

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 03-201

SHERIDAN GREASE AND SEPTAGE RECEIVING STATION

This permit hereby authorizes the applicant:

City of Sheridan
PO Box 848
Sheridan, WY 82801

to construct, install, or modify a grease and septage receiving station at the Sheridan Wastewater Treatment Plant and the renovation of the existing sludge pumping facilities according to the procedures and conditions of the application number 03-201. The facility is located in the SWSE/4 of Section 16, of T56N R84W in the County of Sheridan, in the State of Wyoming. This permit shall be effective until June 30, 2004.

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 (DEQ/WQD), upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

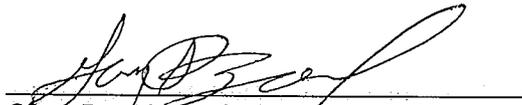
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 3 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.

- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Sheridan Field 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.

- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Gary Beach, Administrator
Water Quality Division



John V. Corra, Director
Department of Environmental Quality

6-25-03

Date of Issuance

RJE/06/24/03

bb/3-0678.ltr

Enclosures: Certificate of Completion
Statement of Basis

STATEMENT OF BASIS

- I. General information.
- A. Permit Number: 03-201
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- A. Chapter XI. Yes
- B. Chapter XII. Yes
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
Yes
- B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter XI, or XII.
No
- C. Permit based on deviation from applicable regulations in accordance with approved policy statement.
No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)
- A. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
N/A
- B. Briefly state the basis for the deviation.
N/A
- C. Permit based on general or statewide deviation contained in approved policy statement (indicate the policy number and briefly summarize the nature of the deviation).
N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3¹. (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 Rick J. Estes, Northeast District DEQ/WQD Northeast District Senior Environmental Specialist, and completed on June 24, 2003. 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."

RJE/bb/3-0678.ltr

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



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 19, 2003

T.F.S. II, L.L.C.
Attn. Brett A. Vizina, Managing Member
1124 Dunn Avenue
Cheyenne, Wyoming 82001

RE: Bison Crossing, 5th Filing - Water Main Extensions, Application No. **03-202**

Dear Mr. Vizina:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

Backflow Prevention - Backflow prevention is not specifically discussed. Therefore, **all new residential or domestic nature service taps** connected to water mains shall be protected by at least a double check valve or dual check valve in accordance with the DEQ/WQD Rules and Regulations Chapter 12 Section 14(i).

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 18, 2005. Please reference Application Number 03-202 in any future correspondence.

Mr. Vizina
June 19, 2003
Page 2

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

Sincerely,

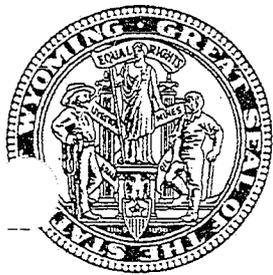
A handwritten signature in cursive script that reads "Ronald L. Ewald".

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bb/3-0663.ltr

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water Supply
Distribution Systems
Certificate of Completion Form

cc: IPS, Cheyenne
Jon L. Anderson, P.O. Box 595, Saratoga, Wyoming 82331



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NOTIFICATION OF COVERAGE

July 11, 2003

Goshen County School District #1
Attn: Dr. Kathy Shirley, Superintendent
2602 West "E" Street
Torrington, Wyoming 82240

RE: Lingle - Ft. Laramie High School - Water and Sewer Extensions,
Application No. **03-203**

Dear Dr. Shirley:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Additionally, the following project specific condition also applies:

Water and Sewer Main Crossing Encasement in Flow-fill - New water main crossing under existing sewer main at approximately station 1+25 to 1+45. In accordance with policy 13.9.11, all sewers crossing over water mains must be encased in flow-fill, regardless if 18 inches of vertical separation is achieved.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 11, 2005. Please reference Application Number 03-203 in any future correspondence.

Dr. Shirley
July 11, 2003
Page 2

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

Sincerely,



Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bb/3-0766.ltr

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water Supply
Distribution Systems
GENERAL PERMIT - Extensions/Modifications of Existing Sewage Collection
Systems
Certificate of Completion form

cc: IPS, Cheyenne
Jeff M. Feck, TSP, P.O. Box 1039, Sheridan, Wyoming 82801



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Dave Freudenthal, Governor

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ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 31, 2003

Goshen County School District #1
Attn. Dr. Kathy Shirley, Superintendent
2602 West "E" Street
Torrington, Wyoming 82240

RE: **Southeast Attendance Center - Yoder: Water Main Loop & Fire Protection,**
Upgrades, Application No. **03-204**

Dear Dr. Shirley:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

Fire Hydrant Installation Restrictions - As the fire flow and pressure analysis indicates, the current water distribution system is inadequate to provide the necessary fire flows and would be unable to maintain the required pressures to support the five full sized fire hydrants proposed. Only after the completion of future water system upgrades, which are not planned at this time, would the water main loop around the school be able to properly support all five full sized fire hydrants. Therefore, **the five full sized fire hydrants SHALL NOT BE INSTALLED.** However, one of the following three options will be allowed:

- Option 1. Instead of the five full sized hydrants with pumper nozzles, all five hydrants can be installed with up to two "Hose" (2.5 inch) nozzles on each hydrant barrel. No "Pumper" (4 or 4.5 inch) nozzles shall be allowed on any of the fire hydrants.
- Option 2. One full sized hydrant with "Pumper" nozzles (located at STA. 11+12.06) plus the construction of the underground portion of the other four fire hydrants can be installed. The hydrant leads, valves, and lower barrel assemblies of the other four hydrants can be installed up to a point at or near the ground surface where a blind flange is temporarily installed. Upon submission of written evidence of completion of adequate water system improvements, the above ground portion of the other four hydrants can then be installed.

Goshen County School District #1
July 31, 2003
Page 2

Option 3. If both Option 1 and Option 2 are unacceptable to the School District, and there are no foreseeable plans for improvements to the town water system that would provide the additional flows and pressures required, then no provisions for any fire hydrants should be installed.

Finally, to be clear, these restrictions on the fire hydrant installations do not affect the fire sprinkler system. It is approved for installation under any of the above hydrant options.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 31, 2005. Please reference Application Number 03-204 in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bb/3-0821.ltr

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water
Supply Distribution Systems
Certificate of Completion Form

cc: IPS, Cheyenne
Jeff M. Feck, TSP, P.O. Box 1039, Sheridan, Wyoming 82801



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Dave Freudenthal, Governor

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ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 2, 2003

Mr. Curt Blake, President
B Hive Inc.
101 McConnell Street
Laramie WY 82070

RE: Snowy Range Addition, Blocks 3 & 5, Application No.03-205, Albany County

Dear Mr. Blake:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as 772 feet of 8" diameter water line, a fire hydrant, and 2 valves, NE 1/4 Section 6 T15N R73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2006.

All service connections must have the appropriate type of backflow prevention device installed as required by Chapter 12, Section 14 of the Wyoming Water Quality Division Rules and Regulations.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 03-205 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/bb/3-0737.ltr

cc: IPS, Cheyenne

Robert J. Coffey, Coffey and Associates, LLC
903 Grand Ave
Laramie WY 82070

Wes Bressler
Laramie City Water Department
P.O. Office Box C
Laramie WY 82073



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ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 13, 2003

Mr. Vick S. Deer
411 Cassa Road
P.O. Box 156
Glendo, WY 82213

RE: Vick Deer Small Waste Water Facility
Location: SW 1/4 Sec. 17 T28N R67W

Application No 03-206.
Platte County

Dear Mr. Deer:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the small wastewater system consisting of three separate septic tanks and drainfields in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 13, 2005. Please reference Application Number 03-206 in any future correspondence.

If you have any questions, please contact me at (307) 777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/bb/3-0649.ltr

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne



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Department of Environmental Quality

Dave Freudenthal, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

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

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

6-12-03
Proctor
WATER QUALITY
(307) 672-6457
Fax (307) 674-6050

NOTIFICATION OF COVERAGE

June 6, 2003

Roger Cureton
6801 Sleepy Hollow Blvd
Gillette, WY 82718

RE: Cureton Residential Septic System Permit # 03-207

Dear Roger:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne
Town of Pine Haven, 24 Waters Dr., Pine Haven, WY, 82721



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Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

Dave Freudenthal, Governor

AIR QUALITY
(307) 672-6457
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(307) 672-6488
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6-12-03
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(307) 672-6457
Fax (307) 674-6050

NOTIFICATION OF COVERAGE

June 6, 2003

Pam Davis
480 Pine Ridge Rd
Moorcroft, WY 82721

RE: Pam Davis Single Family Wastewater System, Permit # 03-208

Dear Pam:

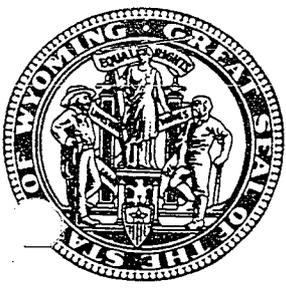
The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne



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Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

Dave Freudenthal, Governor

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

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

6-12-03
Barb
WATER QUALITY
(307) 672-6457
Fax (307) 674-6050

NOTIFICATION OF COVERAGE

June 6, 2003

Marshall Davis
480 Pine Ridge Rd
Moorcroft, WY 82721

RE: Marshall Davis Single Family Wastewater System, Permit # 03-209

Dear Marshall:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne



The State
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Department of Environmental Quality

Dave Freudenthal, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

AIR QUALITY
(307) 672-6457
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Fax (307) 672-2213

6-12-03
Barb

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

NOTIFICATION OF COVERAGE

June 6, 2003

Lisa Saunders
P.O. Box 244
Gillette, WY 82717

RE: Saunders Residential Septic System Permit # 03-210

Dear Lisa:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne
Town of Pine Haven, 24 Waters Dr., Pine Haven, WY, 82721



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

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(307) 672-6457
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LAND QUALITY
(307) 672-6488
Fax (307) 672-2213

*6-12-03
Barb*

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

NOTIFICATION OF COVERAGE

June 6, 2003

Mr. Tom Farnsworth
115 East Rd
Newcastle, WY 82701

RE: Tom Farnsworth Residential Septic System Permit # 03-211

Dear Tom:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne



The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458

ABANDONED MINES
(307) 473-3460
Fax: (307) 473-3458

NOTIFICATION OF COVERAGE

June 6, 2003

Hal Hutchinson, City Engineer
City of Casper
200 North David Street
Casper, WY 82601

RE: No. 12 Improvements Water Distribution Lines, Permit # 03-212

Dear Mr. Hutchinson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a water distribution system in accordance with Chapter 3 and Chapter 12 Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne



The State
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Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
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WATER QUALITY DIVISION
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Fax: (307) 473-3458

ABANDONED MINES
(307) 473-3460
Fax: (307) 473-3458

NOTIFICATION OF COVERAGE

June 6, 2003

Frank P. Sanders Jr.
#74 Star Route 110
Devils Tower, WY 82714

RE: Sanders Small Wastewater Facility, Permit # 03-213

Dear Mr. Sanders:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3 and Chapter 11, Part D, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

*6-12-03
Baron*

NOTIFICATION OF COVERAGE

June 11, 2003

William and Cozette Matthews
7157 Havenwood Drive
Castle Rock, Co 80104

RE: **Matthews Replacement Septic Tank Leach Field, Permit Number #03-214**
on Lot 8 in Sec. 18, T43N, R94W
Hot Springs County

Dear Mr. & Mrs. Matthews:

The above application for coverage under **General Permit to Construct** a replacement septic tank/ leach field in accordance with **Chapter 3, Section 7 and Chapter 11, Part D**, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O**, of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron
Northwest Environmental Senior Analyst
Water Quality Division

cc: IPS, Cheyenne

cc: Carl Spomer, Spomer Construction, 420 Arapahoe, Thermopolis 82443

encl: General Permit to Construct Small Wastewater "Replacement" Facility



The State
of Wyoming



Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

Dave Freudenthal, Governor

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

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

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

NOTIFICATION OF COVERAGE

June 17, 2003

Dave Hays
PO Box 3578
Gillette, WY 82717

RE: Hays Septic System Permit # 03-215

Dear Dave:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 17, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Rick J. Estes".

