies, Inc., P.O. Box 671, Kemmerer, WY 83101

APPLICANT: FMC Wyoming Corporation, C/O Wes Nash, P.O. Box 872, Green River, WY 82935

WATER QUALITY DIVISION REFERENCE NUMBER: 95-323

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: August 1, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Where were the perc tests located? The locations should be shown on Drawing 4-14293-AC or one of the other drawings included in the application.

2. Chapter XI requires that a replacement area be designated. Where is the replacement area for this system? Nothing is shown on Drawing 4-14293-AC.

3. Was a groundwater study done in the original permit 80-301R? If not, then Chapter III, Section 15 requires that a groundwater study be conducted. This department could waive this requirement if regional information collected for the FMC mine indicates that the flow is entirely toward the tailings basin located just north of this site, or if the groundwater is class III, IV, or VI.

4. The plan submitted includes an engineering design report. This report is required in order to determine how the system was designed and what controls were determined to be necessary for each part of the system. Chapter XI, Section 40(c) requires that, for systems over 2,000 gallons per day, all requirements of Part B, Chapter XI be met. Chapter XI, Section 9(d)(i) requires that cleanouts be provided at the ends of sewer lines not more than 150 feet from a manhole. This will require that both ends of the new 4" sewer pipe be provided with cleanouts. Chapter XI, Section 9(f)(ii) deals

with separation distances between sewers and water lines. The detail shown on Drawing 4-14293-AC shows the sewer line crossing above the water line. If there is any way to do it, the sewer line should cross below the water line. If not, then the sewer line must be sleeved in accord with Chapter XI, Section 9(f)(ii).

5. The design submitted for the Infiltrator soil absorption system will not provide for even distribution of the effluent. Using the design submitted, the sections of Infiltrator closest to the influent will take water preferentially over the sections farther away. A distribution box should be designed so that each leg of the leachfield receives a proportional share of the total flow.

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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 UIC 95-324
Reference old permit: NONE

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: Rio Algom Mining Corp.
6305 Waterford Blvd., Suite 325
Oklahoma City, OK 73118
(405) 848-1190

is authorized to operate the Smith Ranch Disposal Well located in the center of the NE¼, Section 35, Township 36 North, Range 74 West, of the 6th Principal Meridian, Converse County; according to the procedures and conditions of application 95-324 and requirements and other conditions of this permit as found on pages 1 through 12.

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

Date 9/28/95

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

Date 9/29/95

A. Discharge Zone

This injection well is authorized to inject into the Parkman, Teapot and Teckla Formations which are found in the well bore from 9,475 to 9,919 feet, 9,137 to 9,371 feet, and 8,559 to 8,671 feet below the ground surface respectively. Additional perforations may be installed within the above named interval of the authorized formations with the prior approval of the Water Quality Division. The initial perforations in this well are as follows:

Parkman Formation: from 9,528 to 9,551; from 9,487 to 9,503; from 9,461 to 9,483; from 9,432 to 9,448; and from 9,358 to 9,428 feet below the ground surface.

Teapot Formation: from 9,070 to 9,188 feet below the ground surface.

Teckla Formation: from 8,834 to 8,841; from 8,823 to 8,831; from 8,810 to 8,816; from 8,787 to 8,798; from 8,743 to 8,776; and from 8,712 to 8,737 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, in this case between 8,059 and 8,559 feet.

B. Area of Review

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

Township 36 North, Range 74 West, 6th Principal Meridian
Section 35: Center of the NE¼

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

Township 36 North, Range 74 West, 6th Principal Meridian
Section 25: All
Section 26: All
Section 35: All
Section 36: All

C. Groundwater Classification

The groundwater in the Parkman, Teapot and Teckla Formations 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 between 3,000 and 10,000 mg/l of Total Dissolved Solids, but cannot be reasonably expected to provide a source of drinking water because of its extreme depth of burial;

and/or

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

D. Authorized Operations

The permittee is authorized to inject 5,143 barrels per day, (216,000 gallons per day) of industrial processing wastes from the Smith Ranch In Situ Mine as described:

DESCRIPTION OF PROCESSING WASTE:
Process area wash down water
Eluate solution as decanted from the uranium precipitation circuit
Wash waters decanted from yellowcake settling (thickening)
Sand filter backwash waters
Ion Exchange screening wash waters
Laboratory wastes from a laboratory located on the Smith Ranch Project.
Reverse Osmosis or Electrodialysis Brine Concentrate from Aquifer Restoration Efforts

The permittee is authorized to inject at a pressure of no more than 1993 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded on a chart recorder.

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.

The permittee shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. The pressure maintained shall be not less than 200 psig nor more than 800 psig as measured at the wellhead.

The wastes injected are from operations described by the following SIC codes: 03 and 109. The permittee is authorized to accept and dispose of fluids from other similar in situ leaching operations with prior WQD approval.

Produced water from oil and gas operations may be accepted for disposal with prior WQD approval. Fluids from other industrial operations may be accepted for disposal with prior WQD approval. Analyses will be required prior to injection of any waste not produced on the project covered by LQD Permit to Mine 633. The exact parameters to be analyzed will be determined prior to accepting any such waste. The permittee shall contact WQD for guidance prior to ordering analyses. For any waste which is not exempt from RCRA regulation at the time of injection, the permittee shall provide at a minimum, tests for EP corrosivity, EP Toxicity using the Toxicity Characteristic Leaching Procedure (TCLP), EP Ignitability, and EP Reactivity. The Water Quality Division may waive in writing the requirement for individual tests based on the source and nature of the waste to be disposed of.

Injection shall not commence until such time as an approval has been issued in writing by the Water Quality Division for that particular waste. The Water Quality Division may issue approvals under this permit for injection of industrial waste from a single source for up to three years from the date of the original analyses. Such approvals may require additional analyses during their term.

The composite injection stream may also contain a small amount of Nalco 7801 corrosion inhibitor. Nalco 7801 is an aqueous solution of alkonal amine phosphate ester and ethylene glycol. The composite injection stream may also contain a small amount of Betz GCP-188 deposit control additive. The composite injection stream may also contain a small amount of Tretolite SP-200 scale inhibitor. The composite injection stream may also contain a small amount of Tretolite NC-370 Biocide added to control bacterial growth in the injection system. The use of other additives is authorized provided that the permittee shall provide MSDS sheets for all such additives, the amounts to be used, and shall obtain written approval from the Water Quality Division prior to using any other additive.

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. The wastes to be injected from the Smith Ranch project are exempt from RCRA regulation under the Beville Amendment to RCRA.

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 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

A monitoring program is required to establish baseline water quality of the receiving formation and to insure knowledge of migration and behavior of the discharge. The permittee is required to provide detailed information concerning the quality of the groundwater in the receiver of this injection well. At a minimum, the groundwater in the receiving formation shall be sampled prior to the injection of any fluid under this permit. This sample shall be analyzed for the following parameters at a minimum:

PARAMETERS		
Calcium	Magnesium	Sodium
Sulfate	Chloride	Potassium
Carbonate and Bicarbonate	Total Dissolved Solids	pH
Conductivity	Specific Gravity	Viscosity

Because of the depth of injection and the amount of groundwater sampling already required in the general vicinity of this facility, no groundwater monitoring for the near surface groundwaters (USDW's) is required.

I. Requirements for Monitoring the Discharge

The permittee shall monitor the injection pressure continuously and record those readings on a strip chart recorder, a circular chart recorder, or digitally by computer interface with the pressure transducer on the well or in the injection plant. A high pressure kill switch shall also be installed on the injection tubing. This devices shall be set to preclude violations the maximum injection pressure.

