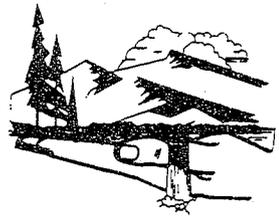




Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 29, 2006

Mr. John Volk,
Campstool Land Company
6670 Red Cloud Terrace
Cheyenne, WY 82009-2230

RE: Cheyenne Sleep Inn Water and Sewer Extensions, Application No.06-501,Laramie County

Dear Mr. Volk:

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 fire line, fire hydrant, 3" diameter water service and 6" diameter sewer service line, SE 1/4 Section 31 T14N R65W; 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 service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. All construction, installation, or modification allowed by this notification of coverage shall be completed by September 15, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-501 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

cc: IPS, Cheyenne

Roger Curtiss, Northern Engineering Services
200 South College Avenue, Suite 100
Fort Collins, CO 80524

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

LBH/rm/6-0794

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ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
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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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-502

As-Built Monitor Well MW-7 Installation
Anticline Disposal, LLC

This permit hereby authorizes the applicant:

Anticline Disposal, LLC
P.O. Box 273
Boulder, Wyoming 82923

to construct, install or modify a monitor well (MW-7) in accordance with the procedures and conditions of the application number 06-502. The facility is located in southwest quarter of Section 18, Township 31 North, Range 108 West in the county of Sublette, in the State of Wyoming. This permit shall be effective until June 1, 2010.

The issuance of this permit confirms that the Wyoming 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 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 DEQ of the water treatment process described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the land application is located 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 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.

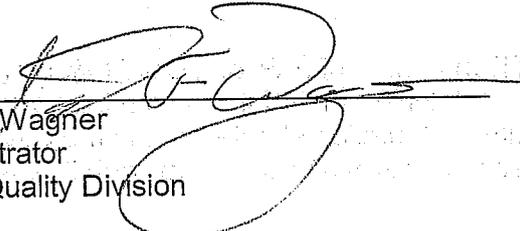
The permittee shall conduct permitted water treatment in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit

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.

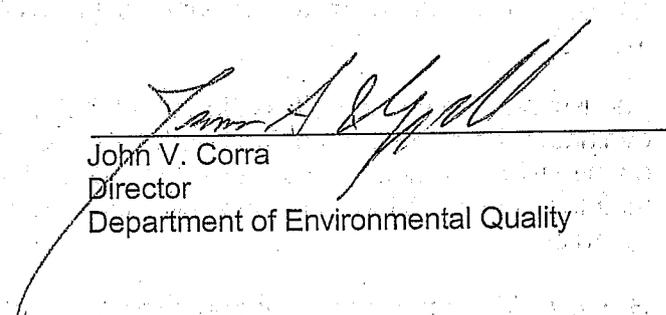
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM Program 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 The applicant shall include this well in all groundwater monitoring and reporting requirements specified in Permits To Construct #01-132 and #03-157.
- 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

3/2/07

Date of Issuance

KJM/rm/7-0171

cc: WDEQ Casper Field Office
Steve Barber, HKM Engineering, 906 Main Street, P.O. Box 1655, Lander, WY 82520

STATEMENT OF BASIS

1. Permit Number: 06-502
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?
 - a. Yes
4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.

Monitor well construction to monitor potential groundwater impacts. This well is located upgradient from the facility.

5. Documentation of Statement of Basis.

The archive 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 Kim Medina, CBM Program, and completed on February 20, 2007. 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

Dave Freudenthal, Governor

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601



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

NOTIFICATION OF COVERAGE

August 8, 2006

Galen Bortz
605 East 7th Street
Gillette, WY 82716

RE: Bortz Residential Septic System
Permit # 06-503

Dear Mr. Bortz:

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 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.

Additionally, the following project specific conditions also apply:

- A. 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.
- B. 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.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,



Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729
Rob Anderson, Anderson Trucking, 15 Ridge Road, Moorcroft, WY 82721



The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

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Fax: (307) 473-3458

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

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

NOTIFICATION OF COVERAGE

August 8, 2006

Boyd Brown
Campbell County School District
1000 West 8th Street
P.O. Box 3033
Gillette, WY 82717

RE: Recluse School Septic System, Permit # 06-504

Dear Mr. Brown:

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 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 Kim Medina at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3476. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
DEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Steve Bruce, Bruce Engineering, Inc., 118 South Gillette Avenue, Gillette, WY 82716
Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

NOTIFICATION OF COVERAGE

October 13, 2006

Jon Bartow
Medallion Exploration
501 South Douglas Highway, Site A
PMB 534
Gillette, WY 82718

RE: Medallion Exploration Commercial Septic System, Lot 1, Hannum Road Industrial Park
Permit # 06-505

Dear Mr. Bartow:

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 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.

Additionally, the following project specific conditions also apply:

- A. Imported Material – The imported clayey material is to be mixed with native soil at 50%.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD





Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Bret H. Wolz, P.E., Falcon Consulting Services, LLC, P.O. Box 3943, Gillette, WY 82717-3943
Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 3, 2006

Mayor Jim McKinney,
Town of Encampment
P.O. Box 5
Encampment, WY 82325

RE: Encampment Emerson Street Water Line Extension, Application No.06-506, Carbon County

Dear Mayor McKinney:

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 300 ft 6" diameter water line extension, Section 1 T14N R84W; Carbon 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. The fire hydrant at the end of the new line may only have one 2 1/2" diameter hose nozzle and no other nozzles. This restriction is necessary to maintain minimum pressures of 20 psi or better in the distribution system during use of the fire hydrant. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2009.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-506 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

cc: IPS, Cheyenne

Jon L. Anderson,
P.O. Box 595
Saratoga WY 82331

LBH/rm/6-0909

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FAX 777-3610

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FAX 777-6462

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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
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FAX 777-5973





Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 28, 2006

Ross Jorgensen, Manager
Washakie Rural Improvement & Service District
P.O. Box 212
Worland, WY 82401

RE: Washakie Rural Water Supply Project - Phase 5, Permit Number: 06-508, T47N & T48N, R92W, Washakie County

Dear Mr. Jorgensen:

The notice of coverage dated August 25, 2006 erroneously referred to Phase 4, rather than Phase 5. Thus, this notice of coverage letter supersedes the letter dated August 25, 2006. The above application for coverage under General Permit to construct about 16.5 miles of 2-inch through 8-inch water line, flush hydrants, and air release/vacuum relief vaults has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations 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 307-335-6961.