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne

03-215

No. 573050
Photo Book 428 Page: 0537
Filed for record March 7, 2005 at 08:00 AM
Connie D. Tschetter, Crook County Clerk

537

File No.: 4531-535617 ()

WARRANTY DEED

David A. Hays and Regina L. Hays, grantor(s) of Crook County, State of WY, for and in consideration of Ten Dollars and Other Good and Valuable Consideration, in hand paid, receipt whereof is hereby acknowledged, Convey and Warrant To

Ray P. Miner and Susan M. Miner, husband and wife, grantee(s),

whose address is: 62 Juniper Hills, Moorcroft of Crook County and State of Wyoming, the following described real estate, situate in Crook County and State of Wyoming, to wit:

Township 50 North, Range 66 West, 6th P.M., Crook County, Wyoming Section 17:
SW 1/4 NW 1/4

Hereby releasing and waiving all rights under and by virtue of the homestead exemption laws of the State of Wyoming.

Witness my/our hand(s) this 3rd day of March, 2005

David A. Hays
David A. Hays

Regina L. Hays
Regina L. Hays

State of Wyoming)
)ss.
County of Crook Campbell)

The foregoing instrument was acknowledged before me this 3rd day of March, 2005, by David A. Hays and Regina L. Hays.

Witness my hand and official seal.

My commission expires: 7/8/06

Beth Burgess
Notary Public

Martinez, Rebecca

From: Engels, Suzanne
Sent: Thursday, September 24, 2009 2:29 PM
To: Martinez, Rebecca
Subject: FW: Additional errors in WDEQ Septic Spreadsheet
Attachments: 573050-0001.pdf; 557584-0001.pdf

Rebecca-
Here is the second email from Crook County.
03-215 Section should be 17
03-407 Section should be 17

Thanks,
Suzanne

From: Tim Lyons [mailto:TimL@crookcounty.wy.gov]
Sent: Wednesday, September 02, 2009 11:40 AM
To: Engels, Suzanne
Subject: Additional errors in WDEQ Septic Spreadsheet

Hello:

I have found a couple more errors in the WDEQ septic permit spreadsheet, they are as follows:

Permit # 03-215, Dave Hays.

The spreadsheet has an incorrect section number "7" which should be "17". As I reviewed the application that was submitted by Dave Hays in 2003 I see that on the cover page he had indicated the facility location as Section 7, but then on Page 1, A. General Information., he had indicated SW1/4NW1/4 Section 17 which is the correct legal for the property he owned at that time. He has since sold this property to Ray P. & Susan M. Miner, (Warranty Deed attached). Should we try to get the transfer paper work completed to transfer this system to Mr. & Mrs. Miner?

Permit # 03-407, Colt Massie

The spreadsheet has an incorrect section number "12" which should be "17". As I reviewed this application that was submitted by Colt Massie in 2003 I see that on the cover page it does look as if he had indicated the facility location as Section 12, but then on Page 1, A. General Information., it appears that he indicated Section 17 which is the correct legal for the property he still owns and resides on, (Warranty Deed attached). I do not find any records that indicate that Colt Massie has ever owned any property in Section 12, Township 50 North, Range 66 West, Crook County.

Thanks,

Timothy R. Lyons
Administrator
Crook County Growth & Development
309 Cleveland Street
P.O. Box 848
Lundance, WY 82729
307-283-4548



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 13, 2003

David J. Wallace
P.O. Box 3
Saratoga, Wyoming 82331

RE: D. J. Wallace Residential Septic System, Application No. **03-216**
Location: W1/2 NW1/4 SW1/4, Section 25, T17N, R84W, Carbon County

Dear Mr. Wallace:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

- A. Leachfield Size - **A minimum of 28 Infiltrator chamber units shall be installed.** A slight error was made in calculating your slowest percolation rate. When dividing 30 minutes by 1 1/8 inch you got 17.97mpi instead of 26.67mpi. Using 27mpi instead of the 22mpi you used to get your loading factor changes the loading factor from 0.44 to 0.41. Carrying this change through the calculations requires a minimum of 28 Infiltrator units instead of the 26 units that you calculated. You only need to extend each of your two trenches from 82 feet long to 88 feet.
- B. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 13, 2005. Please reference Application Number 03-216 in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0634.ltr

cc: IPS, Cheyenne
Carbon County Planner

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458

ABANDONED MINES
(307) 473-3460
Fax: (307) 473-3458

8-26-03
B.

NOTIFICATION OF COVERAGE

August 4, 2003

Bonnie Humphrey, Mayor
Town of Evansville
Drawer 158
Evansville, WY 82636

RE: Evansville Sewer and Collection System Permit # 03-217

Dear Ms. Humphrey;

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of existing sewage collection systems in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) have been reviewed and are hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne

AS-BUILT
PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-218
SPECIAL CONDITIONS
REF/PERMIT

Sewer Extension in Montana Ave.

This permit hereby authorizes the applicant:

Town of Basin
P.O. Box 599
Basin, WY 82410

to have constructed about 280 feet of 8-inch SDR-35 PVC sewer and two manholes according to the procedures and conditions of the application number 03-218. The facility is located in NW1/4 SW1/4 Section 21, T51N, R93W in the county of Big Horn, 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 (WQD), to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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

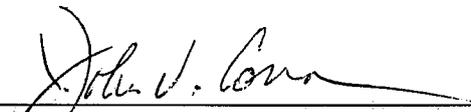
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

1 of 1 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John V. Corra
Director
Department of Environmental Quality

8-21-03

Date of Issuance

JH/bp
bb/3-0911.ltr

STATEMENT OF BASIS

I. General information.

Permit Number: 03-218

II. Application reviewed for compliance with the following regulations.

A. Chapter XI. Yes

B. Chapter XII. No

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulation 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. N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III¹.

Not

VI. If Section 17 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.)

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 Jeff Hermansky, Northwest District Supervising Engineer, and completed on August 20, 2003. 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."

JCH/bb/3-0911.ltr

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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August 21, 2003

Town of Basin
P.O. Box 599
Basin, WY 82410

RE: As-Built Permit To Construct, WQD Reference Number #03-218

Dear Sir:

The Department of Environmental Quality/Water Quality Division (DEQ/WQD) has reviewed the above referenced As-Built Application submitted by your engineer, Donnell & Allred, Inc. 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 about 280 feet of 8-inch SDR-35 PVC Sewer and two manholes 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,

John Corra
Director
Department of Environmental Quality

JVC/JCH/bb/3-0911.ltr
Enclosure



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 14, 2003

Rhonda Benson
419 W. Deer
Glenrock, Wyoming 82637

RE: Benson Residential Septic System,
Location: NW 1/4, Section 14, T29N, R68W,

Application No. **03-219**
Platte County

Dear Mrs. Benson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 14, 2005. Please reference Application Number **03-219** in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0770.ltr

cc: IPS, Cheyenne
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



SOLID & HAZARDOUS WASTE DIVISION

(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION

(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION

(307) 473-3465
Fax: (307) 473-3458

ABANDONED MINES

(307) 473-3460
Fax: (307) 473-3458

NOTIFICATION OF COVERAGE

June 10, 2003

Earl J. and Samantha J. Martin II
107 Fox Lane
Gillette, WY 82716

RE: Martin Small Wastewater Facility, Permit # 03-220

Dear Mr. and Mrs. Martin:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3 and Chapter 11, Part D, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne



The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION
(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION
(307) 473-3465
Fax: (307) 473-3458

ABANDONED MINES
(307) 473-3460
Fax: (307) 473-3458

NOTIFICATION OF COVERAGE

June 10, 2003

Pat Kiser
1801 Warlow #44
Gillette, WY 82716

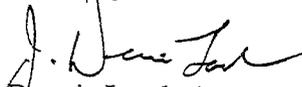
RE: Kiser Small Wastewater Facility, Permit # 03-221

Dear Mr. Kiser:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3 and Chapter 11, Part D, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

Sincerely,


Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-222
SPECIAL CONDITIONS
REF/PERMIT NO. 96-270

WPF Site 40, Nursery Separator.

This permit hereby authorizes the applicant:

Wyoming Premium Farms LLC
P.O. Box 457
Wheatland WY 82201

to construct, install, or modify a Lissco Solids Separator according to the procedures and conditions of the application number 03-222. The facility is located in NE 1/4 Section 16 T23N R66W in the county of Platte, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 11, 2005.

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 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 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, to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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, 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

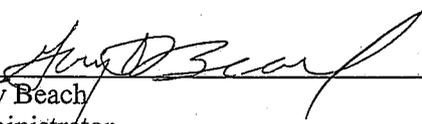
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

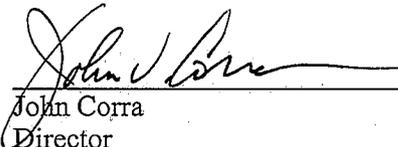
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 The collection pit shall be sized to contain the largest single pit volume and shall have a built-in ladder to allow egress.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD 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. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Gary Beach
Administrator
Water Quality Division



John Corra
Director
Department of Environmental Quality

6-24-03

Date of Issuance

LBH/bb/3-0695.ltr

cc: Platte County Commissioners

STATEMENT OF BASIS

- I. Permit Number: 03-222
- II. Application reviewed for compliance with the following regulations.
- A. Chapter 11. YES
- B. Chapter 12. NO
- III. Basis for issuing permit: Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- IV. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
- NO
- V. Documentation of Statement of Basis.

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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon, Southeast District Engineering Supervisor, and completed on June 24, 2003. 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."

LBH/bb/3-0695.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-223
SPECIAL CONDITIONS
REF/PERMIT NO. 96-437

WPF Site 60, Finisher No. 2 Separator

This permit hereby authorizes the applicant:

Wyoming Premium Farms LLC
P.O. Box 457
Wheatland WY 82201

to construct, install, or modify a Lissco Solids Separator according to the procedures and conditions of the application number 03-223. The facility is located in SE 1/4 Section 36 T25N R67W in the county of Platte, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 11, 2005.

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 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 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, to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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, 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

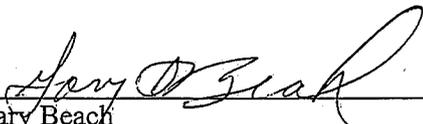
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD, Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 The collection pit shall be sized to contain the largest single pit volume and shall have a built-in ladder to allow egress.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD 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. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Gary Beach
Administrator
Water Quality Division



John Corra
Director
Department of Environmental Quality

6-24-03

Date of Issuance

LBH/bb/3-0696.ltr

cc: Platte County Commissioners

STATEMENT OF BASIS

- I. Permit Number: 03-223
- II. Application reviewed for compliance with the following regulations.
- A. Chapter 11. YES
- B. Chapter 12. NO
- III. Basis for issuing permit: Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- IV. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
- NO
- V. Documentation of Statement of Basis.

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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon, Southeast District Engineering Supervisor, and completed on June 24, 2003. 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."