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

The permittee shall monitor continuously the pressure on the casing/tubing annulus and shall maintain a positive pressure on that annulus. The pressure maintained shall be not less than 200 psig nor more than 800 psig. The permittee shall record the annulus pressure continuously on a strip chart recorder, a circular chart recorder, or digitally by computer interface with the pressure transducer on the wellhead. A High/Low pressure kill switch shall also be installed on the casing/tubing annulus. This device shall be set to preclude violations of the permit for annulus pressure.

The permittee shall shut the wells 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. This test shall be analyzed by the permittee using the

either the Miller Dyes Hutchinson (MDH) method or the Horner Method. In either case, graphs of this test shall be submitted to include either the MDH or Horner Plot and a Log-Log Plot after injection. From these plots, the Transmissivity in md-ft/cp, the permeability in md, and the dimensionless skin factor shall be calculated and submitted to WQD with the next quarterly report after the test is done.

The first pressure falloff curve described above shall be run within the first 90 days of operation. This first pressure falloff curve shall be run using gauges with an accuracy of .01 psi and shall continue until ambient reservoir pressure has been reached, even if this requires the use of down hole gauges to measure pressures of less than atmospheric. In addition, the Administrator may require the use of similar gauges on any subsequent test after the first test, if this procedure is deemed necessary to make proper interpretations of the data.

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:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT OR (UCL)*
Quarterly	EPA Method 160.1	Total Dissolved Solids	No Limit
	EPA Method 310.1	Total Alkalinity	No Limit
	EPA Method 350.3	Ammonia as N	No Limit
	EPA Method 908.1	Natural Uranium	65.0
	EPA Method 903.1	Radium 226	No Limit
	EPA Method 150.1	pH	>2.0, <11.0

*All chemical parameters listed in this permit are expressed in mg/l unless otherwise shown. pH is always expressed in standard units, and Conductivity is always expressed in mmhos/meter or umhos/cm. The permittee shall use the above listed methods unless an alternate method is first approved by the WQD. The above analyses shall be done on samples which are composited from at least four samples taken over a period of at least two weeks.

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 notification under section K of this permit. Failure to perform and report analyses in accordance with the prescribed schedule and method is also a violation of this permit.

J. Test Procedures

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 a duplicate sample at least once per year.

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

K. Records and Reports

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.

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.

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.

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.

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.

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

The quarterly report of operations for this well shall include the following information:

a. The minimum, average and maximum daily injection rate 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 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 gallons for each month of the quarter, the total for the quarter, the total cumulative injected to date.

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

e. Any permit exceedances within the quarter.

f. Any tests run during the quarter. This includes, but is not limited to, the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.

g. The analytical results for sampling for the injected water and any groundwater sampling results required under Section H.

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.

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 injection pressure and volume for over time the previous five year's operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.

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 scales to show the variation.

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

L. Permit Actions

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.

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.

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.

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

1. Violation of this permit;

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

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

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

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. Prior to injection and at least once every five years, and

more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 2,000 psig. A successful test shall show that there has been negligible pressure loss after 15 minutes at 2,000 psig.

Part II of the Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing. Prior to injection and at least once every five years, and more frequently if required by the administrator, each of these wells shall be logged using a radioactive tracer log and a temperature log and the results and their interpretation shall be reported to the Water Quality Division along with the next quarterly report.

Other types of logs may be substituted for Part II of the Mechanical Integrity Test with the prior written approval of the Water Quality Division.

Prior to injection a cement bond log shall be run. This log shall include a micro-seismogram section. This log shall be submitted to the Water Quality Division along with the first quarterly report on the injection. The cement bond log must show good quality bond to a point no deeper than 200 feet above the top of the Lewis Shale and extending downward to at least the bottom of the Lewis Shale.

Should any of the above tests show a lack of mechanical integrity, the Water Quality Division shall be notified by telephone within 24 hours and with a written report within 7 days. In the case of a failed mechanical integrity test, the well shall be immediately shut-in. Injection shall not resume until the well has been repaired and a complete mechanical integrity test has been passed and the Water Quality Division has approved these tests.

If at any time injection occurs in any zone not within the permitted receiver, a permit violation has occurred. The operator shall prepare an estimate of the volume and quality of all wastewaters which were injected outside of the permitted receiver. In the case where any aquifer meeting the standards for class I through IV under Chapter VIII has been contaminated due to out of zone injection, the operator shall prepare and implement a plan to recover these solutions and inject them into the proper receiver.

N. Abandonment

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

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.

At the time of permanent abandonment, the following procedure shall be followed: A minimum of 200 sacks of cement shall be squeezed through the perforations using a cement retainer set at the approximate depth of the production packer. The casing above the retainer shall then be filled with cement to a level 200 feet above the top of the Lewis Shale. A 50 sack plug shall be placed at the top of each of the following formations: Fox Hills, Lance and Fort Union Formations. The entire surface casing shall then be filled with cement with a standard dry hole marker welded to a blind flange to be bolted to the exposed casing flange. Regardless of the above procedure, the abandonment procedure used shall not be less stringent than the procedure required by the Oil and Gas Conservation Commission for abandoned oil wells at the time of abandonment.

This well shall be properly abandoned within six months of the end of operation. This well shall be considered temporarily abandoned any time there has been no injection for six full months. If this wells is temporarily abandoned at any time, the operator may retain it in this status so long as all monitoring equipment is maintained in working order and all pumps are also maintained. During the period of temporary abandonment, all reports shall be filed as for an active well, but monitoring of the injected fluid is waived. Should the operator remove any of the required equipment from service other than for maintenance, then the wells shall be permanently abandoned within six months of that time.

O. Duties of the Permittee

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.

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.

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.

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.

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

P. Financial Responsibility

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. This requirement has been met by self bond number SBNC-049 covering facilities included in Land Quality Division Permit to Mine 633. SBNC-049 includes $71,342.00 to cover the cost of plugging, abandonment and post closure care for this well. 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

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).

The long string casing shall be cemented in place essentially from top to bottom. This will require that a second stage cement job be conducted with a sliding sleeve set within the Fox Hills Formation. This is in accordance with statements made on page 17 of the application which conflicts with Exhibit 13-2 of the same application. The permittee shall modify the procedure found in Exhibit 13-2 of the permit prior to the installation of the well to include a two stage cement job on the long string.

R. Signatories Requirement

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."

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

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 non-compliance constitutes a violation of this permit.

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

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.

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

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

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.

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/mad 54247.LTR

RF

PERMIT TO CONSTRUCT

x New
Renewal
Modified

PERMIT NO. 95-325
SPECIAL CONDITIONS
REF/PERMIT #

Laramie Facilities for Isolation of 8 MG Low Level Reservoir

This permit hereby authorizes the applicant:

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

to modify an existing pump station and install an emergency blowoff line according to the procedures and conditions of the application number 95-325. The facility is located in SW 1/4 Section 35, T16N, R73W in the county of Albany, 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 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 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 proposed modifications in this Permit Application package are being constructed so that an 8MG water tank can be taken off line later this winter. A modification to this permit or an additional Permit to Construct is required for the construction of a sedimentation basin and or dechlorination basin. Any corrective action measures or modifications to the 8MG tank will also need to covered in a Permit to Construct as well.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8/14/95
Date of Issuance

GS/b/53473.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-325

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

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.

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.

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 August 7, 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."

GS/b/53473.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-326
SPECIAL CONDITIONS
REF/PERMIT #

United Blood Services

This permit hereby authorizes the applicant:

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

to modify a portion of the existing distribution system and to install 2 fire hydrants according to the procedures and conditions of the application number 95-326. The facility is located in Section 30, T14N, R66W in the county of Laramie, in the State of Wyoming. This permit shall be effective for a period of 2 years from the date of issuance of this permit.