Sincerely,

James Brough, P.E.
Environmental Engineer
Water Quality Division

xc: ✓IPS, Cheyenne
Robert Overfield, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414

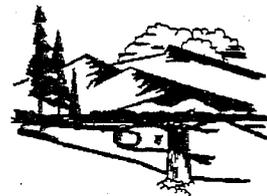
encl: General Permit For a Public Water Distribution System





Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 5, 2006

Jay D'Ewart
P.O. Box 1574
Rock Springs, WY 82901

RE: Sweetwater County - White Mountain County Estates Subdivision Phase 5 & 6 - Water and Sewer Main Extensions - Permit Number 06-507, SE 1/4 Section 5, T19N, R105W, Sweetwater County, PWS # WY5601391

Dear Mr. D'Ewart:

The above application for coverage under General Permits to Construct a water and sewer main extensions consisting of 850 linear feet (LF) of 8-inch PVC water main and 1600 LF of 8-inch PVC sewer main to serve 11 lots (5 lots in Phase 5 and 6 lots in Phase 6) 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 has been reviewed and is hereby approved. You are authorized to construct the facilities 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.
Southwest District Engineer
Water Quality Division

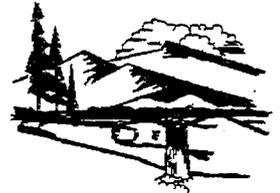
xc: ✓ IPS, Cheyenne

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 25, 2006

Ross Jorgensen, Manager
Washakie Rural Improvement & Service District
P.O. Box 212
Worland, WY 82401

RE: Washakie Rural Water Supply Project - Phase 4, Permit Number: 06-508, T47N & T48N, R92W, Washakie County

Dear Mr. Jorgensen:

The above application for coverage under General Permit to construct about 16.5 miles of 2-inch through 8-inch water line, flush hydrants, and air release/vacuum relief vaults has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations 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 307-335-6961.

Sincerely,

James Brough, P.E.
Environmental Engineer
Water Quality Division

xc: IPS, Cheyenne
Robert Overfield, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414

encl: General Permit For a Public Water Distribution System

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ABANDONED MINES
(307) 332-5085
FAX 332-7726

AIR QUALITY
(307) 332-6755
FAX 332-7726

LAND QUALITY
(307) 332-3047
FAX 332-7726

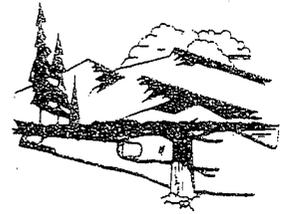
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-3183





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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

July 27, 2006

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

RE: Cheyenne Retirement Center, Application No.06-509, 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 described as 600 feet of 8" diameter water main 140 feet of 6" diameter water line, NE 1/4 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 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, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-509 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/rm/6-0672

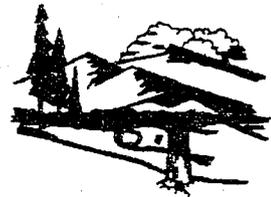
cc: IPS, Cheyenne

Bruce H. Perryman, AVI PC
2035 Westland Road
Cheyenne WY 82001





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 19, 2007

Wal-Mart Stores, Inc.
Attn. Shannon Letts, Regional V.P., Real Estate
2001 SE 10th St. Dept. 8702
Bentonville, Arkansas 72716-0550

RE: Wal-Mart Supercenter #4471, Rawlins, Wyoming, Application No. 06-510

Dear Wal-Mart Executives:

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. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

The approval granted under this Notification Of Coverage and the General Permit shall expire on March 19, 2009. Please reference Application Number 06-510 in any future correspondence.

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

Sincerely,

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

RLE/rm/7-0220

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
Dave Guetig, Galloway Romero & Associates, 5350 DTC PKWY, Greenwood Village, Colorado 80111
Duane Stolns, Rawlins Public Works Director, P.O. Box 953, Rawlins, WY 82301

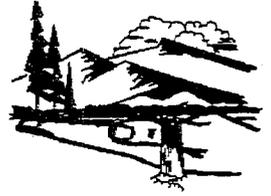
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|--|---|---|---|--|--|---|
| ADMIN/OUTREACH (307) 777-7937 FAX 777-3610 | ABANDONED MINES (307) 777-6145 FAX 777-6462 | AIR QUALITY (307) 777-7391 FAX 777-5616 | INDUSTRIAL SITING (307) 777-7369 FAX 777-5973 | LAND QUALITY (307) 777-7756 FAX 777-5864 | SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973 | WATER QUALITY (307) 777-7781 FAX 777-5973 |
|--|---|---|---|--|--|---|





Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

July 31, 2006

Mick Wolfe, Mayor
City of Lander
240 Lincoln Street
Lander, WY 82520

RE: Mt. Hope Drive Water Main Extension, Permit Number: 06-511, NW ¼, Section 20, T33N, R99W, Fremont County

Dear Mayor Wolfe:

The above application for coverage under General Permit to install 64 linear feet of 6-inch diameter PVC water line, including a fire hydrant, for residential use and fire suppression has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved with the following stipulation:

Per Chapter 12, Section (14)(l), the appropriate backflow prevention assembly must be installed to prevent the backflow of unsafe or contaminated water back into the public water system. Residential water service connections are typically considered to be low hazard back-siphonage connections where a dual check valve is adequate.

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 James Brough at 307-332-3144.