LBH/bb/3-0696.ltr



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

August 29, 2003

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003-1469

RE: Cheyenne Airport Sewer Manhole Relocation, Application No.03-224, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems described as remove and replace a manhole out of a new taxiway surface, Section 30 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by 11 August 2006.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 03-224 in any future correspondence

If you have any questions, please contact me at 307-777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/mad/3-0942-ltr
cc: IPS Cheyenne

Gary Brown, Washington Group International
5920 Yellowstone
Cheyenne WY 82009



The State of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 2, 2003

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003-1469

RE: Lincolnway Family Dollar Waterline & Sewer Extensions, Application No.03-225, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 232 feet of 8" diameter waterline with a fire hydrant and 631 ft of 8" diameter sewer line and manholes, Section 34 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2006.

All service connections must have the appropriate type of backflow prevention device installed as required by Chapter 12, Section 14 of the Wyoming Water Quality Division Rules and Regulations.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 03-225 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/bb/3-0736.ltr

cc: IPS, Cheyenne

W. Charles Mitchell, CEI Engineering Associates, Inc., 3317 SW "I" Street, Bentonville AR 72712



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

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

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

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

NOTIFICATION OF COVERAGE

June 17, 2003

Mr. Larry A. Roness
Trustee of the Larry A. Roness Trust
Box 188
Newcastle, WY 82701

RE: Roness South Residential Septic System Permit # 03-226

Dear Larry:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2004.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne

John Patik, Black Hills Plumbing Inc., 1122 South Summit, Newcastle, WY 82701

**DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF WYOMING
UNDERGROUND INJECTION CONTROL PERMIT
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS
ISSUED UNDER CHAPTER 16, WATER QUALITY RULES AND REGULATIONS**

(X) New
() Modified

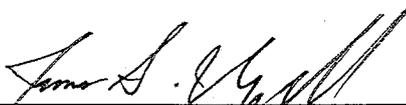
Permit Number: UIC 03-227
Subclass Number: 5E3

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 3 (1988), and Chapter 16 (2001),

Applicant: Wagon Hound Ranch
1061 Poison Lake Road
Douglas, WY 82073
(307) 358-5439

is authorized to operate the Wagon Hound Work Camp II Wastewater Facility in the NW¼SW¼, Section 6, Township 30 North, Range 72 West, of the 6th Principal Meridian; according to the procedures and conditions of application # 03-227 and other conditions of this permit as contained on pages 1 through 9.

This permit shall become effective on date of issuance.



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

8/13/03

Date

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A. DISCHARGE ZONE AND AREA OF REVIEW

1. **Discharge Zone:**

This injection facility (sanitary leachfield) is authorized to inject into the Alluvial Aquifer along Wagon Hound Creek which is found at this location from zero to 50 feet below the ground surface.

2. **Area of Review**

The facility authorized by this permit is located in:

Township 30 North, Range 72 West, 6th Principal Meridian
Section 6: SW¼NE¼ (Lot 18)

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

Township 30 North, Range 72 West, 6th Principal Meridian
Section 6: NE¼

B. GROUNDWATER CLASSIFICATION

1. The groundwater in the alluvial aquifer along Wagon Hound Creek is classified as class II (Agricultural Use) under Chapter 8 of Wyoming Water Quality Rules and Regulations (March 11, 1993). This classification was made because:

a. The groundwater in most of the alluvial aquifer meets all of the quality standards set forth in Chapter 8 for class II water; and

b. The groundwater in this formation is not currently being used for domestic purposes

2. Groundwater of class II shall not be degraded so as to make it unusable as a source of water for this purpose.

C. AUTHORIZED OPERATIONS

1. Wagon Hound Ranch is authorized to inject 67 barrels per day, (2,800 gallons per day) of wastewater as described: Domestic Sewage only from a mobile home park to be used as employee housing. The waste to be disposed of is to be treated first in a series of septic tanks on various sewer lines ahead of the leachfield. The operator is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield. This pressure is controlled by gravity drainage and is not required to be monitored. This provision does not preclude the operation of dousing pumps.
2. **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. Wagon Hound Ranch shall prepare records of all monitoring information to be retained for a period of at least 3 years after closure of the facility.

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)*
Monitor Wells Numbered A and B as shown in the application	Quarterly	EPA Method 350.3	Ammonia as N	.500
		EPA Method 353.2	Nitrate as N	10.0
		Microbiological Methods for Monitoring the Environment p. 108	Total Coliform	1 colony/100ml

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

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.

5. 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

Wagon Hound Ranch shall monitor the quality of the effluent from the downstream septic tank on each of the three systems at the point after all treatment has occurred on the following schedule. The following parameters shall be analyzed by the listed methods and report quarterly:

SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL) *
Quarterly	EPA Method 350.3	Ammonia as N	100.0

*All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. 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 Wagon Hound Ranch 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. 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. Wagon Hound Ranch 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. Wagon Hound Ranch shall give notice to the administrator as soon as possible of any planned physical alterations or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alteration or addition.
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. Wagon Hound Ranch shall report any noncompliance which may endanger health or the environment, orally within 24 hours from the time the operator 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.
 - c. A written submission shall be provided within 5 days of the time The operator 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. Wagon Hound Ranch 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 Wagon Hound Ranch 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. Wagon Hound Ranch 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) facility may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, an underground injection control permit has been issued by the department for the proposed operation.
 9. The 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 year.
 - 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. Annual reports are due in the Cheyenne office of the Water Quality Division no later than 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

1. After notice and opportunity for a hearing, a permit may be modified, suspended or revoked in whole or part during its term for cause which includes, but is not limited to, any of the following:
 - a. Violation of the permit;
 - b. Obtaining a permit by misrepresentation or failure of the discharge well or system.
2. Each permit is reviewed at least once every 5 years, and may be reviewed more frequently.

3. 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 Wagon Hound Ranch's discharge, as may be ordered by the council. The permit can be terminated by authority of the administrator for one or more permit violations.
4. Public notice of the permit review and request for public comment will be made every 10 years by the administrator.
5. Any permit noncompliance constitutes a violation of the permit and is grounds for enforcement action, permit termination, revocation, or modification.
6. The filing of a request by Wagon Hound Ranch for a permit modification, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
7. 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, and no such transfer will be approved if the facility is not in compliance with the existing permit unless the proposed permittee agrees to bring the facility into compliance.
8. Nothing in this permit shall be construed to preclude the institution of any legal action or relieve Wagon Hound Ranch from any responsibilities, liabilities or penalties established pursuant to any applicable state law or regulation.
9. 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.
10. 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.
11. Pollution or waste which migrates into an aquifer containing a usable groundwater of the state is a violation of the permit.
12. This permit is for a term of ten years. If Wagon Hound Ranch wishes to continue injection after the expiration date of this permit, they will be required to apply to the Administrator for, and obtain, a new permit.
13. 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 a permit condition shall be reported to the administrator through the submission of a new or amended permit application.
14. The injection facility covered by this permit shall meet the construction requirements found in Section 10 of Chapter 16, and Part D of Chapter 11, Water Quality Rules and Regulations. The permittee shall submit notice of completion or construction to the administrator and allow for inspection of the facility upon completion of construction prior to commencing any injection activity.
15. The permittee shall notify the administrator seven (7) days prior to conversion of this facility to any other use, or final abandonment of the facility.

16. Injection shall not commence until all construction is complete.

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 Wagon Hound Ranch 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.
5. 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 this permit. Proper operation and maintenance includes 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 the permit.
6. Allow the administrator, or an authorized representative of the administrator, upon the presentation of credentials, during normal working hours, to enter the premises where a regulated facility is located, or where records are kept under conditions of this permit, and inspect the discharge and related facilities, review and copy reports and records required by the permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

I. SPECIAL MEASURES THE DIRECTOR FINDS NECESSARY:

1. 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. Wagon Hound Ranch shall submit a modified application showing plans for a replacement leachfield (or other type of waste disposal method) within 90 days of determining that the primary leachfield has failed. Since this is a mounded leachfield, Wagon Hound Ranch shall conduct a visual inspection of the toe of the leachfield structure on a monthly basis to insure that no sanitary waste is found to be surfacing.
2. After the first three years of operation under this permit, the environmental monitoring requirements of this permit shall be reevaluated by the Water Quality Division to determine their effectiveness and the overall necessity for each of the requirements placed on this permit. At that time, Water Quality Division may impose more or less stringent requirements for monitoring and reporting.

J. SIGNATORIES REQUIREMENT

1. All reports required by this permit and other requested information shall be signed as follows:
 - a. For a corporation -- by a principal executive officer of at least the level of vice-president;
 - b. For a partnership or sole proprietorship -- by a general partner or the proprietor, respectively;
 - c. 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.
2. 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.
3. 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."

RFL/bb/3-0876.ltr

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: UIC 03-227

B. Facilities Covered: The Wagon Hound Ranch II MHP Wastewater System. Covers a new septic system to discharge into two leachfields with a total capacity of 2,800 gallons per day.

C. Class of Facility: 5E3 (Under Chapter 16)

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

A. Chapter 8 Yes

D. Chapter 12 No

B. Chapter 9 No

E. Chapter 13 No

C. Chapter 11 Yes

F. Chapter 16 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 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 17, Chapter 3. Note that sediment ponds, public water supplies, sewerage systems, and

small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable. This is a new septic system which was required to obtain an individual UIC permit. A groundwater review has been completed in accordance with Section 17. This system will provide for a flow capacity to 2,800 gallons permit day.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

- A. The applicant has been provided with a draft permit prior to the permit being issued.
- B. A Public Notice has been issued with a public notice period starting July 3, 2003 and ending on August 4, 2003 (30 day notice as required by Chapter 16.) This notice was published in the Douglas Budget on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Robert F. Lucht, P.E. and P.G., UIC Program Supervisor, and completed on June 25, 2003. 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."

RFL/bb/3-0877.ltr



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 27, 2003

George Eppler
Eppler Pump & Pipe, Inc.
P.O. Box 187
Sundance, Wyoming 82729

RE: George Eppler House Septic System, Application No. **03-228**
Location: W 1/2 NE 1/4, Section 21, T30N, R68W, Platte County

Dear Mr. Eppler:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.
2. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 30, 2005. Please reference Application Number **03-228** in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0717.ltr

cc: IPS, Cheyenne

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 27, 2003

George Eppler
Eppler Pump & Pipe, Inc.
P.O. Box 187
Sundance, Wyoming 82729

RE: George Eppler Bunkhouse Septic System, Application No. **03-229**
Location: W 1/2 NE 1/4, Section 21, T30N, R68W, Platte County

Dear Mr. Eppler:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.
2. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 30, 2005. Please reference Application Number **03-229** in any future correspondence.

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

Sincerely,

A handwritten signature in black ink that reads "Ronald L. Ewald". The signature is written in a cursive style with a large initial 'R' and 'E'.

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0716.ltr

cc: IPS, Cheyenne

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



The State
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ARCHIVES



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

August 14, 2003

Andy Pleasant, Owner
P.O. Box 783
Green River, Wyoming 82935

RE: Green River - A. Pleasant Subdivision Phase I, Permit # 03-230R, Sweetwater County, NW 1/4 NW 1/4 Section 26, T18N, R107W, PWS # WY5601181

Dear Mr. Pleasant:

The above application for coverage under General Permits to Construct the extensions of a public water supply distribution system and a sewage collection system in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations have been reviewed and is hereby approved. You are authorized to construct the facilities, which consist of 1000 linear feet (LF) of 8 - inch and 280 LF of 6-inch PVC water main, and 1140 LF of 8 - inch PVC sewer main and appurtenances, in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. If you have any questions, please contact me at 307-332-3144.