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

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-15-95
Date of Issuance

GLS/b/53522.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-326

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

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.

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.

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 August 9, 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."

GS/b/53522.ltr

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-327R
SPECIAL CONDITIONS

Fox Run Subdivision Phase III

This permit hereby authorizes the applicant:

JS Construction
2712 Commercial Way
Rock Springs, Wyoming 82901

to construct wastewater collection and water distribution facilities according to the procedures and conditions of the application number 95-327R. The facility is located in the NW/4 of Sec 33, 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 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 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 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, 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

8-28-95
Date of Issuance

MDR/nc 53709.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-327R

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.)

Not Applicable

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.)

Not 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.)

Not 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.

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 Mike Roberts, engineer, and completed on 22 August 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."

MDR/nc 53709.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-328
SPECIAL CONDITIONS

1995 Capital Improvement Project, Green River, Wyoming

This permit hereby authorizes the applicant:

City of Green River
50 E 2nd N
Green River, WY 82935

to construct water mainline pipe according to the procedures and conditions of the application number 95-328. The facility is located in SE¼ S22 T18N R107W 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 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.

.thing 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 authorizatio. 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, 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

8-28-95
Date of Issuance

RRT/nc 53545.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-328

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.)

Not Applicable

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.)

Not 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.)

Not 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.

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 Randall Taylor, S.W. District Engineering Supervisor, and completed on 11 August 1995. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

RRT/nc 53545.LTR

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-329
REF. NO. 79-669

FMC CORPORATION

This permit hereby authorizes the applicant:

FMC Wyoming Corporation
William G. Walter, President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify plant solids lake and dikes according to the procedures and conditions of the application number 79-669. The facility is located in Section 22, T19N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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

December 4, 1979
Date of Issuance

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

RRT/mad 53556.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 79-669 to FMC Wyoming Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

FMC Wyoming Corporation	FMC Corporation
Name William G. Walter, President	Name Robert J. Fields, Vice President
Address 1735 Market Street	Address 1735 Market Street
Philadelphia, PA 19103	Philadelphia, PA 19103
Telephone (215) 299-6000	Telephone (215) 299-6000

60173.7

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-330
REF. NO. 80-301

FMC NUMBER 5 SHAFT SEWAGE SYSTEM

This permit hereby authorizes the applicant:

FMC Wyoming Corporation
William G. Walter, President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify septic tank - leach bed according to the procedures and conditions of the application number 80-301. The facility is located in Section 34, T19N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

August 5, 1980
Date of Issuance

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

RRT/mad 53557.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Corporation (Original Owner) intends to transfer ownership of the facility associated with Permit Number 80-301R to FMC Wyoming Corporation (New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

William Walter
FMC Wyoming Corporation

Name William G. Walter, President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

Robert I. Harries
FMC Corporation

Name Robert I. Harries, Vice President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

60173.5

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-331
REF. NO. 80-537

WELL SITE CONTROL BUILDING SMALL WASTEWATER FACILITY

This permit hereby authorizes the applicant:

FMC Wyoming Corporation
William G. Walter, President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify small wastewater according to the procedures and conditions of the application number 80-537. The facility is located in Section 36, T17N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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

November 18, 1980
Date of Issuance

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

RRT/mad 53558.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 80-537RR to FMC Wyoming Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

FMC Wyoming Corporation

Name William G. Walter, President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

FMC Corporation

Name Robert I. Harries, Vice President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-332
REF. NO. 81-570

FMC NO. 8 SHAFT SEWAGE SYSTEM

This permit hereby authorizes the applicant:

FMC Wyoming Corporation
William G. Walter, President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify sewage collection system, three spetic tanks and a disposal bed according to the procedures and conditions of the application number 81-570. The facility is located in Section 5, T18N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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

October 23, 1981
Date of Issuance

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

RRT/mad 53559.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 81-570RR to FMC Wyoming Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

William G. Walter
FMC Wyoming Corporation

Name William G. Walter, President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

Robert I. Harries
FMC Corporation

Name Robert I. Harries, Vice President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

60173.6

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-333
REF. NO. 88-324

FMC WYOMING CORPORATION SANITARY SEWAGE LAGOON

This permit hereby authorizes the applicant:

FMC Corporation
Robert I. Harries, Vice President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify sanitary sewage lagoon expansion according to the procedures and conditions of the application number 88-324. The facility is located in Section 15, T19N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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.

1 of 2. Well Number 16 will be monitored every six months for one year for the following parameters:

Ammonia (NH_3-N)
Nitrate (NO_3-N)
Sulfate
Chloride
TDS

2 of 2. The monitoring records for well number 18 for the past three years shall be provided to establish a background.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

November 22, 1988
Date of Issuance

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

RRT/mad 53560.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Wyoming Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 88-324R to FMC Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

William G. Walter	Robert I. Harries
FMC Wyoming Corporation	FMC Corporation
Name William G. Walter, President	Name Robert I. Harries, Vice President
Address 1735 Market Street	Address 1735 Market Street
Philadelphia, PA 19103	Philadelphia, PA 19103
Telephone (215) 299-6000	Telephone (215) 299-6000

60173.4

AS-BUILT
PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-334
SPECIAL CONDITIONS
REF/PERMIT 87-028

UNDERDRAIN CONTROL STRUCTURE NO. 1

This permit hereby authorizes the applicant:

FMC Corporation
Robert J. Fields, Vice President
1735 Market Street
Philadelphia, Pa 19103

to have constructed, installed or modified underdrain trench pumpback system according to the procedures and conditions of the application number 87-028. The facility is located in Section 22, T19N, R110W in the county of Sweetwater, in the State of Wyoming.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

June 22, 1988
Date of Issuance

KLE/mad 53595.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Wyoming Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 87-028R to FMC Corporation

(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

William Walter
FMC Wyoming Corporation

Name William G. Walter, President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

Robert J. Fields
FMC Corporation

Name Robert J. Fields Vice President

Address 1735 Market Street

Philadelphia, PA 19103

Telephone (215) 299-6000

60173.

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-335
REF. NO. 88-070

FMC WYOMING CORPORATION

This permit hereby authorizes the applicant:

FMC Corporation
Robert I. Harries, Vice President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify groundwater contamination recovery system according to the procedures and conditions of the application number 88-070. The facility is located in Section 27, T20N, R117W in the county of Lincoln, 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: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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.

1 of 14. Before recovery begins, static water levels will be measured from a common datum. These measurements will be taken in monitoring wells 1, 2 and 3 and the recovery well. Also, the water will be tested for volatile organics, BTEX, methlyene chloride, 1,2-dichlorethane, and ethylene glycol in each of these wells.

2 of 14. Once the recovery system has been installed, the owner will provide the Department of Environmental Quality (DEQ), Water Quality Division (WQD), with the following information:

a. Monthly analysis of recovered water and analysis of monitoring wells 1, 2 and 3 for benzene, methylene chloride and ethylene glycol.

b. Bi-weekly (every two weeks) reports including pumping water levels and static water levels of the recovery system. Measurements should be taken immediately before pumping ends and immediately before pumping begins respectfully, noting the time. Also included in these be-weekly reports will be the static water levels for monitoring wells 1, 2 and 3. Measurements should be taken initially in the morning before recovery starts and twice during the day during the recovery process. The time measurements taken must also be noted. Part (b) condition (2) will only continue until a recovery gradient is established.