Sincerely,

James Brough, P.E.
Environmental Engineer
Water Quality Division

xc: IPS, Cheyenne
James C. Gores, P.E., 450 South Federal Blvd., Suite C, Riverton, WY 82501
Mickey Simmons, City of Lander, 240 Lincoln, Lander, WY 82520

encl: General Permit For a Public Water Supply System

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ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755
FAX 332-7726

LAND QUALITY
(307) 332-3047
FAX 332-7726

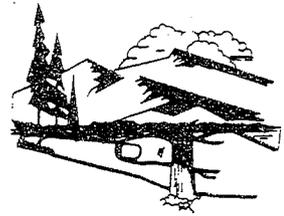
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

WATER QUALITY
(307) 332-3144
FAX 332-3183





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 1, 2006

Dale Clark
Etna Water and Sewer District
PO Box 5031
Etna, Wyoming 83118

RE: Waterline Extension Clear View Village Subdivision Town of Etna
Application No. **06-512**

Dear Mr. Clark:

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, and the general permit. 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 September 1, 2008. Please reference Application Number 06-512 in any future correspondence.

If you have any comments or concerns, please contact me at (307) 777-6371.

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0818

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

cc: IPS, Cheyenne
Clarence Kemp, Forsgren Associates, 849 Front Street, Evanston, Wyoming 82930

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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



PERMIT TO CONSTRUCT

New
Ownership Transfer
Modified

PERMIT NO. 06-513
SPECIAL CONDITIONS
Previous Permit #s. 02-256 & 99-403R

Aspen Meadows Subdivision Filing No. 2 No PWS # Assigned

This permit hereby authorizes the applicant:

Kathleen A. McDonnell, Trustee
815 Jackson Ave.
River Forest, IL 60305

to construct public water supply systems consisting of an existing well, a 16,000 gallon storage tank, and approximately 5,682 feet of 4-inch water main and appurtenances, according to the procedures and conditions of application number 06-513. The facilities are located in NE 1/4 Section 22 & NW 1/4 Section 23, T42N, R108W in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 7, 2007.

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: James Brough, Northwest District, State of Wyoming, DEQ, Water Quality Division, 510 Meadowview Drive, Lander, Wyoming 82520; (307) 332-3144; FAX (307) 332-3183, jbroug@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

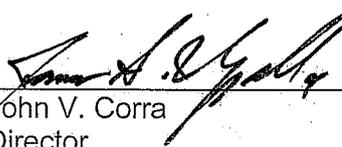
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any pro. of federal, state or local laws.

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 6 The applicant will notify the Northwest 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 6 The applicant will provide immediate oral and/or written notice to the Northwest 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 6 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest 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 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 6 Prior to obtaining a public water system number for this system from the United States Environmental Protection Agency, or placing this system into operation, the applicant shall have certified chief and backup operators in place to operate the system.
- 6 of 6 If ownership of this public water system is transferred to another party (e.g., an individual, a water control committee, a homeowners' association or a water district), this Permit to Construct shall also be transferred to the party assuming ownership of the water system. At such time, the party assuming ownership will be required to submit a capacity development assessment to the Department of Environmental Quality, Water Quality Division. In addition to assessing the technical, financial and managerial capabilities of their operations, they must also show expenses, revenues, debt service, any capital improvements, etc. associated with the operation of the system.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

September 5, 2006

Date of Issuance

SRM 9/5/06
JSB/rm/6-0819

cc: County of Fremont; Planning and Rural Addressing; 450 No. 2nd St.; Lander, WY 82520

STATEMENT OF BASIS

I. General information.

Permit Number: 06-513

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

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

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.)

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 James Brough, Environmental Engineer, and completed on September 1, 2006. 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."

IPS



The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

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

NOTIFICATION OF COVERAGE

August 10, 2006

Bob Hockert
3212 Fitzpatrick Drive
Gillette, WY 82718

RE: Hockert Residential Septic System
Permit # 06-514

Dear Mr. Hockert:

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 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.

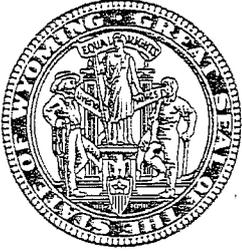
If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, at (307) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729



The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

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

NOTIFICATION OF COVERAGE

August 8, 2006

Richard Purdes
729 Lytle Creek Road
Hulett, WY 82720

RE: Purdes Residential Septic System
Permit # 06-515

Dear Mr. Purdes:

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 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.

Additionally, the following project specific conditions also apply:

- A. Septic Tank Partitioning Baffle - A partitioning baffle must be installed as per the manufacturer's recommendation.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729
Ted Avoboda, Svoboda Backhoe and Dozer Service, 215 Holmes Road, Hulett, WY 82720

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-516

Dubois Wastewater Treatment Facility Improvement Project

This permit hereby authorizes the applicant:

Bob Baker, Mayor
Town of Dubois
P.O. Box 555
Dubois, WY 82513

To install new headworks with mechanical screen and bypass, a new lift station, upgrade the two existing basins with additional aeration and baffles to create three cells in each, chlorination facilities with contact chamber and dechlorination facilities, and install three groundwater monitoring wells according to the procedures and conditions of the application number 06-516. The facility is located within the SE and SW ¼ Section 7, Township 41 North, Range 106 West in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 28, 2009.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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, or 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 5 Three groundwater monitoring wells must be located around the wastewater lagoon system in the locations shown on plan sheet C-2. Two of the monitoring wells need to be located downstream of the treatment cells and the other monitoring well is located upstream of the wastewater facility. After construction, the wells must be properly developed prior to sampling.

2 of 5 ***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.
- d. Within thirty (30) days of completion of the monitor well installation authorized by this permit, the initial sampling, and the receipt of the analytical data, the Applicant shall submit to DEQ/WQD the analytical results along with a potentiometric surface map for the sample date. Include top of casing elevations.
- e. The following parameters shall be tested from the monitoring wells: (1) Nitrate + Nitrite as N, (2) Ammonia as N, and (3) Static water level elevation. Sampling shall be on a quarterly basis for the first year. Minimum sampling frequency thereafter shall be yearly. It is recommended that a consistent time of year is selected for annually sampling (e.g. first week of April).