Sincerely,

Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

cc: IPS, Cheyenne
encl: General Permit for a Public Water Supply Distribution System,
General Permit for a Sewage Collection System



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

1-3-03 part

June 24, 2003

Dr. Shen Wang
Senior Environmental Engineer
Halliburton Energy Services
4100 Clinton Drive
Houston, TX 77020

**Re: Halliburton Energy Services, Riverton, Revised CAP,
Fremont County, Wyoming Permit Number 03-232**

Dear Dr. Wang:

The Water Quality Division (WQD) has reviewed the above referenced revised Corrective Action Plan (CAP). The CAP is approved as submitted and permit #03-232 is authorized. Permits for the injection of the hydrogen peroxide by the UIC Program, and for the treatment and disposal of petroleum contaminated soil by the SHWD will be issued separately. Please contact Mr. Robert Lucht (307/777-7095) for questions on the UIC permit and Mr. Patrick Troxel (307/332-6924) for questions on the soil permit.

In your last submittal, you selected continuing with the Chapter 3 permitting process for your clean up. We appreciate you taking the time to make this decision and thank you for your continued cooperation in the remediation of this facility.

Sincerely,

Mark Thiesse
GPC West District Supervisor
Water Quality Division

Attchs: Permit to Construct #03-232
GPC Review

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-232
SPECIAL CONDITIONS

Former Halliburton Facility, Riverton, WY

This permit hereby authorizes the applicant:

Halliburton Energy Services Inc.
4100 Clinton Drive
Houston, TX 77020

to construct, install or modify a series of soil borings for hydrogen peroxide injection and excavations according to the procedures and conditions of the application number 03-232. The facility is located in NE 1/4, Section 22, T1N, R4E in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 30, 2008.

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, to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

The permittee shall notify representatives from the DEQ, Water Quality Division when the construction commences and give an estimate of completion for the project. The authorized representative in your area can be contacted at the following address: WDEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; telephone (307) 332-3144; FAX (307) 332-3183.

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 7 After the monitoring well(s)/piezometer(s) have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with City and/or Highway Department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.
2. of 7 WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of groundwater monitoring wells/piezometers or soil borings, and sample collection so that they may be on site if deemed necessary.
3. of 7 The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
4. of 7 The results of any other analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available.
5. of 7 ***Environmental Monitoring Program for Groundwater of the State:***
 - a. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity and performed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.
 - b. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The name(s) of individual(s) who performed the sampling or measurements;
 - iii. The Mean Sea Level elevation of the water table to the closest .01 ft., and the depth to water (to the closest .01 ft.) from a marked measuring point at the top of casing.
 - iv. Sampling procedures and sample preservation accomplished;
 - v. The date(s) analyses were performed;
 - vi. Names of individuals who performed the analyses;
 - vii. The analytical techniques or methods used; and

- viii. The results of such analyses.
- ix. Groundwater samples from the monitoring wells shall be analyzed as indicated on the following table. This table supercedes previous permit requirements.

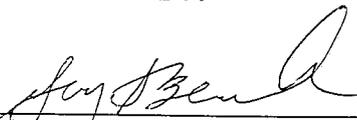
WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
MW-1, 3, 4, and 5	Following each injection event	8021 8015	BTEX, TPH-DRO and TPH-GRO	
All existing monitoring wells	Quarterly after the injection process is complete	As above	As Above	

* Permit Limits (i.e. Groundwater Protection Standards) are only required for compliance monitoring wells. All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

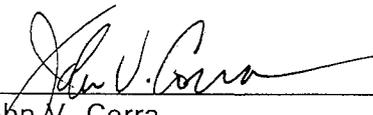
6.of 7 Within sixty (60) days of completion of the injection process, a summary of the injection field work and initial groundwater monitoring results should be submitted to this office. This report can be coordinated with any reporting requirements for the UIC permit that is being issued separately. Once the quarterly monitoring begins, an annual report, following the fourth quarterly sampling event, needs to be submitted to the Lander office.

7.of 7 The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WOD. An adequate number of well(s)/piezometer(s) shall be installed to define the nature and extent of the contamination.

AUTHORIZED BY:



 Gary Beach
 Administrator
 Water Quality Division



 John V. Corra
 Director
 Department of Environmental Quality

6-24-03

 Date of Issuance

IT/bv/3-0668.ltr

cc: IPS
 Lander

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: SITE REMEDIATION / INVESTIGATION

APPLICANT: Dr. Shen Wang
Halliburton Energy Services
4100 Clinton Drive
Houston, TX 77020

ENGINEER/
CONSULTANT: Ms. Liz Scaggs
Project Manager
Entact, Inc.
4040 West Royal Lane, Suite 136
Irving, Texas 75063

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 03-232

EXISTING NEW AS BUILT

TITLE: Former Halliburton Energy Services Facility, Riverton, Wyoming, Revised Corrective Action Workplan

PLANS SPECS PROPOSAL REPORT
[Check all that APPLY]

DATE ON PROPOSAL/PLANS/REPORT: June 10, 2003 (Date stamped 6/12/03)

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT? NO YES [02-072]

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

REVIEWING OFFICIAL:

Mark Thiesse, PG

DATE OF THIS REVIEW: June 19, 2003

ACTION: Work Plan Approved, Permit #03-232 Authorized.

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description. The facility is located 1.6 miles north of the intersection of Highway 789 and Highway 26, north of Riverton. The location is NE 1/4 of Section 22, T 1N, R4E in Fremont County, Wyoming. The facility consists of a metal office building and shop area, a sump/wash rack located within the building, an oil/water separator north of the office building, and a concrete bermed area and diesel and gasoline pump island near the southern portion of the facility. Diesel and gasoline ASTs were previously located within the bermed area. The concrete and berm are no longer present. A bulk storage building, used by Halliburton for chemical drum storage, was located near the southwestern corner of the facility. A chemical terminal area is located near the northwest corner of the site. The majority of the site is overlain with gravel.

1.2 Site History: In December 1997, petroleum hydrocarbon contamination was detected in soils in the AST area. Four borings exceeded the TPH-GRO regulatory level, ranging from 72.7 to 3520 mg/kg. Three borings exceeded the TPH-DRO regulatory level, ranging from 217 to 3050 mg/kg. Groundwater contamination above standards was detected in three monitoring wells. MW-1 and MW-3 benzene concentrations were 0.22 and 0.02 mg/l, respectively. MW-4 exceeded standards with the following constituent concentrations: benzene-6.58 mg/l, ethyl benzene-1.60 mg/l, toluene-12.42 mg/l, TPH-GRO-88.4 mg/l, and TPH-DRO-19.8 mg/l. In the AST area, soil impacts have been delineated, except to the south. Groundwater impacts have been delineated to the east (down gradient) and to the west, but not to the north or south.

In June 1998, an additional investigation was performed to fill in the data gaps identified in the December 1997 investigation. A soil boring south of the AST area (Boring EB-11) only had minor amounts of BTEX contamination. Another soil boring (EB-9) was performed east of the acid rack with low levels of inorganic contamination identified in the four to six (4-6') foot level. Groundwater wells were installed north and south of the area previously investigated around the AST. Both wells had hydrocarbon contamination below WDEQ standards for BTEX, TPH-DRO, and TPH-GRO. A single groundwater monitoring well was installed east of the acid rack and had TPH-DRO very slightly above the WDEQ standard.

1.3 Hydrogeology. The report of investigation (ROI) states that the site is located on a gentle slope of a terrace of the Wind River. The on-site soils are unconsolidated, poorly sorted gravel and sand, underlain by "fat clay". The water table was encountered at depths of seven to nine feet below surface. The general flow direction of the unconfined aquifer is towards the east. The hydraulic conductivity on the site was determined to be 3.29 E-4 cm/sec .

The ROI states that the Wind River Formation is the principal source of water in the Riverton area with discontinuous water bearing zones which may or may not be in hydraulic communication. Wells completed in this formation across the area range in depth from 50 to 1,200 feet below ground surface. Recharge to the Wind River Formation is due to local infiltration. Based on this information, the groundwater classification is Class I (domestic) based on use.

2.0 SUMMARY OF WORK COMPLETED TO DATE:

2.1 Phase I and Phase II Site Assessments. The Phase I site assessment was conducted in the area of the acid rack. Phase II entailed the investigation of the oil/water separator, the drain line connecting the sump/washrack to the separator, the discharge line from the separator, the area encompassing the bulk storage building, and the area encompassing the gasoline and diesel pump island and AST bermed area (September 24, 1997 GPC Review).

2.2 December 1997 Subsurface Investigation. The purpose of the December 1997 investigation was "to completely define the extent of groundwater impact in the former above ground storage tank fueling (AST) area and further investigate the extent of impacted soil and the possibility of impacted groundwater to the north of the chemical terminal."

A ROI was submitted. Seven soil borings were drilled, one in an area to confirm the existence of a grit pit, and six borings around the area of the AST. Five monitoring wells were installed in the AST area. One soil sample was collected from each of the borings and analyzed for SVOC, BTEX, TPH-DRO, TPH-GRO, and RCRA metals. Groundwater samples were collected from each monitoring well and analyzed for SVOC, BTEX, TPH-DRO, TPH-GRO, RCRA metals (dissolved, field filtered) and major cations and anions. Slug tests were conducted to evaluate the hydraulic conductivity. A potentiometric surface map was constructed, and isoconcentration maps were constructed for TPH-DRO (soil), TPH-GRO (soil), and benzene (groundwater). A water well search was conducted for the area within a one mile radius of the site. The ROI did not include recommendations, a corrective action plan (CAP), or a sampling and analysis plan (SAP).

The approved work plan proposed drilling five soil borings in the area north of the chemical terminal, which were to be completed as monitoring wells if field observations indicated the possibility for groundwater impact. The borings were not completed or discussed in the ROI. In a follow-up letter (5/15/98), Halliburton explained that a single boring was completed in the suspected center of mass and because no hydrocarbon contamination was found, no additional borings were drilled.

2.3 June 1998 Investigation. The following field work was performed during this phase of the investigation:

- a. One groundwater monitoring well (MW-6) was installed to the north of the AST area to define the northern extent of groundwater contamination.
- b. One groundwater monitoring well (MW-7) was installed east of the drive-on slab at the chemical terminal to investigate previously indicated impacts in this area.
- c. One soil boring (EB-10) was drilled south of the AST area to delineate soil impacts.
- d. One groundwater monitoring well (MW-8) was installed off-site to the south of the AST area to delineate the southern extent of groundwater impacts.
- e. In addition, all existing wells were sampled for laboratory analysis and water quality parameters (pH, DO, etc), and the wells were measured for groundwater elevations. Soil samples were taken from all of the new wells and borings for laboratory analysis.

Except for borings EB-11 (MW-8), and EB-9 (MW-7) the soil analytical results for BTEX, were non-detect (ND) in the new wells. Boring EB-11 had minor amounts of BTEX (0.003, 0.0062, 0.0283 and 0.034 mg/kg) in the soil. Boring EB-9 had barium (114.0 mg/kg), Chromium (8.65 mg/kg) and lead (3.85 mg/kg) in the soil.

The groundwater analyses identified BTEX, TPH-GRO and TPH-DRO at concentrations above WDEQ standards in four wells. The wells that exceeded the standards were: MW-1, benzene (1,366 µg/l), and TPH-DRO (15.2 mg/l); MW-3, benzene (600 µg/l); MW-4, BTEX (11,300/18,900/4,200/ and 11,900 µg/l), TPH-GRO (269 mg/l), TPH-DRO (38.3 mg/l) and Total TPH (307 mg/l); and MW-7 TPH-DRO (10.9 mg/l) and Total TPH (13.5 mg/l). Wells MW-1, MW-3 and MW-4 are associated with the AST area, well MW-7 is located east of the acid rack.