3 of 14. The recovery pump inlet will be a minimum of 10 feet below the static water level.

4 of 14. Disposal of recovered fluid will be used for dust control on roads and will not be used within 300 feet of any ephemeral drainage or channel.

5 of 14. In the event that DEQ/WQD feels that groundwater remediation is not progressing satisfactorily, or, proper disposal of recovered product is not possible due to winter conditions, an alternative plan will be submitted to the division within 30 days.

6 of 14. The recovery system will be in working order on or before June 1, 1988.

7 of 14. The recovery system will be operated as often as sufficient re-charge will allow during favorable weather and working days of the week.

8 of 14. The permittee shall notify the DEQ/WQD 15 days prior to the exact dates of installation.

9 of 14. The issuance of this permit does not relieve the permittee from obligations to complete any further remedial actions which may be necessary.

10 of 14. The permittee shall notify the division of the name and address of any person(s) (other than permittee personnel) who will operate the recovery system.

11 of 14. Proper well evacuation, sample collection, preservation, transportation and chemical analytical procedures shall be completed in accordance with WQD standard procedures.

12 of 14. The recovery well shall be installed in accordance with the conditions of this permit and the plans and specifications submitted in permit to construct application number 88-070. 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).

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

14 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 is installed:

a. After the bentonite has been placed in the annular space, it shall be hydrated to ensure a proper seal;

b. 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;

c. Factory slotted casing is recommended for the perforated interval. slotted casing shall extend 1-2 feet above highest expected groundwater table;

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

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

f. The recovery well shall be developed by the use of a pump or bailer so that representative groundwater samples can be collected.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

March 28, 1988
Date of Issuance

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

KLE/mad 53599.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Wyoming Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 88-070 to FMC Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

FMC Wyoming Corporation	FMC Corporation
Name William G. Walter, President	Name Robert I. Harries, Vice President
Address 1735 Market Street	Address 1735 Market Street
Philadelphia, PA 19103	Philadelphia, PA 19103
Telephone (215) 299-6000	Telephone (215) 299-6000

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-336
REF. NO. 90-269

FMC PIPELINES CATHODIC PROTECTION GROUNDBEDS

This permit hereby authorizes the applicant:

FMC Corporation
Robert I. Harries, Vice President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify deep groundbed anode system according to the procedures and conditions of the application number 90-269. The facility is located in Statewide in the county of Statewide, in the State of Wyoming. This permit shall be effective for a period of five (5) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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.

1 of 5. The cathodic protection deep anode ground bed shall be installed in accordance with the conditions of this permit and plans and specifications submitted in permit to construct application number 90-269.

2 of 5. After the deep anode bed has fulfilled its useful purpose, it shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. Within 45 days after the well is plugged and abandoned, the owner shall file a plugging record with the Water Quality Division.

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

a. All aquifers encountered while drilling shall be isolated from one another using a bentonite seal of at least two feet in vertical dimension.

b. The coke breeze shall be a high quality product containing a minimum of leachable metals, or organic pollutants.

4 of 5. Within 45 days after the well has been installed, as-built construction plans shall be submitted to the Wyoming Department of Environmental Quality, Water Quality Division, detailing that the groundwater was protected during the installation of the groundbeds.

5 of 5. An unlimited number of similar anodes may be installed during the term of this permit statewide. All installation are to have similar construction specifications.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

August 22, 1990
Date of Issuance

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

KLE/mad 53594.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Wyoming Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 90-269 to FMC Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

William G. Walter	Robert I. Harries
FMC Wyoming Corporation	FMC Corporation
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Address 1735 Market Street	Address 1735 Market Street
Philadelphia, PA 19103	Philadelphia, PA 19103
Telephone (215) 299-6000	Telephone (215) 299-6000

60173.3

PERMIT TO CONSTRUCT

New
Renewal
X Modified - CHANGE OF OWNER

PERMIT NO. 95-337
REF. NO. 92-313

FMC UNDERDRAIN STRUCTURE NO. 2

This permit hereby authorizes the applicant:

FMC Corporation
Robert J. Fields, Vice President
1735 Market Street
Philadelphia, PA 19103

to construct, install or modify storm pond underdrain structure and construction of a new sump according to the procedures and conditions of the application number 92-313. The facility is located in Section 14, T19N R110W in the county of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of two (2) years from the date of issuance of this permit.

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

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

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

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

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: State of Wyoming, Department of Environmental Quality, Water Quality Division, 250 Lincoln, Lander, Wyoming 82520; (307) 332-7726.

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

December 4, 1992
Date of Issuance

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

KLE/mad 53593.LTR

PERMIT TRANSFER REQUEST

Date: June 30, 1995

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

To Whom It May Concern:

FMC Wyoming Corporation intends to transfer ownership of the facility
(Original Owner)
associated with Permit Number 92-313 to FMC Corporation
(New Owner)

on June 30, 1995. It is requested that the said permit be transferred to the new owner in accordance with section 10(c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

FMC Wyoming Corporation	FMC Corporation
Name William G. Walter, President	Name Robert J. Fields, Vice President
Address 1735 Market Street	Address 1735 Market Street
Philadelphia, PA 19103	Philadelphia, PA 19103
Telephone (215) 299-6000	Telephone (215) 299-6000

60173.

R7

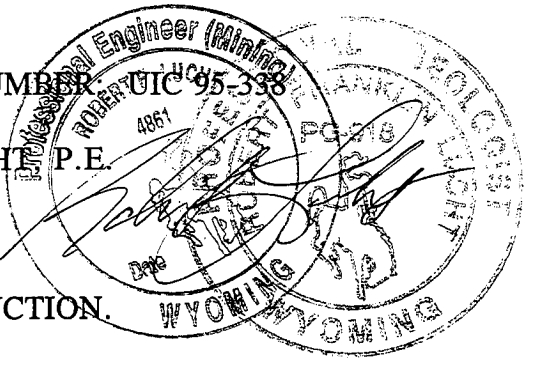
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Church and Dwight, Green River Septic

ENGINEER: Karen Halvorsen, P.E. 6325, Trihydro Corporation
920 Sheridan
Laramie, WY 82070

APPLICANT: Church and Dwight Co., Inc.
P.O. Box 123
Green River, WY 82935



WATER QUALITY DIVISION REFERENCE NUMBER: UIC 95-338

REVIEWING ENGINEER: ROBERT F. LUCHT, P.E.

DATE OF REVIEW: October 5, 1995

ACTION: NOT AUTHORIZED FOR CONSTRUCTION.

COMMENTS:

1. Chapter III, Section 15 requires that a groundwater study be conducted. In this application, no such study was included but various solid waste permits were referenced. This division has obtained the records from the Church and Dwight #2 Industrial Landfill for review as part of this permit. The existing records satisfy part of the requirements for a groundwater study, but these records are not complete with groundwater levels, and I could find no general water quality analyses in those files. The application states that the depth to groundwater is around 20 feet and marginal notes in the existing solid waste file tend to support this. If the groundwater is actually 20 feet deep, the effluent will probably influence the groundwater in the immediate area. In order to provide a more complete picture of the groundwater in the area, the applicant should provide: Static water levels in monitor wells TH MW-1, TH MW-2, TH MW-3, WSH 86-1, WSH 86-2, and WSH 86-3 all monitor wells installed as part of the solid waste application in 1986 or before. In addition, the depth of the groundwater southeast of the leachfield needs to be determined. There are probably other monitor wells in that area which we have not been made aware of.