3 of 5 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadow View Drive, 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.

4 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

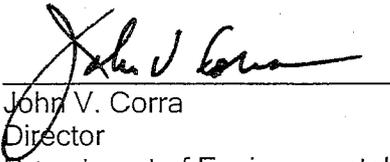
- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications.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

5 of 5 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

10/2/06
Date of Issuance

JCH/rm/6-0901

STATEMENT OF BASIS

1. Permit Number: 06-516
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Required
A synthetic liner meeting the standard of installing a liner equivalent to three feet of soil have a permeability of 10^{-7} cm/second or less has been selected for this project. In addition, groundwater protection will be verified by monitor wells and a sampling program.
6. Documentation of Statement of Basis: The archives file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Jeff Hermansky, jherma@state.wy.us, Environmental Engineer and completed on September 15, 2006. 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."

xc: Robert R. Norton, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Kevin Frank, P.E., DEQ/WQD Casper

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-517

Northwest Community College Mickelson Field Camp Water System Upgrade
PWS #5601573

This permit hereby authorizes the applicant:

Kim Mills, Vice President
Northwest College
231 West 6th Street.
Powell, WY 82435

to install approximately 3,400 linear feet of 2-inch HPDE waterline, a 4,000-gallon fiberglass tank and a telemetry system, according to the procedures and conditions of the application number 06-517. The facility is located within Section 27, Township 55 North, Range 104 West in the county of Park, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 28, 2008.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

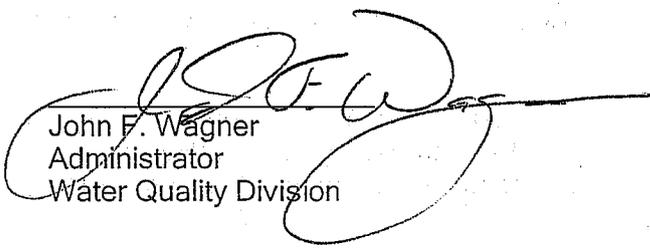
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

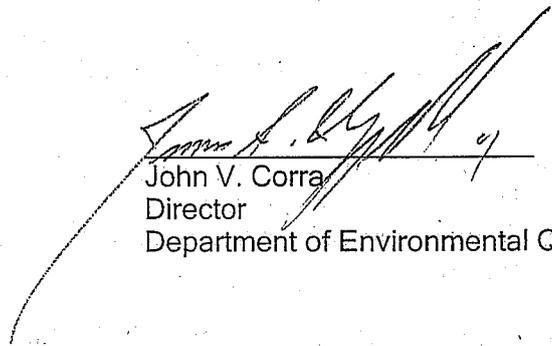
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 Per chapter 12, section 13, (viii), the fiberglass, storage tank must be equipped with an air vent.
- 2 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, 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.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. 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:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

August 29, 2006
Date of Issuance
JSB/rm/6-0790
JSC 8/28/6

STATEMENT OF BASIS

1. Permit Number: 06-517
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required
5. Documentation of Statement of Basis: The archives file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on August 28, 2006. 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."

Cc: Travis Conklin, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-518

Wastewater Pump Station Modification

This permit hereby authorizes the applicant:

Harry E. Hughes, District Engineer
South Thermopolis Water & Sewer District
P.O. Box 204
Thermopolis, WY 82443

to install a magnetic flow meter on a pump station discharge line in a new manhole vault and replace obsolete pump control panel and motor starters with a new panel; according to the procedures and conditions of the application number 06-518. The facility is located within Section 11, Township 42 North and Range 95 West in the county of Hot Springs, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 5, 2008.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

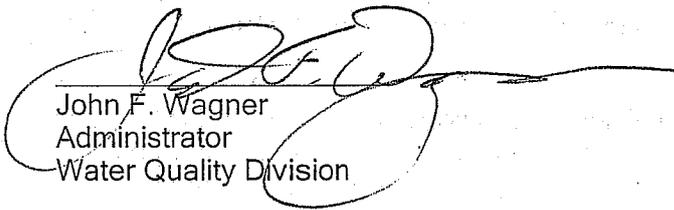
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

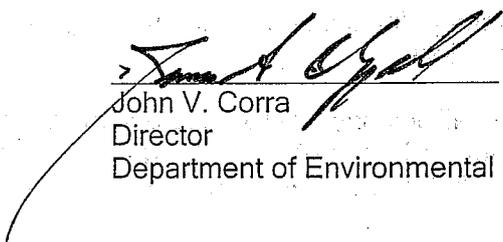
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 Per a phone conversation with your consultant, Roger Jacobson with Engineering Associates, WDEQ understands that the new manhole with the meter will be insulated in closed cell foam and/or heat tape will be used to prevent potential freezing. WDEQ also understands that the interior joints within the manhole will be flanged and that the exterior joints will have thrust blocks to prevent movement of the forced main.
- 2 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, 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.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. 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:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

September 5, 2006

Date of Issuance

JSB/rm/6-0820

JFK 9/5/6

STATEMENT OF BASIS

1. Permit Number: 06-518
2. Application reviewed for compliance with the following regulations:
Chapters 3, and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archives file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on September 5, 2006. 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."

Xc: Roger Jacobson, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414

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Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 5, 2006

Russell Wenke, Administrator
Park County Fire District #2
1002 Sheridan Ave.
Cody, WY 82414

RE: Park County Fire District #2's Small Wastewater Treatment Facility, Permit Number: 06-519, Section 18, T52N, R104W, Park County

Dear Mr. Wenke:

The above application for coverage under General Permit to construct a gravity flow septic tank and leachbed has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations 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 James Brough at 307-332-3144.