Based on the data presented to date, it appears that the extent of contamination has been sufficiently defined in order to begin remediation.

2.4 August 1998 Corrective Action Plan. Briefly, the remedial approach proposed in the August 1998 document consists of excavation of the most highly impacted soil, performing in situ air stripping in the water that accumulates in the excavation, placing an oxygen releasing compound (ORC) into the excavation and backfilling with clean soil, and injecting ORC into the perimeter of the dissolved phase plume in a series of borings. The ORC is intended to act as a continuing supply of oxygen to accelerate the bioremediation that is already taking place.

The groundwater at the site will be monitored monthly for a period of one year following the remedial work. All of the existing wells will be tested for bioremediation parameters, inorganic compounds, BTEX, TPH-DRO, and TPH-GRO.

After one year, monitoring for all parameters will be performed quarterly until WDEQ standards are reached.

2.5 Additional Submittal. In response to the October 15, 1998 GPC review, ENTRIX submitted additional information addressing the GPC's concerns. All of the GPC comments were satisfactorily addressed in the November 3, 1998 document, and there are no additional requests or recommendations.

2.6 November 1999 Remediation Status and Groundwater Monitoring Report. This report provided a summary of the corrective action described above, and presented the results of four quarters of groundwater sampling from June 1998 through April 1999.

2.6.1 Corrective Action Summary. The soil excavation, air stripping and ORC placement proceeded as described above. Contaminated soil from the 4 to 9 foot deep range was placed in piles for land farming. Originally it was hoped that the soil could be disposed of in the Sand Draw landfill, however, TPH readings were too high (TPH-GRO = 1000 mg/kg +/-, and TPH-DRO = 2920 mg/kg +/-) for the landfill to take the soil. Halliburton will first treat the soil by land farming it onsite, and then take it to the landfill when it reaches acceptable levels (i.e., TPH-GRO = 300 mg/kg and TPH-

DRO = 1000 mg/kg). The WDEQ/SHWD has permitted the land farm facility and construction of the land farm began in late November 1999.

Soil samples were taken from the sides and bottom of the excavation. The analyses show that the excavation did not reach the 100 mg/kg goal for soil removal. TPH-DRO levels as high as 1100 mg/kg remained in the walls of the excavation. The north end of the bottom of the excavation had soil readings of 107mg/kg TPH-GRO and 206 mg/kg TPH-DRO. The southern end of the bottom had readings below WQD standards. It is anticipated that natural attenuation will remediate the remaining soil contamination.

An in-situ air stripping process was used while the hole was open while waiting for the laboratory analysis results. Air flowed through the system for 68 hours. The sparge lines were buried in place for future use if necessary. Additional air sparge lines were placed during the backfilling at a depth of 3.5 feet below grade, also for future use. A total of 600 pounds of ORC was added to the groundwater in the excavation prior to backfilling. This material will slowly release oxygen to the groundwater to aid the bioremediation. Additional ORC was injected into 64 locations surrounding the excavation by a direct push rig. Monitoring wells MW-1 and MW-4 were destroyed during the excavation, and were replaced after backfilling. The wells were "... constructed identical to those that were removed."

2.6.2 Groundwater Monitoring Report. The report also presented the data from monitoring wells that were measured and sampled in October 1998, January 1999, and April 1999. The wells were sampled for BTEX, TPH-DRO, TPH-GRO, and for NA parameters. A complete evaluation of the data will be provided in the NA report due in July 2000. Briefly, the hydrocarbon contamination remained relatively constant, with readings for BTEX, TPH-DRO, and TPH-GRO above WQD standards in wells MW-1, MW-3 and MW-4, all of which are located close to the original fueling station and above ground storage tank. Two new borings were performed south of the property line to confirm that contamination was not leaving the site. The soil in new boring EB-12 was non-detect for BTEX and TPH-DRO and TPH-GRO. Groundwater samples were taken from borings EB-12 and 13 and were non-detect for BTEX.

2.7 August 2000 Natural Attenuation Report. This submittal summarized the results of the quarterly groundwater sampling and other site activities for 1999 and 2000. The soil that was excavated and treated on site was removed during the week of August 10, 2000, and placed in the Sand Draw Landfill. The groundwater sampling did not show evidence of the oxygen injection. Most wells continued to have the same levels of hydrocarbon contamination as has previously been described. Surprisingly, LNAPL began to be observed in well MW-4 in December 1999. Well MW-4 was re-installed in the area that was excavated. Halliburton installed a passive LNAPL recovery skimmer in August 2000, and operated it until June 2001 when it was removed because no more LNAPL was observed. It is not known how much LNAPL was recovered. Quarterly sampling for hydrocarbon contamination and natural attenuation parameters was to continue until the next annual report.

2.8 2001 Final Annual Groundwater Monitoring Report. This report, submitted by Tetra Tech EM Inc, summarized the activities at the site and proposed some additional investigations to better define the hydrocarbon soil contamination.

2.8.1 Groundwater Monitoring. The Report provided the results of sampling done in November 2000, and March and June of 2001 for hydrocarbons and for natural attenuation parameters. Wells MW-1, 3 and 4 continued to be the only ones with hydrocarbon readings above WQD standards. No trend was observed in these readings. The natural attenuation parameters also did not indicate any noticeable trend.

2.8.2 Conclusions/Recommendations. The Report concluded that several wells contained hydrocarbon contamination over WQD standards during this last year. No trends were observed in the contamination or natural attenuation parameters. The groundwater elevation data suggest that there is a groundwater "mound" associated with the excavation area. The Report also concludes that the air sparging and ORC injection activities have not provided any benefit to the remediation at the site.

The Report recommends that an investigation be performed to more completely define the extent and degree of soil contamination at the site. This investigation would be done by direct push borings. Following this investigation, a report will be submitted proposing future activities for the site. Groundwater monitoring will continue as planned on a semi-annual schedule. If LNAPL reappears in MW-4, it will be removed by the most effective means practicable.

2.9 March 2002 Work Plan. This report provides the plan for performing a limited soil investigation intended to more completely define the extent of the soil contamination at the site. By defining the soil contamination, Halliburton is considering an additional soil excavation to augment the site remediation. The soil investigation will be performed using direct push technology to obtain soil samples from four different areas at the site. The sampling and analysis will be performed using proper, approved methods. The soil will be analyzed for BTEX and for TPH-DRO constituents. The results of the soil investigation will be reported along with the two semi-annual groundwater monitoring events later this year.

2.10 January 2003 Subsurface Investigation Report and CAP. The January 2003 report submitted by ENACT, provided the results of the soil investigation described above and the results of groundwater monitoring performed in 2002. Additionally, this report provided a corrective action plan (CAP) that proposes using excavation and in-situ chemical oxidation and reduction to remediate the hydrocarbon contamination at the site.

The 2002 work plan for the soil investigation discussed using a direct push technology, but an auger drilling rig was used instead to construct the soil borings and to collect soil samples. Nine borings were drilled, and soil samples were collected from the surface to a depth of six to eight feet below ground surface. The samples were field screened for hydrocarbon contamination, and those with the highest field readings, or those from just above the water table if the field readings were non detect, were sent in for lab analysis. The samples were analyzed for TPH-DRO and TPH-GRO using EPA 8015, and for BTEX compounds using

method 8021. Four of the borings had TPH soil contamination above WQD standards and one boring had BTEX levels above WQD standards. This work appears to have defined the extent of residual soil contamination at the site.

Groundwater elevation measurements were taken, and sampling was performed in all the existing wells. Field parameters were measured and laboratory samples were taken for TPH-DRO and GRO analyses using method 8015, BTEX using 8021 and, in well MW-7, lead was analyzed using method 6010. The maximum hydrocarbon concentrations are still being found in MW-1, 3, and 4. Minor amounts of hydrocarbons were also detected in well MW-5, 6, 7, and 8. Lead was non-detect in well MW-7.

Based on the data collected from past and present groundwater monitoring, and from the data collected from the recent soil borings, Halliburton has proposed further excavation and in-situ treatment of the soil and groundwater as the next step in remediating this facility. The soil data has defined 3 areas of contamination that are proposed to be excavated. The excavation will be approximately 6 feet deep, which is the bottom of the vadose zone. Field measurements for hydrocarbon contamination will be used to determine when to stop the digging. TPH-DRO values of 2,300 mg/kg and TPH-GRO values of 30 mg/kg will be the target concentrations. Confirmation samples will be taken from the sides and floor of the excavation. Approximately 1500 cubic yards of soil will be excavated. The soil will be stockpiled on the surface for sampling to determine the disposition of the soil. If the hydrocarbon levels are too high for the local landfill to accept, the soil will be treated on site until the landfill levels are reached.

Several technologies that could be used to remediate the groundwater plume were evaluated. Halliburton is proposing to use an in-situ method that will utilize a patented oxidation process called ISOTEC. This is a modified "Fentons" reagent process that works in neutral pH conditions instead of acidic conditions that a Fentons process uses. The previous oxygen release compound (ORC) injection work did not prove to be very effective. This is thought to be due to the lack of mobility of the ORC in the subsurface. A detailed description of the proposed process is provided in the Report. The ISOTEC material will be injected in a grid pattern using temporary injection wells. Quarterly groundwater monitoring will be performed following the excavation and injection field work. Samples will be analyzed for BTEX and TPH-DRO and GRO compounds. Based on the groundwater data, additional injection events may be performed.

2.11 June 2003 Revised CAP. This CAP addresses comments that the WQD provided on the January 2003 CAP. An application for a Chapter 3 Permit to Construct, along with applications for a SHWD One Time Authorization for the treatment of petroleum contaminated soils and a UIC permit were included in the submittal. The soil excavation and ISOTEC injection field activities are the same as described above in Section 2.10. Soil confirmation sampling criteria that follow the VRP guidance, were provided. Soil that is contaminated above the "clean fill" levels will either be disposed of at a local landfill or will be first treated on site down to acceptable levels, then taken to the landfill for disposal.

Following each of the four (4) planned ISOTEC injection events, groundwater monitoring will be performed in the four (4) wells that are in the immediate area of the injections. More events

may be required if the contamination persists. After the injection process is complete, all of the monitoring wells at the site will be sampled on a quarterly basis for at least one year to monitor the effectiveness of the injection process. Halliburton also chose to remain with the Chapter 3 permitting process instead of switching to the VRP.

3.0 REQUESTS, REQUIREMENTS, AND RECOMMENDATIONS

3.1 June 2003 CAP. The revised CAP addressed the comments we made on the January 2003 version sufficiently. We have no comments on, or concerns with the proposed corrective actions. The SHWD and the UIC Program will issue the One Time Treatment and UIC permits separately.

Also, we appreciate you making a decision concerning the VRP and Chapter 3 permitting processes. You selected the Chapter 3 process for the remediation of this facility.