   The need for a groundwater study is based on both existing uses and potential future uses of the groundwater. It is also needed in order to answer basic questions about the operation of a system. In your case, I would be surprised if monitoring of the groundwater will be required on a long term basis. I make this statement based on the

fact that groundwater gradients in that area probably end up in FMC's tailings basin and the quality of your effluent will probably meet at least class III groundwater standards.

3. What is the basis for design of this system? It appears that the system is designed for infiltration of the entire 3,000 gallons per day of added waste. At the same time, the system has been designed to drain at a shallow slope to a collection trench at the end of the system. The following comments stem from the above issue:

   a. Infiltrators should be laid level and drainage should not be provided out of the infiltrator bed. As an infiltration system it appears likely that the entire available section of soil below these units will become saturated in approximately 24 days, assuming 20% porosity and that the entire 4 feet of soil is uniformly impacted not only within the mounded leachfield but out to the very limits of the mound.

   b. An infiltration system is not supposed to overflow. It appears from the design that most, if not all, of the additional capacity will simply flow through the new leachfield to the existing lagoon. No information has been provided about the evaporative capacity of the lagoon, its present utilization, or the projected amount of the added wastewater which will report to this lagoon.

   c. The distribution piping for an infiltration system should provide for uniform distribution of the effluent to all infiltrator lines. The proposed design will allow more effluent to discharge to those infiltrator lines which are closest to the discharge and less to be available for the rest of the lines.

   d. What is the need for the overflow if the percolation tests are properly done? It appears that this overflow piping will defeat the purpose of the infiltration system.

   e. Drawings submitted with the most recent design changes indicate that effluent will surface in a drainage ditch and be directed from there to the lagoon. It is not acceptable to allow sewage to surface once it is disposed of in a leachfield system.

5. This system will require a modified operations and maintenance manual to be submitted prior to operation of the modified system. If no operation and maintenance manual was written for the original system, then one manual covering the entire combined system should be written and submitted to this office.

6. Systems for underground management of waste in excess of 2,000 gallons per day require public notice under Chapter IX, Section 7(a)(8) unless information is submitted showing that no aquifer is being impacted. This department will not require that a public

notice be issued since it appears that no existing source of drinking water is being impacted, and indeed no aquifer is being impacted.

7. Systems for underground management of waste in excess of 2,000 gallons per day require that a monitoring plan for the effluent and groundwater be written. The draft permit, when written will contain such a plan. If you wish, you are free, at this time to submit your own monitoring plan or to present such evidence as you may have to justify why no monitoring should be required. I am attaching a typical monitoring plan from a similar system recently permitted in another county for your information.

8. What is the source of the calculated maximum flow in the drainage ditch?

9. The percolation tests were done using holes drilled just to bedrock at 4 feet. Thus, the percolation results are a combination of water infiltrated into the soil through the sides of the holes and into the bedrock through the bottom of the hole. Mounding calculations assume that the water will all infiltrate to the groundwater at twenty feet through the bedrock. Is this actually the case, or will the water actually travel along the bedrock surface and surface on the edges of the mound? Is this actually the reason for the overflow line? What percentage of the present flow actually infiltrates from the bottom of the sand filters? This would be a far better basis for design than the short term percolation tests.

10. To summarize, my concern with this system, as designed, centers on just two issues:

    a. The total flow to the infiltrators has to go somewhere. It will either surface, infiltrate the subgrade to deeper levels, or it will end up in the lagoon system. If it surfaces, this is a violation of the regulations. If it reports to the lagoon and the lagoon is already at capacity, nothing has been accomplished except to spend money. Only if it infiltrates the shale will the system operate efficiently and within the regulations.

    b. Unless the system works by infiltration to the subgrade, there is a very large chance that the system will not even function physically. It would be irresponsible of me to permit this system unless it can be shown to be a functional design.

    Both of these two issues are intrinsically human health issues.

RL/nc 54808.LTR

TELEPHONE MESSAGE FORM
UNDERGROUND INJECTION CONTROL PROGRAM
WATER QUALITY DIVISION
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

CALLER: Jack Bedessam, Trihydro, Inc.

WQD PERSON: Jake Strohman, P.E. Groundwater Program Manager

TELEPHONE: (307) 745-7474

CASE NAME: Church and Dwight

DATE: August 23, 1995

SUBJECT: TELEPHONE REVIEW OF APPLICATION FOR PERMIT #95-338

1. Trihydro will look into methods of insuring that waste infiltrates deeper into the shale subcrop.

2. Trihydro will flatten the slope of the infiltrator system to level.

3. Trihydro will provide information on the size and evaporative capacity of the lagoon which is part of this system. The existing lagoon is full now, but Trihydro feels that this is because of recent rains. Diversion ditches and dikes will be provided to insure that surface water does not enter the system.

4. Trihydro will change the design to provide 36 hours of retention time in the septic system.

RFL/b/53740.ltr

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

( ) New
(X) Modified

Permit Number: UIC 95-338R
Subclass Number: 5W32
Reference 82-669

In compliance with the Wyoming Environmental Quality Act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through (iv), Laws 1973, Ch. 250, Section 1) and Water Quality Rules and Regulations, Chapter III (March 28, 1988), and Chapter IX (September 4, 1980),

Applicant: Church and Dwight Co., Inc.
P.O. Box 123
Green River, WY 82935
(307) 875-2233

is authorized to operate the Church and Dwight Wastewater Facility in the SW¼SW¼, Section 30, Township 19 North, Range 109 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 95-338 and requirements and other conditions of this permit as contained in pages 1 through 7.

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

7/26/96
Date

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

7-30-96
Date

RL/ks
63030.ltr

A. DISCHARGE ZONE AND AREA OF REVIEW

Discharge Zone:

This injection facility (sanitary leachfield) is authorized to inject into the weathered surface of the Jim Bridger Formation which is found at this location from zero to 40 feet below the ground surface.

Area of Review

The facility authorized by this permit is located in:

Township 19 North, Range 109 West, 6th Principal Meridian
Section 30: SW¼SW¼

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

Township 19 North, Range 109 West, 6th Principal Meridian
Section 30: SW¼
Section 31: NW¼

B. GROUNDWATER CLASSIFICATION

The groundwater, if any, in the weathered surface of the Jim Bridger Formation is classified as class III under Chapter VIII of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

a. It is very likely that there is no groundwater in this formation other than effluent from this system and prior systems on the same site. Effluent from the septic tank should meet all of the quality standards set forth in Chapter VIII for class III water after discharge through a septic tank and leachfield system;

Groundwater of class III shall not be degraded so as to make it unusable as a source of water for this purpose. Any parameters which do not meet the class of use standard shall not be degraded whatsoever.

C. AUTHORIZED OPERATIONS

The permittee is authorized to inject 142 barrels per day, (6,000 gallons per day) of wastewater as described: Sanitary waste only from a processing plant, office building, and all associated buildings on the Church and Dwight Plant site including limited amounts of waste from the plant laboratory. The permittee is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield.

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

D. ENVIRONMENTAL MONITORING PROGRAM FOR GROUNDWATERS OF THE STATE

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The permittee shall prepare records of all monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least 3 years after closure of the facility.

3. Records of monitoring information shall include:

a. The date, exact place, and time of sampling or measurements;
b. The name(s) of individual(s) who performed the sampling or measurements;
c. The date(s) analyses were performed;
d. Names of individuals who performed the analyses;
e. The analytical techniques or methods used; and
f. The results of such analyses.

4. Monitoring of the groundwater in this case is waived (unless effluent UCL's are exceeded) based on the fact that groundwater flow is toward a major evaporation basin receiving tailings. The small amount and concentration of septic waste discharged at this facility, compared to the massive volume of waste in the tailings lake make monitoring of this facility separately a moot point.