Sincerely,

James Brough, P.E.
Environmental Engineer
Water Quality Division

xc: Frances Page, P.E., 75 Casper Dr., Cody WY 82414
Robert Jackson, P.G., Park County Planning, 1002 Sheridan Ave., Cody WY 82414
✓ IPS, Cheyenne

encl: General Permit For a Small Wastewater Facility



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
ROAD APPLICATION PERMIT

PERMIT NO. 06-520

Lysite Area Road Application

This permit hereby authorizes the applicant:

David Pendleton, Superintendent
Fremont County Road and Bridge Department
450 N. 2nd Street
Lander, WY 82520

to road apply for dust control or use as road base compaction water the Madden Deep Unit produced water from various natural gas wells according to the procedures and conditions of application number 06-520. The road application and compaction sites are located in various sections, townships, and ranges in the Lysite area in the county of Fremont, in the State of Wyoming. This permit shall be effective until August 3, 2011.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

The permittee shall allow authorized representatives from the DEQ, Water Quality Division, 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.

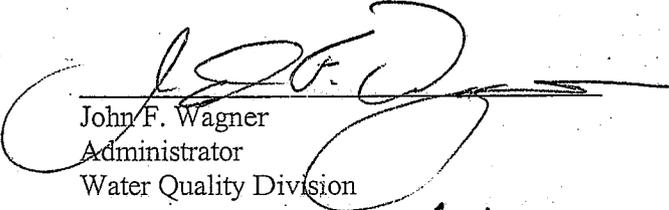
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

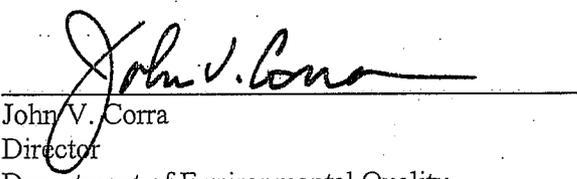
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 Section 9, Chapter III, Wyoming Water Quality Rules and Regulations requires notification of DEQ for any changes or modifications to the approved permit package. The permittee shall provide immediate verbal or written notice to the Northwest District Engineer, Wyoming DEQ/WQD, 510 Meadowview Drive, Lander, WY 82520, phone 307-332-3144.
- 2 of 7 The permittee shall provide certification that the produced water was utilized in accordance with the terms and conditions of the permit. The certification shall be records that indicated:
- a. Dates, locations, and quantities of the road application or compaction water utilized; and
 - b. The total produced water application rate for any segment of roadway shall not exceed 4-inches per year; and
 - c. Certification the applications were done in accordance with the terms and conditions of the permit; or
 - d. Certification the applications were completed with changes or modifications. The permittee must retain permanent written or digital records with the information necessary to clearly indicate the applications as actually performed. This information shall include a contour map depicting only those sections of road that actually received the produced water. All records shall be made available to the DEQ/WQD district engineer or his representative upon request.
- 3 of 7 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 4 of 7 The produced water shall be applied uniformly onto the road bed or compaction site. Applications shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Applications shall not be applied during the period from November 1 to April 10.
- 5 of 7 The application site slope shall not exceed eight percent (8%).
- 6 of 7 The produced water applications shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 7 of 7 Only the roads designated in this permit are authorized for application of the produced water. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8/8/06
Date of Issuance

JCH/rm/6-0711 ~~RE 8/7/6~~

Xc: Bureau of Land Management; P.O. Box 589, Lander, WY 82520

STATEMENT OF BASIS

1. Permit Number: 06-520
2. Application reviewed for compliance with the following applicable regulations :
Chapter 11 of the Wyoming Water Quality Rules and Regulations
3. Basis for issuing permit.
The permit is based on deviation from applicable regulations in accordance with approved policy statement.
4. Facilities not specifically covered by regulations.
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
There are no numeric standards or criteria in Chapter XI for road application. W.S. 35-11-301 (a)(iii) requires a permit to be issued when any disposal system capable of causing or contributing to pollution is constructed, installed, modified, or operated.
 - b. Briefly state the basis for the deviation.
Road application is permitted when DEQ authorized, a beneficial use of the waste to be applied is possible, and significant impact to waters of the State is minimized.
 - c. Permit based on general or statewide deviation contained in approved policy statement.
District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the equipment wash water onto the roadbed in amounts sufficient for dust control. Repeated applications on the same sections of road will be monitored by roadbed analyses.
6. 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, jherma@state.wy.us, Wyoming DEQ/WQD, Northwest District Engineering Supervisor and completed on August 7, 2006. 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."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

April 26, 2007

Randy Cleveland
42 Mayoworth Road
Kaycee, Wyoming 82639

RE: Inactive Permit Application Being Returned: Number 06-521
KC RV Park - Commercial Septic System: Section 1, T43N, R82W, Johnson County

Dear Mr. Cleveland:

Your application, number 06-521 for a commercial on-site septic system, is considered inactive. It has been over 8 months since the Wyoming Department of Environmental Quality / Water Quality Division (WQD) sent out review comments dated August 4, 2006 with the Action: **Not Authorized For Construction**. These review comments indicated that this application could not be processed as a "Small Wastewater Facility" application because the proposed facility was not a small wastewater facility by definition under the regulations. Rather, the proposed facility must apply for a permit as a "UIC - 5E3, Large Capacity Septic System". Since the WQD has not received any written response to these concerns within the required maximum 6 month response period, this application is being returned under the assumption that the applicant does not wish to proceed with the permit to construct permitting process at this time.

This project has not been permitted. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed \$10,000 per day of violation. If this project has already been constructed, it is your responsibility to immediately contact this office for further information and instructions. If you wish to reconsider construction of this facility, then application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations must be followed.

Sincerely,

Ronald L. Ewald
Consulting Engineer
SE District, Water Quality Division

RLE/bb/7-0339.LTR

Enclosures: Application package
Copy of review comments dated August 4, 2006

cc: IPS
Lewis James, CEPI, 6080 Enterprise Drive, Casper, Wyoming, 82639





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 14, 2006

Steve Chichinsky
PO Box 3827
Jackson, Wyoming 83001

RE: Buffalo Sage Town Homes Water and Sewer Improvements
Application No. 06-522

Dear Mr. Chichinsky:

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, 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. The approval granted under this Notification Of Coverage and the General Permit shall expire on September 1, 2008. Please reference Application Number 06-522 in any future correspondence.