END OF REVIEW



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

September 18, 2003

Mr. Wayne Suda
Red Rocks Ranch Motel, Inc.
P. O. Box 642
Dubois, WY 82513

RE: Riverside RV Park - Wastewater Disposal System, Permit Number 03-233R
Fremont County

Dear Mr. Suda:

The above application for coverage under General Permit to Construct, septic tanks, lift station and pressurized distribution system in a leach bed in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facility(ies) in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Jeff Hermansky
Northwest District Engineering Supervisor
Water Quality Division

xc: IPS, Cheyenne

PERMIT TO CONSTRUCT

X New
Renewal
Modified

PERMIT NO. 03-234R
Previous DEQ/WQD Permits 02-279RR& 03-355
SPECIAL CONDITIONS

Newpark Water Treatment Facility - Lot #19 Disposal Pond

This permit hereby authorizes the applicant:

Newpark Environmental Services, L.L.C.
846 South 4th Street
Lander, WY 82520

to construct on Lot 19 a commercial Resource Conservation and Recovery Act (RCRA) oil and gas exploration and production exempt waste disposal and treatment pond permitted to receive produced water only according to the procedures and conditions of application number 03-234R. The facility is located in SW1/4 Section 32, T31N, R107W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 5, 2005.

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 (WQD), to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance, or non-compliance with any rules, regulations, standards, permits or orders.

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: Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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 12 The applicant will provide immediate oral and/or written notice to the Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; (307)332-3144; FAX (307)332-3183; in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 12 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 3 of 12 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 4 of 12 This pond is permitted to receive oil and gas field exploration and production produced water only.
- 5 of 12 Prior to the filling of this pond, measurement of the depth to groundwater and sampling and testing of groundwater in the three (3) proposed new monitoring wells is to be performed to establish background levels of the groundwater constituents and parameters shown in Table I of Chapter 8 of the Wyoming Water Quality Rules and Regulations.
- 6 of 12 The leak detection system inspection pipes are to be checked weekly for the first month and monthly thereafter with a log kept of the inspection results. If fluid is found, the DEQ/WQD Southwest District is to be notified immediately, and samples are to be pulled from the inspection pipes and the evaporation cell(s) and tested for total petroleum

hydrocarbons (TPH) by EPA method 8015 (modified for gasoline and diesel range hydrocarbons), chlorides, total dissolved solids (TDS), and sulfates. Results are to be reported to the DEQ/WQD as soon as they are available.

- 7 of 12 If fluid is found in the leak detection system, and a leak is verified by observation or sampling and testing, the fluid recirculating system shall be activated to minimize the fluid level under the pond liner and the chance for migration of the fluid to groundwater, until repairs and/or corrective action can be taken.
- 8 of 12 If a leak in the primary liner of a cell is confirmed, the following monitoring, reporting, and repair actions are required:
- 1) High level alarms on the recirculating leak detection system sumps shall be continuously monitored.
 - 2) The totalizing hour meters shall be read at least weekly.
 - 3) If the recovery rate exceeds 400 gallons per day per acre (gpd/acre) for any sub-cell as delineated by the recovery system, the permittee shall notify the DEQ/WQD within seven (7) days. Repair of the primary liner must be scheduled within 12 months.
 - 4) If the recovery rate exceeds 800 gpd/acre for any sub-cell as delineated by the recovery system, the DEQ/WQD shall be notified within 48 hours. Repair of the primary liner must be scheduled within 60 days.
 - 5) If the high level alarm level is reached, the DEQ/WQD shall be notified immediately. Repair of the primary liner must be initiated immediately.
 - 6) If fluids are detected in the leak detection system and there is a threat of contamination to groundwater, the DEQ/WQD may require periodic sampling and testing of the groundwater monitoring wells. Required sampling and testing parameters and frequency will be determined by the DEQ/WQD.
- 9 of 12 Fluids in the evaporation cells are to be sampled and analyzed annually during the fall to determine levels of total petroleum hydrocarbons (TPH) by EPA method 8015 (modified for gasoline and diesel range hydrocarbons), chlorides, total dissolved solids (TDS), and sulfates.
- 10 of 12 A completed operation and maintenance manual for this facility must be submitted to the Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520. This manual must meet the applicable requirements of Chapter 11, Section 24 of the Wyoming Water Quality Rules and Regulations, and be approved by the DEQ/WQD prior to placing this facility in operation.
- 11 of 12 All open-topped tanks shall be covered with netting or screen to prevent the entry of birds and/or other wildlife. The netting or screen shall be constructed so it remains intact and above the surface of the liquid in the tank even during winds up to 80 mph and/or when weighted with snow, ice, or rain.

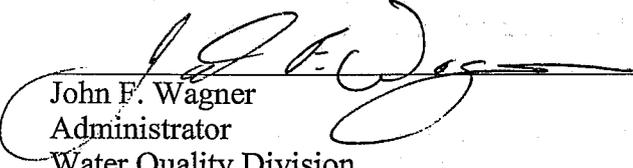
To protect birds and other wildlife, evaporation cells shall be kept virtually oil free at all times, or shall be completely netted or screened to the standards required for open-topped

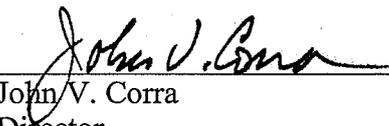
tanks. All produced water received by this facility shall be treated in the receiving and pretreatment facilities to remove hydrocarbons from the produced water before it is discharged to the evaporation cells. If a sheen develops on any part of an evaporation cell, it shall be removed immediately by skimming, use of sorptive materials and/or by the introduction to the evaporation cell(s) of biological cultures that digest hydrocarbons.

- 12 of 12 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming DEQ/WQD for the amount of the estimated pond closure and post-closure costs. This bonding amount has initially been set for this project, and must be in place prior to construction. This bonding amount is subject to review on an annual basis.

The closure of this facility shall be in compliance with the submitted plan and Chapter 14 of the Wyoming Water Quality Rules and Regulations, unless the DEQ/WQD determines additional remediation of the site and/or waters of the state is required.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

10-22-03
Date of Issuance

MDB/mb
bb/3-0962.ltr

cc: County of Sublette; Planning and Zoning Office; P.O. Box 506; Pinedale, WY 82941

STATEMENT OF BASIS

I. General information.

Permit Number: 03-234R

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. Yes

B. Chapter 12. No

C. Chapter 14. Yes

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

No

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

Yes

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

No

IV. Facilities not specifically covered by regulations.

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

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.

No

- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3¹.

Yes

- VI. If Section 17 of Chapter 3 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 pond is to have a single 60 mil high density polyethylene (HDPE) primary liner and a compacted clay secondary liner. The pond will be equipped with a leak detection system. If a leak is detected, there is a recirculation system to return leaking fluids to the pond, thus reducing the hydrostatic head on the secondary liner, and minimizing migration of the fluids to groundwater. There are also three proposed monitoring wells that can be checked to monitor groundwater impacts. Testing of groundwater in the proposed monitoring wells is to be performed to establish background conditions prior to the initial filling of these ponds.

- 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:

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:

The proposed design, with a leak detection capability and three monitoring wells is intended to prevent any violation of groundwater standards.

- E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter 8. 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

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

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

The leak detection access pipes are to be checked weekly for the first month the pond is used and monthly thereafter, with a log kept of the inspection results. If fluid is found, the DEQ/WOD Southwest District is to be notified immediately, and samples are to be pulled from the inspection pipe(s) and the pond cell(s) and tested for total petroleum hydrocarbons (TPH) by EPA method 8015 (modified for gasoline and diesel range hydrocarbons), chlorides, total dissolved solids (TDS), and sulfates. Results are to be reported to the WOD as soon as they are available.

If fluid is found in the leak detection system and a leak is verified by observation or by sampling and testing, the fluid recirculating system is to be activated to control the fluid level under the primary pond liner and minimize the chance for migration of the fluid to groundwater.

If fluids are detected in the leak detection system and there is a threat of contamination to groundwater, sampling and testing of the groundwater monitoring wells will be required at intervals and for the period of time deemed necessary by the DEQ/WOD to assess any impacts and determine actions necessary to protect or remediate the groundwater.

Fluids in the pond are to be checked annually for hazardous constituents by collecting a composite sample representative of the stored fluids and analyzing it for metals using EPA Method 6010, for volatiles using EPA Method 8240 or 8260, and for semivolatiles using EPA Method 8270 from the EPA/RCRA TCLP constituents list.

VII. Documentation of Statement of Basis.

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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Mark Baron, Environmental Senior Analyst, and completed on September 5, 2003. 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."

MDB/bb/3-0962.ltr



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

November 25, 2003

Stephen H. Meinberg
P.O. Box 459
Wheatland, Wyoming 82201

RE: Meinberg Residential Septic System, Application No. 03-235
Location: SE 1/4 SE 1/4, Section 26, T26N, R70W, Platte County

Dear Mr. Meinberg:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from each compartment of the tank must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 26, 2005. Please reference Application Number 03-235 in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bb/3-1227.ltr

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Meinberg Residential Septic System

CONTRACTOR: Jack Johnson
Johnson's Pump & Excavating
31 South Gap Road
Wheatland, Wyoming 82201
Ph: (307) 322-2343

APPLICANT: Steve Meinberg
1251 North 21st Street, Apt. 242
Laramie, Wyoming 82072

WATER QUALITY DIVISION REFERENCE NUMBER: 03-235

REVIEWING ENGINEER: Ronald L. Ewald *RLE*
Phone: (307) 777-6183

DATE OF REVIEW: June 18, 2003

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 12 (a), Chapter III, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Owner's Signature - The owner must sign the application himself. The contractor can not sign for the owner unless he has legal "Power of Attorney" to do so. I am including a new application form with this review for the owner to sign and return.
2. Subdivision Approval Date - In the application, it says that this property is located in the "Laramie Peak Ranch" subdivision. When was this subdivision platted or approved (month and year)?

RLE/bb/3-0661.ltr

Enclosure: New application form for OWNER to sign

PERMIT TO CONSTRUCT

New
 Renewal

PERMIT NO. 03-236
SPECIAL CONDITIONS

McDonald's, I-25 and College Drive, Cheyenne
PWS: WY5601243

This permit hereby authorizes the applicant:

McDonald's Corporation
5801 Yellowstone Road, Suite 200
Cheyenne WY 82001

to construct, install or modify a new well and related controls, chlorination equipment and modification of existing storage reservoir according to the procedures and conditions of the application number 03-236. The facility is located in SW 1/4 Section 8 T13N R66W in the county of Laramie, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 11, 2006.

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 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 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, to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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, 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

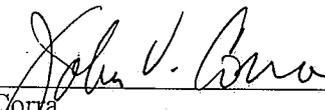
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 operator shall comply with all of the following permit conditions:

- 1 of 6 The applicant will provide immediate oral or written notice to the DEQ/WQD Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 6 The new well shall be disinfected after all construction activities are completed. Field tests shall demonstrate that a minimum chlorine concentration of 50 ppm has been maintained for at least 4 hours.
- 3 of 6 After disinfection the well shall be pumped until a field test demonstrates that the maximum chlorine concentration is less than 2 ppm. Only then a total coliform test shall be taken to demonstrate that the well is free of bacterial contamination. A sample shall also be tested using EPA Standard 524.2 for Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX). The sampling shall indicate compliance with the primary drinking water standards before the well is placed into service.
- 4 of 6 The owners have stated their intention to extend the hatch to the water storage reservoir a minimum of 18" above ground level to comply with the ground level water storage reservoir requirements of Chapter 12. This is in lieu of the details as shown on the revised plans. Complete details of the as-built construction must be shown on the as-constructed plans submitted at the conclusion of the project. The as-constructed plans shall be signed by the engineer of record.
- 5 of 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD 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. All modifications or deviations from the authorized plans must be highlighted.
- 6 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John Corra
Director
Wyoming Department of Environmental Quality

9/5/03

Date of Issuance

LBH/mad/3-0959-ltr

cc: Laramie County Health Department, Environmental Section
100 Central Avenue
Cheyenne WY 82007

STATEMENT OF BASIS

- I. Permit Number: 03-236
- II. Application reviewed for compliance with the following regulations.
- A. Chapter 11. NO
- B. Chapter 12. YES
- III. Basis for issuing permit: Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- IV. Documentation of Statement of Basis.