E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid on the following schedule. The following parameters shall be analyzed by the listed methods and reported semiannually:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Semi-Annually in May and October	EPA 200 Series Methods	Barium	2.00
		Cadmium	.010
		Chromium	.050
		Lead	.050
		Silver	.100
	EPA Method 420.1	Total Phenols	.250
	EPA Method 350.3	Ammonia as N	50.0
Annually	EPA Method 624	Purgeable Aromatic and Halogenated Hydrocarbons	Federal Drinking Water MCL's

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. pH is always expressed in standard units and conductivity is expressed in mmhos/meter or umhos/cm.

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 the event that any contaminant is found to exceed the above UCL's Church and Dwight shall undertake a study to determine and eliminate the source of that contaminant from the waste stream. The permittee shall prepare a plan for the installation of downgradient wells in the event that any parameter remains above the above upper control limit for three consecutive samples. Such a plan shall include provisions for quarterly sampling for all parameters which might be elevated as a result of the operation of the septic system. Church and Dwight shall consult with WQD at that time to determine what parameters should be monitored. After the first two years of operation, the Water Quality Division may, without reissuing this permit, waive further monitoring of any parameter from the above list or may require additional

monitoring based on new information about the nature of the waste. The Water Quality Division may also, after the first two years of operation, approve a more or less stringent monitoring schedule.

F. RECORDS AND REPORTS

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.

2. The permittee shall give notice to the administrator as soon as possible of any planned physical alterations or additions to the permitted facility.

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

4. The permittee shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the permittee becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.

   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.

   A written submission shall be provided within 5 days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

5. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted; such reports shall contain the information listed in 4. above.

6. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the administrator, it shall promptly submit such facts or information.

7. The permittee shall retain all records concerning the nature and composition of injected fluids until 5 years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.

8. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, a groundwater pollution control permit has been issued by the department for the proposed operation, and:

   a. Well construction is complete and the permittee has submitted notice of completion of construction to the administrator,

b. The administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the administrator of intent to inspect or otherwise review the facility within 13 days of the notice of a. above, in which case prior inspection or review is waived, and

c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the administrator.

9. The semi-annual report of operations for this facility shall be submitted on forms provided by the department and shall include the following information:

a. Any permit exceedances within the previous six months.

b. The analytical results for sampling for the injected water and any groundwater sampling results required under Section D or E of this permit.

c. Semi-annual reports are due in the Cheyenne office of the Water Quality Division no later than July 1 and December 1 of each year.

10. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the administrator within 30 days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

G. GENERAL PERMIT CONDITIONS

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

1. Violation of the permit;

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

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

A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit is issued. A permit may be modified in whole or part in order to apply more, or less, stringent standards; or prohibitions for a toxic or other substance present in the permittee's discharge, as may be ordered by the council. This permit can be terminated by authority of the administrator for one or more permit violations.

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

Any permit noncompliance constitutes a violation of the permit.

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

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

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.

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.

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

H. DUTIES OF THE PERMITTEE

It is a duty of the permittee to:

1. Comply with all permit conditions;

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

3. Take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit; and

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

I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

In the event that sewage is found to be surfacing from the leachfield covered by this permit, this is a violation of this permit and shall be reported immediately as required by Section F of this permit. In the event that the leachfield covered by this permit should fail, it is not necessary to modify this permit to allow for the replacement leachfield shown on Drawing Number 1 (as received by DEQ 7/16/96) of the plans to be installed, so long as the construction specifications remain the same. Church and Dwight shall notify the department that the replacement leachfield is to be installed within 90 days of determining that the primary leachfield has failed.

The Water Quality Division finds that this discharge will not affect any aquifer which is an existing source of drinking water. Public notice has therefore not been required under Chapter IX, Section 7(a)(8).

J. SIGNATORIES REQUIREMENT

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

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

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

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

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

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

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

3. The written authorization is submitted to the administrator.

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

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

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

RL/ks
63030.ltr

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PROGRAM
REPORTING FORM FOR CLASS 5 SEPTIC EFFLUENT INJECTION WELLS

date: ___/___/___

This form shall accompany the submission of any report, documentation or data required by the UIC permit on a class V injection well.

Company Name:	Church and Dwight Co., Inc.				
phone number	(307) 875-2233				
Company Address:	P.O. Box 123				
	Green River, WY 82935				
Facility Name:	Church and Dwight Septic System				
County:	Sweetwater				
Permit number:	UIC 95-338R				
Location:	T 19 N,	R 109 W,	Sec. 30, SW¼SW¼		
Type of Report:	Monthly ☐	Semi-Annual ☐	Annual ☐	Notice of completion ☐	date comp. __/__/__

Injection Volume: Maximum allowable under the permit: 6,000 gallons per day

Injectate Quality: (All parameters to be reported in mg/l)
Date Sampled: _____/_____/_____ Laboratory: _____ Lab #:_____

Parameter	Effluent Discharge	Class I Standard
Ammonia as N (Method 350.3)		50.0
Total Barium (200 Series Method)		2.00
Total Cadmium (200 Series Method)		.010
Total Chromium (200 Series Method)		.050
Total Lead (200 Series Method)		.050
Total Silver (200 Series Method)		.100
Total Phenols (EPA Method 420.1)		.250
Purgeable Aromatic Hydrocarbons* (EPA Method 624)		Federal MCL's

Purgeable Aromatic Hydrocarbons are required annually using EPA Method 624. Attach the laboratory report for this analyses.

Groundwater Quality:

Permit UIC 95-338R requires no downgradient monitor wells unless there are exceedances of the above effluent limitations.

PERMIT EXCEEDANCES: All values that exceed the permit limitations on the above tables are circled in red.

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PROGRAM
REPORTING FORM FOR CLASS 5 SEPTIC EFFLUENT INJECTION WELLS

SIGNATURE REQUIREMENTS

Please see section J of permit UIC 95-338R before signing this document. By regulation, only those authorized to sign these reports may sign them. Every report must include the following certification:

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

Printed name of person signing	Title
Signature	Date signed

Submit to: UIC Program Supervisor
Water Quality Division
Herschler Building, 122 West 25th St.
Cheyenne, Wyoming 82002

RFL:ks
63028.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 777-5616	FAX 777-6937	FAX 634-0799	FAX 777-5973	FAX 777-5973

July 25, 1996

James Burdick, Plant Manager
Church and Dwight Co., Inc.
P.O. Box 123
Green River, WY 82935

RE: Septic System Modifications
Permit UIC 95-338
Sweetwater County, Wyoming

Dear Mr. Burdick:

The enclosed permit has been signed in final form. This is the permit that you must follow in operating the system.

The signatory requirement is a federal requirement on all such permits. This requires that the reports either be signed by a principal officer of the corporation (including a plant manager if that plant has $25,000,000 in annual revenues in second quarter 1980 dollars), or by his or her designee. If it is necessary to obtain a letter designating who can sign the reports, I would suggest that you write that letter relatively broadly. In other words, designate who can sign by title rather than by name, and designate at least two persons who can sign those reports.

Sincerely,

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

RFL:ks
63029.ltr

xc: Karen Halvorsen, TriHydro Corp, 920 Sheridan, Laramie, WY 82070

RF

ROAD APPLICATION PERMIT

x New
Renewal
Modified

PERMIT NO. 95-339
SPECIAL CONDITIONS

Rock River Field

This permit hereby authorizes the applicant:

Rock River Operating, Inc.
P.O. Box 816
McFadden, Wyoming 82080

to road apply 100 yards of waste crude oil and sludges according to the procedures and conditions of application number 95-339. The application site is located in Section 2, T19N, R78W in the county of Carbon, in the State of Wyoming. This permit shall be effective until November 1, 1995.