If you have any questions, please contact me at (307) 777-6371.

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0859

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
Ryan Erickson, Sunrise Engr., PO Box 609, Afton, Wyoming 83110

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-524

REFERENCE PERMIT NO. 01-152

Glenrock Test Well No. 7
PWS: WY5600199

This permit hereby authorizes the applicant:

Wyoming Water Development Commission
6920 Yellowtail Road
Cheyenne, WY, 82002

to construct, install or modify a test well designed to be converted to a production well off setting Glenrock Well No. 5 according to the procedures and conditions of the application number 06-524. The facility is located in SE 1/4 SE 1/4 Section 9 T32N R76W in the county of Converse, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 10, 2009.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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.

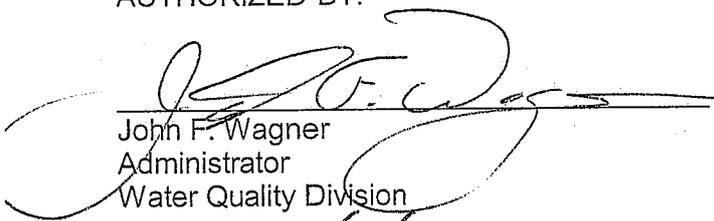
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

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:

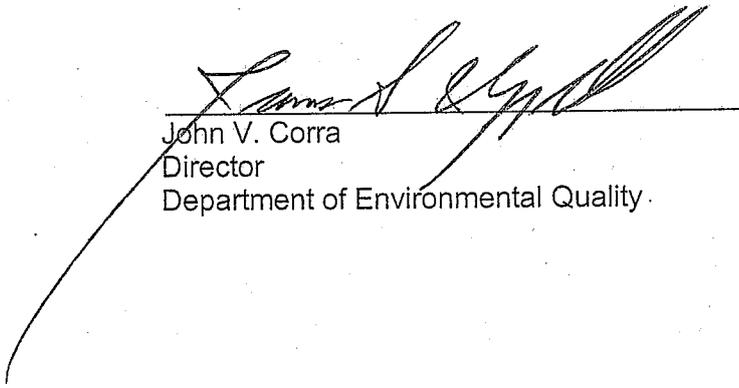
- 1 of 4 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 This permit is for construction of the test well only. Before the well can be connected to the Town of Glenrock system two permitting actions must occur:
 - a: The ownership of the well must be transferred to the Town of Glenrock, utilizing the Permit Transfer Request.
 - b: A Permit to Construct must be obtained by the Town of Glenrock for the pump, all associated piping, and all above ground appurtenances.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. 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:


John F. Wagner
Administrator
Water Quality Division

10/4/06
Date of Issuance

ORCA 10/3/06
LBH/rm/6-0907
cc: Town of Glenrock
George Langstaff, SEO


John V. Corra
Director
Department of Environmental Quality

STATEMENT OF BASIS

1. Permit Number: 06-524
2. Application reviewed for compliance with the following applicable regulations :

Chapter(s) 12 of the Wyoming Water Quality Rules and Regulations

3. Does the permit comply with all applicable regulations identified above?

NO

The permit approval is based up on a deviation from applicable regulations in accordance with Section 5. of Chapter 12.

4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.

- a. The permit includes approval to deviate from the following regulatory requirements:

Chapter 12, Section 9(b) does not allow a single well to produce from multiple water bearing zones.

- b. Briefly state the basis for the deviation.

Glenrock Well No. 5 is completed across the Madison and Casper formations which are sometimes referred to as the Paleozoic aquifer and is approximately 100 ft from Glenrock Test Well No. 7. Consequently, there is no strong practical basis to require Well No. 7 to be completed properly. Water quality test data clearly indicates that the Madison and Casper formations function as separate aquifers in the immediate vicinity.

5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

Public water supplies are exempted from review by Chapter 3, Section 17.

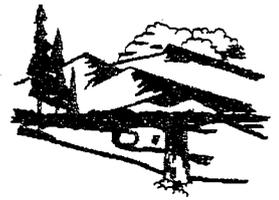
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon PE-PG, Southeast District Engineer, lharmo@state.wy.us, and completed on October 3, 2006. 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."



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 4, 2006

Mr. Robert Allison
585 South Guernsey Road,
P.O. Box 795
Guernsey WY 82214

RE: Septic Tank and Leachfield Application No 06-525.
Location: County Platte

Dear Mr. Allison:

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 August 11, 2008. Please reference Application Number 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/rm/6-0710

cc: IPS, Cheyenne
Platte County Planner, Platte County Court House, Wheatland, WY 82201

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH
(307) 777-7758
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FAX 777-6462

AIR QUALITY
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FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

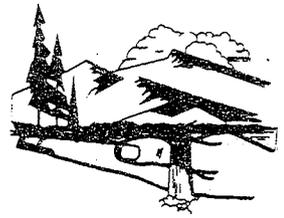
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FAX 777-5973

WATER QUALITY
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FAX 777-5973





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 13, 2006

Ron & Amanda Barthel
P.O. Box 38
Hartville, Wyoming 82215

RE: Barthel Residence Wastewater System,
Location: E½ E½, Section 3, T27N, R66W,

Application No. **06-526**
Platte County

Dear Mr. & Mrs. Barthel:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3 bedroom** house 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 September 13, 2008. Please reference Application Number **06-526** in any future correspondence.

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

Sincerely,

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

RLE/rm/6-0848

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

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

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

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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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO.06-527

Saratoga Exploration Well No. 2
PWS: WY5600061

This permit hereby authorizes the applicant:

Wyoming Water Development Commission
6920 Yellowtail Road
Cheyenne, WY, 82002

to construct, install or modify a project consisting of drilling, constructing, developing and testing an exploration well for potential inclusion in the Saratoga public water supply system according to the procedures and conditions of the application number **06-527**. The facility is located in NW 1/4 NE 1/4 Section 9 T17N R83W in the county of Carbon, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 15, 2008.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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.