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 Louis B. Harmon, Southeast District Engineering Supervisor, and completed on September 5, 2003. 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."



The State
of Wyoming



Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

Dave Freudenthal, Governor

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

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

7-2-03
Boat
WATER QUALITY
(307) 672-6457
Fax (307) 674-6050

NOTIFICATION OF COVERAGE

July 1, 2003

Rick Kraus-Health and Safety Director

BT, Inc

100 HWY 16

Moorcroft, WY 82721

RE: B T, Incorporated As-Built Septic System, Permit # 03-237

Dear Rick:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of small wastewater septic in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. Our review of the information and as-constructed plan submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built Permit To Construct is hereby issued. Please be advised that the system must be operated in accordance with the statements, representations and procedures presented in the application and all supporting documentation as well as the terms and conditions of the permit. You are urged to be familiar with all aspects of the permit application, permit and permit conditions.

If you have any questions please contact me at 1043 Coffeen Avenue, Suite D, Sheridan, WY, 82801, (307) 672-6457. Thank you.

Sincerely,

Rick J. Estes, P.E.

WDEQ/WQ NE District Senior Environmental Analyst

cc: IPS, Cheyenne



DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE OF WYOMING
UNDERGROUND INJECTION CONTROL PERMIT
AUTHORIZATION TO DISCHARGE INTO UNDERGROUND RECEIVERS
ISSUED UNDER CHAPTER 16, WATER QUALITY RULES AND REGULATIONS

(X) New
() Modified

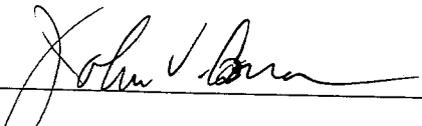
Permit Number: UIC 03-238
Subclass Number: 5B5

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 3 (1988), and Chapter 16 (1998),

Applicant: Dr. Shen Wang
Halliburton Company
P.O. Box 4574
Houston, TX 77210
(281) 575-4424

is authorized to operate the Halliburton Company Remediation Injection System (UIC Facility WYS 013-077) in the NE¼, Section 1, Township 1 North, Range 4 East, of the Wind River Principal Meridian; according to the procedures and conditions of application # 03-238 and other conditions of this permit as contained on pages 1 through 8.

This permit shall become effective on date of issuance.



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

8/5/03

Date

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A. DISCHARGE ZONE AND AREA OF REVIEW

1. Discharge Zone:

This injection well is authorized to inject into the alluvial aquifer along the Wind River and into the Wind River Formation which together are found at this location from 0 to 25 feet below the ground surface.

2. Area of Review:

The facility authorized by this permit is located in:

Township 1 North, Range 4 East, Wind River Principal Meridian
 Section 22: SE¼

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

Township 1 North, Range 4 East, Wind River Principal Meridian
 Section 22: SE¼

B. GROUNDWATER CLASSIFICATION

The groundwaters in the Alluvial Aquifer along Wind River and in the Wind River Formation are classified as Class I under Chapter 8 of Wyoming Water Quality Rules and Regulations (April 9, 1980). This classification was made because:

- a. The groundwater in this formation meets all of the quality standards set forth in Chapter 8 for class I water.

Groundwater of class I shall not be degraded so as to make it unusable as a source of water for this purpose.

C. AUTHORIZED OPERATIONS

1. Description of the Fluid to be Injected:

The permittee is authorized to inject 2,000 gallons of Hydrogen Peroxide (H_2O_2), 200 gallons of Ferrous Sulfate ($FeSO_4$), and makeup water from the Riverton Municipal Water System into the contaminated portion of the alluvium along Wind River and into the Wind River Formation for the purpose of chemically reducing hydrocarbons found in the soil and groundwater.

2. Hazardous Waste Not Allowed:

This permit does not allow for the injection of any hazardous waste as defined by Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations. 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 GROUND WATERS 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. At a minimum, the groundwater in the receiving formation shall be sampled for the following parameters at a minimum:

WELL NAME OR NUMBER	SAMPLING SCHEDULE	ANALYTICAL METHOD	PARAMETER ANALYZED	PERMIT LIMIT (UCL)*
MW-1, MW-3, MW-4, MW-5 and MW-7	Once after injection and Quarterly thereafter	EPA Method 8021B	Benzene	No Limit
			Ethyl-benzene	
			Toluene	
			Total Xylenes	
		EPA Method 8015	Total Petroleum Hydrocarbons - Diesel Range Organics	
			Total Petroleum Hydrocarbons - Gasoline Range Organics	
		EPA Method 150.1	pH	

*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. After four quarters, the Water Quality Division may modify the required sampling schedule, parameter list, or may waive all further sampling based on the results of the sampling to date.

E. REQUIREMENTS FOR MONITORING THE DISCHARGE

The permittee shall monitor the quality of the injectate fluid using the plan submitted in the application. The permittee shall record the exact type and amount of all chemicals injected, when they are injected, and the locations where the injection occurred.

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 ground waters 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 fluid 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, an underground injection 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 quarterly report of operations for this/these well(s) shall include the following information:
 - a. Any permit exceedances within the quarter.

- b. The analytical results for sampling for the injected water and any groundwater sampling results required under Sections D and E.
 - c. Quarterly reports are due in the Lander office of the Water Quality Division (Attention/ Mark Thiesse) no later than 30 days after the end of each calendar quarter.
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.

The permittee shall develop a comprehensive health and safety plan for this site. This plan shall include sections on the safe handling of Hydrogen Release Compound, during storage, mixing, or use in this process.

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. 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/3-0851.ltr

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: UIC 03-238

B. Facilities Covered: The Halliburton Company Riverton Aquifer Remediation System. Covers the injection of 2,000 gallons of Hydrogen Peroxide (H₂O₂) and 200 gallons of Ferrous Sulfate (FeSO₄)

Halliburton Company has applied for an individual class V permit to cover a system to inject Hydrogen Peroxide (H₂O₂) and Ferrous Sulfate (FeSO₄) into an aquifer contaminated with spilled hydrocarbons and for the purpose of chemically reducing the spilled hydrocarbons.

The permittee is authorized to inject at a pressure of no more than 60 psig as measured at the wellhead. The pressure of injection shall be continuously monitored and recorded on a chart recorder unless this pressure is atmospheric pressure or below.

C. Class of Facility: 5B5 (Under Chapter 16)

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

A. Chapter 8.	Yes	D. Chapter 12.	No
B. Chapter 9.	No	E. Chapter 13.	No
C. Chapter 11.	Yes	F. Chapter 16.	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 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 17, Chapter III. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

Applicable. This is an aquifer remediation system in a known contaminated site. A groundwater review has been completed in accordance with Section 17.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

- A. The applicant has been provided with a draft permit prior to the permit being issued.
- B. A Public Notice has been issued with a public notice period starting July 3, 2003 and ending on August 4, 2003 (30 day notice as required by Chapter 16.) This notice was published in the Riverton Ranger on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Robert F. Lucht, P.E. and P.G., UIC Program Supervisor, and completed on June 27, 2003. 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."

RFL/bv/3-0714.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-239R
SPECIAL CONDITIONS

Lincoln County - Trail Ridge Subdivision Water Storage Tank
New System- No PWS Number

This permit hereby authorizes the applicant:

David Spurlock, Owner
Trail Ridge Subdivision
P.O. Box 3051
Alpine, Wyoming 83128

to construct a 200,000 gallon concrete public water supply storage tank, to serve 63 residential lots according to the procedures and conditions of application number 03-239R. The facilities are located at SE 1/4 Section 10, T36N, R119W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 15, 2005.

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 (WQD), to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance, or non-compliance with any rules, regulations, standards, permits or orders.

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: Mark Baron, Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183, mbaron@state.wy.us.

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.

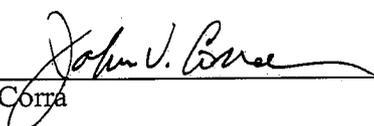
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. The permittee shall construct and operate the permitted facility in accordance with the statements, 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 Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; by letter, e-mail or telephone 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 Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; (307)332-3144; FAX (307)332-3183; mbaron@state.wy.us, in accordance with the provisions of Section 11, Chapter 3, 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 Southwest District, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John V. Corra
Director
Department of Environmental Quality

8-21-03

Date of Issuance

MDB/mdb
bb/3-0893.ltr

STATEMENT OF BASIS

I. General information.

Permit Number: 03-239R

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. No

B. Chapter 12. Yes

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

IV. Facilities not specifically covered by regulations.

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

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

Not Applicable

- V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3¹.

Not Applicable

- VI. If Section 17 of Chapter 3 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.

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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Mark Baron, Environmental Senior Analyst, and completed on August 15, 2003. 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.

MDB/bb/3-0893.ltr

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 14, 2003

Mr. Brett Vizina, Managing Member
T.F.S. II, LLC
1124 Dunn Avenue
Cheyenne, WY 82001

RE: Bison Crossing, 6th Filing, Application No. 03-240, Laramie County

Dear Mr. Vizina:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as water line extension to 28 rural residential lots, Sections 29 & 30 T13N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2006.

All service connections must have the appropriate type of backflow prevention device installed as required by Chapter 12, Section 14 of the Wyoming Water Quality Division Rules and Regulations.

Because of the rural nature of the subdivision and the fact that fire protection (fire hydrants) is not part of the project, the requirement of Chapter 12, Section 14 that valve spacing not exceed 800 ft in residential areas is waived.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 03-240 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/bv/3-0768.ltr

cc: IPS, Cheyenne
Jon L. Anderson, P.O. Box 595, Saratoga, WY 82331



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 16, 2003

Town of Wheatland
Attn: Joel Dingman, Mayor
600 9th
Wheatland, Wyoming 82201

RE: Wheatland Landfill Sewage Holding Tank,
Location: Lot 3, Section 30, T24N, R67W,

Application No. **03-241**
Platte County

Dear Mayor Dingman:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 15, 2005. Please reference Application Number **03-241** in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0777.ltr

cc: IPS, Cheyenne
Daniel B. Kennedy, K2 Engineering & Water Rights, P.O. Box 1059, Wheatland, WY 82201
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

September 29, 2003

Carl Christopherson
P. O. Box 504
Shoshoni, WY 82649

RE: California Street Water Line, Permit Number 03-242R
Fremont County PWS# WY5600053

Dear Mr. Christopherson:

The above application for coverage under General Permit to Construct a 2 inch water line in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section 0, of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Jeff Hermansky
Northwest District Engineering Supervisor
Water Quality Division

xc: IPS, Cheyenne
Town of Shoshoni, P. O. Box 267, Shoshoni, WY 82649

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-243R
SPECIAL CONDITIONS

Aspens Water and Sewer District - Fire Well Improvements

PWS #WY5600220

This permit hereby authorizes the applicant:

Aspens Water & Sewer District
P. O. Box 25201
Jackson, WY 83001

to modify the existing fire well to provide both fire protection and domestic water supply according to the procedures and conditions of application number 03-243R. The facility is located in SE1/4 Sec.11, T41N, R117W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 11, 2005.

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 (WQD), to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance, or non-compliance with any rules, regulations, standards, permits or orders.

The permittee shall notify representatives from the DEQ, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Jeff Hermansky, Northwest District Engineering Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183.

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.