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 standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

Nothing in this permit constitutes an endorsement by the DEQ of the disposal method described herein. This permit verifies only that the submitted application meets the 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 of, the permitted activity. The permittee, owner and/or operator are solely responsible for any liability arising from the waste disposal permitted. By issuing this permit, the state does not waive its sovereign immunity.

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

Nothing in this permit shall be construed to preclude the institution of any legal action or 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 8. The permittee shall notify representatives from the 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: Southeast District Supervisor, 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.

2 of 8. The permittee shall provide immediate oral and/or written notice to SE 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 8. 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 SE District office on the attached Certification of Completion form.

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. This information shall include a contour map depicting only those sections of road that actually received waste crude oil and sludges.

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

5 of 8. Waste crude oil and sludges shall be applied uniformly and incorporated into the road bed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Waste crude oil and sludges shall not be applied during the period from November 1 to April 10.

6 of 8. The application site slope shall not exceed eight percent (8%) for vehicular application.

7 of 8. Waste crude 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.

8 of 8. Only the roads designated in this permit are authorized for application of the waste crude oil and sludges. 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 WQD.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

9/5/95
Date of Issuance

RLE/mad 53833.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-339

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, 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 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 waste crude oil and sludges onto the roadbed. Repeated applications of waste crude oil and sludges on the same sections of road will be monitored by roadbed analyses.

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

NOT Applicable

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

NOT Applicable

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:

NOT Applicable

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:

NOT Applicable

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.

NOT Applicable

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.

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.

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 Ronald L. Ewald, Senior Analyst and completed on August 28, 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

Y New
Renewal
Modified

PERMIT NO. 95-340
SPECIAL CONDITIONS
REF/PERMIT #

Tracy Jones Home Septic System

This permit hereby authorizes the applicant:

Tracy D. Jones
P.O. Box 667
Moorcroft, Wyoming 82721

to construct, install or modify a septic system according to the procedures and conditions of the application number 95-340. The facility is located in the SE/4 of Section 11, Township 50 North, Range 66 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 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 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

8-11-95
Date of Issuance

BDM/pr: August 4, 1995
b/53486.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-340

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

not applicable

VI. 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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 4, 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."

BDM/b/53486.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. 95-341
SPECIAL CONDITIONS

C. Quint Noyes Septic Tank/Leach Field

This permit hereby authorizes the applicant:

C. Quint Noyes
9th South 2nd Street
Greybull, WY 82426

to construct a septic tank/leach field for a single family dwelling according to the procedures and conditions of the application number 95-341. The facility is located in NE¼ Section 3, T52N, R92W 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 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: 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 in sion 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

8-15-95
Date of Issuance

MR/jyi
b/53531.ltr

STATEMENT OF BASIS

General information.

A. Permit Number: 95-341

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

A. Chapter XI. Yes

B. Chapter XII. No

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

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

Yes

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

No

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

No

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

Not

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.

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

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 Mike Roberts, P.E., Northwest District Engineer, and completed on August 8, 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."

MR/b/53531.ltr

PERMIT TO CONSTRUCT

Y New
Renewal
Modified

PERMIT NO. 95-342
SPECIAL CONDITIONS
REF/PERMIT #

Fifth Ave. Water Line Extension - Town of Albin

This permit hereby authorizes the applicant:

Town of Albin
Town Hall
Albin, WY 82050 -

to construct an extension of the publicly owned distribution system according to the procedures and conditions of the application number 95-342. The facility is located in Section 19, 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 r uirements. 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.

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

3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

8-15-95
Date of Issuance

GLS/b/53579.ltr

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-342

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

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.

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.

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 August 15, 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."

GS/b/53579.ltr

PERMIT TO CONSTRUCT

New
Renewal
Modified

PERMIT NO. 95-343R
SPECIAL CONDITIONS

DRY CREEK SUBDIVISION PHASE I

This permit hereby authorizes the applicant:

Hunter's Ridge Development, Inc.
1257 Palisades Way
Rock Springs, Wyoming 82901

to construct wastewater collection and water distribution according to the procedures and conditions of the application number 95-343R. The facility is located in SE¼ Sec 28, 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 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 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 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, 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

8-28-95
Date of Issuance

MDR/nc 53710.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-343R

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.)

Not Applicable

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.)

Not 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.)

Not 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.

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 Mike Roberts, engineer, and completed on 21 August 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."

MDR/nc 53710.LTR

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-344
SPECIAL CONDITIONS
REF/PERMIT #

SUNDOWN ADDITION WATER AND SEWER IMPROVEMENTS

This permit hereby authorizes the applicant:

Sundown Addition Improvement and Service District
30 South Roosevelt
Casper, Wyoming 82604

to construct, install, or modify water distribution and sewage collection systems according to the procedures and conditions of the application number 95-344. The facility is located in Sections 1 and 12, Township 33 North, Range 80 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 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 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

8/30/95
Date of Issuance

BDM/pr: August 28, 1995
b/53826.ltr
cc: Barry Venn, P.E., CEPI, 355 N. Lincoln St., Casper, WY 82601

STATEMENT OF BASIS

General information.

A. Permit Number: 95-344

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.

Chapter XI Section 7.(b)(i-ii) requires the plans to show finished grade and pertinent manhole elevation information.

B. Briefly state the basis for the deviation.

The information will be furnished in AS-BUILT drawings.

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 28, 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."

BDM/bb/53826.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. 95-345RR
SPECIAL CONDITIONS

Town of Superior Water Distribution System - Phase B

This permit hereby authorizes the applicant:

Town of Superior
P.O. Box 40
Superior, WY 82945

to construct a 50,000 gallon and a 100,000 gallon storage tanks according to the procedures and conditions of the application number 95-345RR. The facility is located in SE¼ NW¼ S26 T21N R102W and SE¼ SE¼ S19 T21N R101W 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 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 authoriza. 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 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 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 5 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, 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 operation and maintenance manual needs to be provided and accepted by the DEQ/WQD prior to the start-up of these facilities.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

11/2/95
Date of Issuance

RT/nc 54983.LTR

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-345RR

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.

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).

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.)

Not 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.)

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.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Randall Taylor, S.W. District Engineering Supervisor, and completed on 10/31/95. 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."

RT/nc 54983.LTR

[1]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

August 23, 1995

Mr. George Hodnett
7880 N. Six Mile Road, P.O. Box 9631
Casper, WY 82609

RE: As-Built Permit To Construct, WQD Reference Number 95-346

Dear Mr. Hodnett:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the referenced As-Built Application submitted by your engineer, Mr. Bill Johnston. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. The enclosed permit covers a domestic septic system, which has 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/DRM/pr/b/53736.ltr
Enclosure
cc: Mr. Bill Johnston, P.O. Box 941, Casper, WY 82602
NE District File 95-346

AS-BUILT
PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 95-346
SPECIAL CONDITIONS

Hodnett Domestic Collection System

This permit hereby authorizes the applicant:

Mr. George Hodnett
7880 N. Six Mile Road, P.O. Box 9631
Casper, WY 82609

to have constructed, installed or modified a domestic collection system according to the procedures and conditions of the application number 95-346. The facility is located in the SE/4 of the NE/4 of Section 28 of Township 34 North Range 80 West in the county of Natrona, in the State of Wyoming.