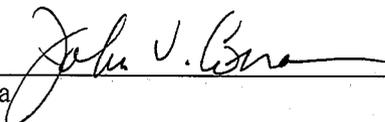
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 3 The applicant will provide immediate oral and/or written notice to Jeff Hermansky, Northwest District Engineering Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; (307)332-3144; FAX (307)332-3183; in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to Jeff Hermansky, Northwest District Engineering Supervisor, State of Wyoming, DEQ, Water Quality Division, 250 Lincoln Street, Lander, WY 82520; on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John V. Corra
Director
Department of Environmental Quality



Date of Issuance

JCH/jm
bb/3-0971.ltr

STATEMENT OF BASIS

I. General information.

Permit Number: 03-243R

II. Application reviewed for compliance with the following regulations.

A. Chapter 11. No

B. Chapter 12. Yes

III. Basis for issuing permit.

A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section 2.

Yes

B. Permit includes deviation from applicable regulations in accordance with Section 5, Chapter 11, or 12.

No

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

No

IV. Facilities not specifically covered by regulations.

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

N/A

B. Briefly state the basis for the deviation.

N/A

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

N/A

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3¹.

N/A

VI. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.

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

N/A

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

N/A

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

N/A

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

N/A

E. Discharge will result in groundwater concentrations in excess of standards but post discharge water quality can be returned to standards in accordance with Section 4 (d)(vi), Chapter 8. Briefly describe:

N/A

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

N/A

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

N/A

VII. Documentation of Statement of Basis.

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 3, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, Northwest District Engineering Supervisor, and completed on September 11, 2003. 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."

JCH/bb/3-0971.ltr

PERMIT TO CONSTRUCT

New
 Renewal
 Modified

PERMIT NO. 03-244
SPECIAL CONDITIONS

WEST GROS VENTRE BUTTE WATER DISTRICT WELL
PWS NO. WY5600976C

This permit hereby authorizes the applicant:

West Gros Ventre Butte Water District
PO Box 3584
Jackson, WY 83001

to construct and install a water supply well in the Madison Aquifer and a disinfection vault with associated improvements according to the procedures and conditions of the application numbers 03-244. The facility is located in the NE/4 of NW/4 of Section 30 T41N R116W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 31, 2004.

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, to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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: DEQ/WQD, Casper WDEQ Field Office, 3030 Energy Lane, Casper, WY 82604, telephone (307) 473-3452; FAX (307) 473-3458.

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 3 The applicant will provide immediate oral and/or written notice to the Northeast District Office in accordance with the provisions of Section 11, 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.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

10-13-03
Date of Issuance

JDL/mad/3-1055-ltr

Enclosures: Certificate of Completion and Statement of Basis

STATEMENT OF BASIS

I. General information.

A. Permit Number: 03-244

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

A. Chapter 11 Yes

B. Chapter 12 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~~ YES ~~not~~

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

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 17, Chapter III¹. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

N/A

VI. If Section 17 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

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

N/A

¹Sediment 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.

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 Dennis Lamb, NE District Water & Wastewater Supervisor, and completed on September 30, 2003. 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."

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

3030 Energy Lane
Casper, WY 82604
307-473-3465/307-473-3458 (fax)

PROJECT: West Gros Ventre Water District Water Well Project

ENGINEER: David Dufault, P.E. , Nelson Engineering, PO Box 1599, Jackson WY, 83001

APPLICANT: West Gros Ventre Butte Water District

WATER QUALITY DIVISION APPLICATION NUMBER: 03-244

REVIEWING ENGINEER: Dennis Lamb, 3030 Energy Lane, Suite 200, Casper, WY 82604

DATE OF REVIEW: August 14, 2003

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 12 (a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 7 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS:

1/) DEQ regulations require that all wells be protected from the 100 year flood or the largest flood of record, which ever is greater. Please provide this information. (Chapter 12, Section 9. Source Development. (b) Groundwater. (i) Number and Capacity (A) General Considerations. (I) Page 15)

2/) The application states that the well was disinfected as per AWWA A-100 but no TCB or Fe Bact results or chlorine residual tests or contact time were included in the package. (Chapter 12, Section 9. Source Development. (b) Groundwater. (i) Number and Capacity (A) General Considerations. (II) Page 15)

3/) Please provide information on the location standards relative to the well site if applicable. This includes sources of pollution , relation to buildings, and property lines. (Chapter 12, Section 9. Source Development. (b) Groundwater. (i) Number and Capacity (B) Relation to Sources of Pollution. Pages 15-16)

4/) Aquifer tests were performed but as noted in the application not at 1.5 times the design rate. The 24 hour test discharge (72 gpm) was at less than the design production rate (85 gpm). The application references that the specific capacity is considerably better than 72 gpm but no

specific capacity calculation are included. This is a fractured rock aquifer and a proper 24 hour constant rate test should be performed at approximately 130gpm to determine if the well can sustain the proposed design rate. The test should be plotted and the proper analytical calculation performed to determine the hydraulic characteristics of the aquifer. The aquifer test information/data in fractured /karst aquifers can vary greatly with changes in discharge rates over time and a proper aquifer test that stresses the aquifer is the only way to determine the hydraulics of the aquifer/well. (Chapter 12, Section 9. Source Development. (b) Groundwater. (ii) Testing and Records. (A)Yield and drawdown tests. Page 16)

5/) No plumbness or alignment information was provided as is required by (B) of the citation listed in 4. Please provide the information.

6/) General completion information about the well was not included in the application. This includes how the annular space was sealed below the surface casing, size of the borehole etc. The application states that the well features are shown on Drawing No 3 but no drawing was found in the application package. Please provide all applicable well construction information as required by Chapter 11 and Chapter 12 of the WWQR&R.

7/) Please provide drawings and the applicable information relating to the well head construction and plumbing as required by (Chapter 12, Section 9. Source Development. (b) Groundwater. (iii) Well Construction (D)Wells pumps, discharge piping and appurtenances. Pages 26-28)

8/)Please provide drawings showing how the chlorination equipment is to be installed. (Chapter 12, Section 10. Treatment. (k) Disinfection. (iv) Chlorinator Piping . Page 40)



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 27, 2003

David & Jan O'Dell
4410 Grays Gable Road
Laramie, Wyoming 82072

RE: O'Dell Family Cabin Septic System, Application No. **03-245**
Location: SW 1/4 NE 1/4, Section 10, T19N, R81W, Carbon County

Dear Mr. & Mrs. O'Dell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific condition also applies:

Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 30, 2005. Please reference Application Number **03-245** in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bv/3-0718.ltr

cc: IPS, Cheyenne
Carbon County Planner

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion



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Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

July 2, 2003

Tad Westbrook
1007 S. 3rd
Laramie, Wyoming 82070

RE: Westbrook Cabin Septic System,
Location: NW 1/4, Section 7, T17N, R77W,

Application No. **03-246**
Carbon County

Dear Mr. Westbrook:

The above application for coverage under General Permit to Construct, Install, Modify, or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Leachfield Size and Layout - An error was made on Page 5 when calculating the minimum leachfield size. An equivalent area of 17.7 square feet per unit was used for the Infiltrator Sidewinder unit when the correct value is 42 square feet per unit. Using the correct value to recalculate the leachfield size yields a minimum leachfield size of 24 units instead of 54 units (see corrected calculations on Page 5). Therefore, **a minimum of 24 Infiltrator Sidewinder chamber units shall be installed**. Additionally, only a two trench leachfield instead of a four trench leachfield is now needed. Two equal trenches of at least 12 units each (75 feet long) shall be installed with at least 5 feet of undisturbed soil between the trenches. See revised Detail Sheet included for specifics.
2. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.

Mr. Westbrook
July 2, 2003
Page 2

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 2, 2005. Please reference Application Number 03-246 in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/bb/3-0735.ltr

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Carbon County Planner



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

August 22, 2003

Sara Carroll, Executive Director
Jackson Hole Community Housing Trust
P. O. Box 4498
Jackson, WY 83001

ARCHIVES

RE: 270 E. Kelly Affordable Housing, Permit Number 03-247
Teton County

Dear Ms. Carroll:

The above application for coverage under General Permit to Construct a domestic water main and sanitary sewer main in accordance with Chapter 3, Section 7; Chapter 11, Part D; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section 0, of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,

Jeff Hermansky
Northwest District Engineering Supervisor
Water Quality Division

xc: IPS, Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

August 22, 2003

Sara Carroll, Executive Director
Jackson Hole Community Housing Trust
P. O. Box 4498
Jackson, WY 83001

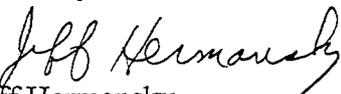
RE: 565 E. Kelly Affordable Housing, Permit Number 03-248
Teton County

Dear Ms. Carroll:

The above application for coverage under General Permit to Construct a domestic water main and sanitary sewer main in accordance with Chapter 3, Section 7; Chapter 11, Part D; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section 0, of the general permit.

If you have any questions, please contact me at 307-332-3144.

Sincerely,


Jeff Hermansky
Northwest District Engineering Supervisor
Water Quality Division

xc: IPS, Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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

ADMIN/OUTREACH (307)777-7758 FAX 777-3610	ABANDONED MINES (307)777-6145 FAX 777-6462	AIR QUALITY (307)777-7391 FAX 777-5616	INDUSTRIAL SITING (307)777-7369 FAX 777-6937	LAND QUALITY (307)777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307)777-7752 FAX 777-5973	WATER QUALITY (307)777-7781 FAX 777-5973
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NOTIFICATION OF COVERAGE

June 27, 2003

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne, WY 82003-1469

RE: South Park 1st Filing, Phase III, Application No. 03-249, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 1500 ft of sewer main, 1520 ft of 8" diameter water line and 2 fire hydrants, SW 1/4 Section 6 T13N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2006.

All service connections must have the appropriate type of backflow prevention device installed as required by Chapter 12, Section 14 of the Wyoming Water Quality Division Rules and Regulations.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 03-249 in any future correspondence.

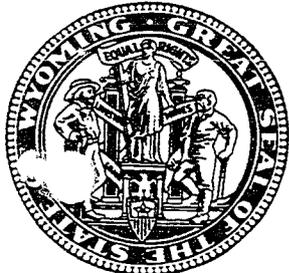
If you have any questions, please contact me at 307-777-7088.

Sincerely,

Louis B. Harmon PE-PG
Southeast District Engineer
Water Quality Division

LBH/bv/3-0715.ltr

cc: IPS, Cheyenne
Russ Dahlgren, Dahlgren and Associates
914 East 23rd Street
Cheyenne, WY 82001



The State
of Wyoming



Department of Environmental Quality

1043 Coffeen Avenue, Suite D • Sheridan, Wyoming 82801

Dave Freudenthal, Governor

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

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

8-2-03
Barb

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

NOTIFICATION OF COVERAGE

August 18, 2003

Mr. Michael J. FitzPatrick, PE
Jorgensen Associates, P.C.
PO Box 9550
Jackson, WY 83002-9550

RE: Resident Lodge of Jackson Water Distribution & Wastewater Collection, PWS# 5600213,
Permit # 03-250

Dear Michael:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a extension to the Town of Jackson Wastewater Collection and Water Distribution system in accordance with Chapter 3, 11 and 12 of the WWQRR has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this permit shall be completed by September 1, 2004.

Sincerely,

Rick J. Estes, P.E.
DEQ/WQD NE District Senior Environmental Analyst

cc: ~~IPS, Cheyenne~~
Shawn P. O'Malley, PE, Town Engineer, PO Box 514, Town of Jackson, WY 83205
Jeff Hermansky, PE, WDEQ/WQ NW District Engineer