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

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

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

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

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

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

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

AUTHORIZED BY:

Administrator
Water Quality Division

8/30/95
Date of Issuance

Director
Department of Environmental Quality

DRM/pr:08/23/95
b/53737.ltr
cc: Mr. Bill Johnston, P.O. Box 941, Casper, WY 82602
NE District File 95-346

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-346

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 35 (a) (i) of Part D of Chapter XI of the WWQRR requires specific isolation distances between the septic system and property lines, buildings, and water.

B. Briefly state the basis for the deviation.

The facility is located in an already developed area. Although separation distances are not met for a property line, the septic tank and absorption bed, and water and sewer service lines, there has been no reported problems and the septic system appears to be operating as designed.

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

No

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.)

Not Applicable (N/A). This facility is considered a simple hydrologic system.

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, NE District Engineering Supervisor, and completed on August 23, 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/bb/53737.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. 95-347
SPECIAL CONDITIONS
REF/PERMIT #

Naval Petroleum Reserve #3 B-TP Battery Constructed Wetlands

This permit hereby authorizes the applicant:

Department of Energy
900 North Poplar, Suite 150
Casper, Wyoming 82601
Attention: Clarke D. Turner

to construct, install or modify a constructed wetland according to the procedures and conditions of the application number 95-347. The facility is located in NE/4 of Section 10, Township 38 North, Range 78 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 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 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 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. The applicant will provide an annual report to the Northeast District Office which summarizes analyses concerning facility performance. This does not alleviate the permittee's reporting requirements for any other programs, e.g. NPDES reporting requirements.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

10/16/95
Date of Issuance

BDM/pr: October 10, 1995
b/54629.ltr
cc: Ken Hoff, Natrona County Health Dept., 1200 E. Third St., Casper, WY 82601-2990
Tom Keller, Natrona County Planning, 120 W. First Street, #200, Casper, WY 82601-2463
Lynette Soehn, Fluor Daniel, 7290 Salt Creek Route, Casper, WY 82601
John Wagner, DEQ, Cheyenne

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-347

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

A. Chapter XI. yes

B. Chapter XII. no

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

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

yes

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

yes

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

no

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

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

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

B. Briefly state the basis for the deviation.

Chapter XI Section 5 encourages new technologies and equipment which are not specifically covered in the regulations. The use of constructed wetlands for wastewater treatment is growing daily. This facility is the first of its kind permitted in the State. The use of constructed wetlands to treat produced water is a new technology that should be encouraged.

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[1]. (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:

Oil wells drilled in the area of the constructed wetlands area have been unable to find any groundwater above the first impermeable zone, the Steele Shale.

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

not applicable

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

See A. above.

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:

not applicable

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:

not applicable

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.

not 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.

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.

In addition to regular monitoring at the NPDES discharge point, monitoring will be conducted at the inflow of the constructed wetlands and at the outflow of the lagoon. Approval of this permit is recommended to promote and better understand the operation of constructed wetlands. The Northeast District Office will review the non-compliance monitoring of the constructed wetlands performance. Any NPDES discharge violations that may occur will be handled under the State's NPDES program. The constructed wetland will be adjacent to the permitted B-TP Battery NPDES pit (permit WY-0028274).

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on October 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."

BDM/bb/54629.ltr

PERMIT TO CONSTRUCT

New
Renewal
△ Modified - Change of Owner

PERMIT NO. 95-348
SEE SPECIAL CONDITIONS
REF/PERMIT #90-204 and 83-22

Schaffer Reserve Pit

This permit hereby authorizes the applicant:

Waste, Inc.
P.O. Box 133
Evanston, WY 82931

to construct a disposal pond according to the procedures and conditions of the application number 83-22. The facility is located in Section 21, Tract 43, T28N R113W in the county of Sublette, 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 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.

:hing 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 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 5 The pond lining must be constructed a minimum of three (3) feet thick and be composed of material having a permeability no greater than 4×10^{-7} cm/sec. Prior to filling with fluid the liner shall be tested in-situ in at least three (3) locations by an independent soils lab. If the liner does not meet the above permeability criteria, it shall be reworked and re-tested until it meets with the criteria at all sites tested. Test locations and results must be submitted to DEQ/WQD.

2. of 5 Waste fluids from each new reserve pit handled shall be analyzed for the complete suite of Chapter VIII parameters. The results shall be reported to the Department of Environmental Quality on a regular basis.

3. of 5 A log must be kept with the following information: quantity of each load, name and location from where each load originated, the haulers company name, and the date of each load.

4. of 5 A DEQ/WQD accepted well monitoring system and program may be required as determined by DEQ/WQD personnel.

5. of 5 No hazardous waste as defined by the EPA or State of Wyoming may be placed in this pond.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Department of Environmental Quality

February 9, 1983
Date of Issuance

RRT/nc 53543.LTR

cc: Richard Schaffer, S.R.P., Inc., 916 Road 56, Pasco, WA 99301 w/copy of transfer request

PERMIT TRANSFER REQUEST

DATE: January 23, 1996

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

To Whom It Concerns:

(Original Owner) WASTE, INC. intends to transfer ownership of the facility associated with Permit Number 95-348 to (New Owner) Wyoming Finance Co., Inc.,DBA Piney Co. on (Date) January 23, 1996. It is requested that the said permit be transferred to the new owner in accordance with Section 10 (c) and (d) of Chapter III, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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

WASTE, INC.

Gary Ellingford President
Signature Original Owner

Name WASTE, INC.

Address P.O. Box 133

Evanston, WY 82931-0133

Telephone 307-789-7585

WYOMING FINANCE COMPANY INC.,
DBA PINEY CO.

Gary Ellingford President
Signature New Owner
WYOMING FINANCE COMPANY INC.,.

Name DBA PINEY CO.

Address P.O. Box 133

Evanston, WY 82931-0133

Telephone 307-789-7585

96-019

PERMIT TO CONSTRUCT

New
X Renewal
Modified

PERMIT NO. 95-349
SPECIAL CONDITIONS
REF/PERMIT #94-076

SAWS/JPB 30-INCH RAW WATER TRANSMISSION MAIN-RENEWAL

This permit hereby authorizes the applicant:

Sheridan Area Water Supply Joint Power Board
224 South Main Street, Suite B-1W
Sheridan, Wyoming 82801

to construct, install or modify a raw water transmission main according to the procedures and conditions of the application number 94-076. The facility is located in parts of Sections 25, 35 and 36 of T55N R86W, parts of Sections 1, 2, 9, 10, 11, 16, 17, 19, 20 and 30 of T55N R85W, parts of Section 36 of T56N R85W, and parts of Sections 29, 30, and 31 of T56N R84W 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 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 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

BDM/pr:mad 53540.LTR

cc: Dayton Alsaker, P.E., HKM Associates, 1842 Sugarland Drive, Suite 103, Sheridan, WY 82801

STATEMENT OF BASIS

I. General information.

A. Permit Number: 95-349

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, this facility will be constructed in accordance with the previously approved DEQ permit 94-076

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 11, 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."

51933.DOC

[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. 95-350
SPECIAL CONDITIONS

Allen and Ellen Votroubek Residence Septic System

This permit hereby authorizes the applicant:

Allen Votroubek
Box 562
Wright, Wyoming 82732

to construct, install or modify a septic system according to the procedures and conditions of the application number 95-350. The facility is located in NW/4 of the NW/4 of the NE/4, Section 9, Township 45 North, Range 61 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 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 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

8-28-95
Date of Issuance

BDM/pr:August 16, 1995 /nc 53600.LTR

STATEMENT OF BASIS

General information.

A. Permit Number: 95-350

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

not 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.)

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.

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 Brian D. Mark, P.E., Senior Environmental Analyst, and completed on August 16, 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."

BDM/pr:August 16, 1995 /nc 53600.LTR

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