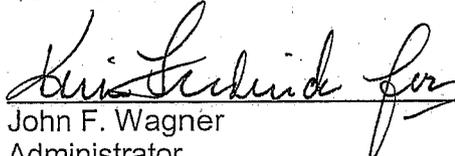
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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:

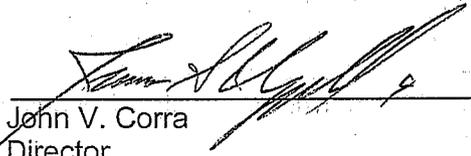
- 1 of 3 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations 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 the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. 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

August 29, 2006

Date of Issuance

LBH/rm/6-0783
cc: Bern Hinckley, P.O. Box 452, Laramie WY 82073

STATEMENT OF BASIS

1. Permit Number: 06-527
2. Application reviewed for compliance with the following applicable regulations :
Chapter(s) 3, 11, & 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon PE-PG, Southeast District Engineer, lharmo@state.wy.us, and completed on August 25, 2006. 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-528

Saratoga Exploration Well No. 1
PWS: WY5600061

This permit hereby authorizes the applicant:

Wyoming Water Development Commission
6920 Yellowtail Road
Cheyenne, WY, 82002

to construct, install or modify a project consisting of drilling, constructing, developing and testing an exploration well for potential inclusion in the Saratoga public water supply system according to the procedures and conditions of the application number 06-528. The facility is located in NE 1/4 NE 1/4 Section 9 T17N R83W in the county of Carbon, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 15, 2008.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

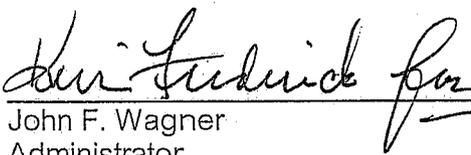
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 3 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, 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 the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. 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

August 29, 2006
Date of Issuance

LBH/rm/6-0784
cc: Bern Hinckley, P.O. Box 452, Laramie WY 82073

STATEMENT OF BASIS

1. Permit Number: 06-528
2. Application reviewed for compliance with the following applicable regulations :
Chapter(s) 3, 11, & 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon PE-PG, Southeast District Engineer, lharmo@state.wy.us, and completed on August 25, 2006. 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

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

NOTIFICATION OF COVERAGE

August 16, 2006

Kevin McAulay
7375 Rocking R Road
Casper, WY 82604

RE: McAulay Residential Septic System
Permit # 06-529

Dear Mr. McAulay:

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 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.

Additionally, the following project specific conditions also apply:

- A. 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.
- B. 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.



If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,



Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729
Rob Anderson, Anderson Trucking, 15 Ridge Road, Moorcroft, WY 82721



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

September 10, 2007

Tom Stanley
2817 Kluver Road, HCR 81
Gillette, Wyoming 82716

RE: Return of Kluver Field Land Application Project
Permit #06-530

Dear Mr. Stanley:

The above referenced WDEQ application for a *Permit to Construct* a land application project in Sheridan County is being returned to you. The Wyoming Department of Environmental Quality (WDEQ) Water Quality Division (WQD) conducted a review of the permit application on August 10, 2006, requesting additional information. As stated in the review, "if the applicant fails to provide the requested information within six months, the incomplete application shall be returned."

As of the date of this letter, the requested information has not been submitted. If in the future, you wish to further pursue the permit, a new and complete application will need to be submitted.

If you have any questions please contact me at kmedin@state.wy.us, or at (307)-473-3465.

Sincerely,

Kim J. Medina
WDEQ/WQD Senior Environmental Analyst

Enclosures: Chapter 3 permit application

cc: Phil Turner, Western Land Services, 54 Seymour Street, Sheridan, Wyoming 82801 (no enclosures)





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

152 N. Durbin Street • Suite 100 • Casper, Wyoming 82601

NOTIFICATION OF COVERAGE

August 16, 2006

Samantha Austin
13 Brush Hollow Drive
P.O. Box 413
Hulett, WY 82720

RE: Austin Residential Septic System
Permit # 06-531

Dear Ms. Austin:

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 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 me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

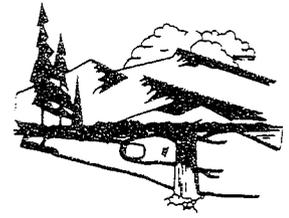
cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729

F:\DIVISION\WQD\Water and Wastewater\Permits\GPERMIT 06-531 sep.LTR.doc





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 21, 2006

Jerry D. McMorris
P.O. Box 217
Timnath, CO 80547

RE: McGraw Cabin Septic System,
Location: NW¼, Section 6, T22N, R78W,

Application No. **06-532**
Carbon County

Dear Mr. Mr. McMorris:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **2 bedroom** cabin 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 septic tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 20, 2008. Please reference Application Number **06-532** in any future correspondence.

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

Sincerely,

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

RLE/rm/6-0866

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Robert Cline, Project Manager, 4727 Haystack Drive, Windsor, CO 80550
Randy Nicholson, Nicholson Building Co. & Excavation, LLC, 200 Immigrant TR.,
Windsor, CO 80550
Carbon County Planning Director, Jim Holycross, 215 W. Buffalo Street, #304,
P.O. Box 487, Rawlins, Wyoming 82301

Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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





Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 17, 2006

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

RE: WYDOT Hanger Water and Sewer Extensions, Application No.06-533, 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 285 ft of 8" diameter ductile iron pipe, 2 fire hydrants, and 175 ft of 8" sanitary sewer with 2 manholes, NW 1/4 Section 29 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 18, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-533 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/6-0745.NOC

cc: IPS, Cheyenne
Robert Storck, Parson Brinkerhoff
1660 Lincoln Street
Denver CO 80269



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-536

Hank Williams West: Phase I

This permit hereby authorizes the applicant:

Pennaco Energy, Inc.
Attn.: Mr. Pablo Velasquez
3601 Southern Drive
Gillette, WY 82718

to have installed one compliance monitoring well according to the procedures and conditions of the application number 06-536. The facilities are proximal to the off channel coalbed methane produced water impoundment located in Township 54N, Range 77W, Section 15, in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well East Arvada MW-01.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.
- Reporting of results for the first quarterly data set shall include aluminum, arsenic, barium, boron, cadmium, calcium, chloride, chromium, copper, fluoride, iron, lead, magnesium, pH, potassium, selenium, sodium absorption ratio (SAR), sulfate, total dissolved solids (TDS), and zinc.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment East Arvada

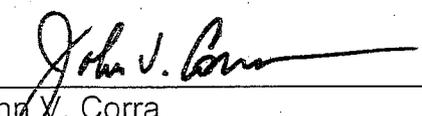
| Parameter | East Arvada MW-01 Background Value (mg/L) (1/26/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|--|---------------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | 0.008 | ≥ 0.04 | 0.05 |
| Sulfate | 992 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 2170 | ≥ 4000 | 5000 |

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John V. Corra
 Director
 Department of Environmental Quality

8/15/06
 Date of Issuance

UW/rm/6-0747



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-536

SITE (POD) NAME: Hank Williams West Phase I

APPLICANT: Pennaco Energy, Inc.
Attn.: Mr. Pablo Velasquez
3601 Southern Drive
Gillette, WY 82718

CONSULTANT: CBM Associates
Attn.: Mr. Robert Garland, P.G. #2283
500 W. Lott Street
Buffalo, WY 82834

LOCATION: Drainage: Unnamed tributary to Wild Horse Creek,
A tributary to Powder River
Sheridan County
Township 54 North; Range 77 West

DATE ON REPORT: August 3, 2006

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: August 16, 2006

ACTION: Compliance Monitoring Plan authorized for Hank Williams West POD
pursuant to conditions on permit # 06-536

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: unnamed tributary to Wild Horse Creek, tributary to Powder River

Type of Impoundment(s)

 X "Off channel "
 "On channel"

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) X

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards (Table 1- Chapter 8). The classification was based primarily on total dissolved solids and sulfate concentrations which both exceed criteria for Class I and Class II groundwater. Metals analyses appear to be influenced by excessive amounts of suspended solids in the sample and may not accurately represent background conditions at this site. In fact, the total aluminum concentration reported (which we believe to be inaccurate) exceeds the livestock Class III criteria. We are able to proceed with permitting this facility because the turbidity of the sample should not significantly affect pH, TDS or sulfate concentrations. Further, reported concentrations of selenium and arsenic are well below the standard trigger values therefore the permit should not be affected by minor inaccuracies of these parameters. A condition will be placed on the permit which will require the first quarter sample results to include the full background suit of parameters. All future samples will be collected following proper metals sampling procedures as specified in the WQD guidance document "Groundwater Sampling For Metals: Summary" dated April 6, 2005.

Description of Hydrogeology: Groundwater occurs below the East Arvada impoundment in a medium to fine grained sand and sand with clay from approximately 25 to 45 feet below ground surface (bgs). This zone has been interpreted by a professional geologist to be comprised of unconsolidated colluvium and slopewash materials. The static water level is approximately 26 feet bgs and indicates unconfined conditions within this water bearing zone. The boring penetrated an additional 25 feet of clay below the water bearing zone.

It appears the water bearing zone may be in hydraulic communication with mapped alluvium in the Wild Horse Creek Drainage. The static water elevation in the monitor well, 3632 ft amsl, is only a few feet below the stream elevation in Wild Horse Creek which appears to be approximately 3637 feet amsl, based on the USGS 7.5 minute quad "Arvada NE". The bottom of the water bearing zone is at an elevation of 3613 feet amsl and is expected to be relatively flay-lying in this area. The depth of the mapped alluvium in the Wild Horse Creek drainage is unknown.

Other Considerations: This impoundment will have a very small capacity which limits it's potential to impact groundwater. Further, the land owner has expressed a great need for this water for livestock watering given the current drought conditions in this area. This permit should be expedited to accommodate the land owner's wishes.

Names of Impoundment covered under Permit 06-536

| Impoundment Name | Capacity (acre/ft) | Type | Qtr Qtr | Section | Township | Range |
|------------------|--------------------|-------------|---------|---------|----------|-------|
| East Arvada | 3.2 | Off-channel | NESW | 15 | 54 N | 77 W |

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well East Arvada MW-01.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

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Impoundment East Arvada

| Parameter | East Arvada MW-01 Background Value (mg/L) (1/26/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | 0.008 | ≥ 0.04 | 0.05 |
| Sulfate | 992 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 2170 | ≥ 4000 | 5000 |
| pH | 7.25 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

UW/rm/6-0747



WYOMING

WATER QUALITY DIVISION
HERSCHLER BLDG. 4W
122 WEST 25TH STREET
CHEYENNE, WY 82002
FAX 307-777-5973

FAX TRANSMITTAL BY: JEANINE

TO: URSULA WILLIAMS, WQD-SHERIDAN
FAX #: 307-672-2213
DATE: 8/18/2006
SUBJECT: HANK, NOW WE CAN WATER THE COWS©

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-537

AC Ranch Central: Makayla Reservoir

This permit hereby authorizes the applicant:

Pennaco Energy, Inc.
Attn.: Mr. Greg Smith
3601 Southern Drive
Gillette, WY 82718

to have installed one compliance monitoring well according to the procedures and conditions of the application number 06-537. The facilities are proximal to the off channel coalbed methane produced water impoundment located in Township 56N, Range 83W, Section 34, in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well Makayla MW-01.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

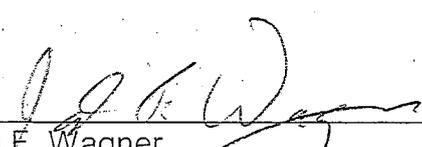
Impoundment: Makayla Reservoir

| Parameter | Makayla MW-01 Background Value (mg/L) (11/19/04) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| ic | <0.005 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 884 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1770 | ≥ 4000 | 5000 |
| pH | 7.23 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

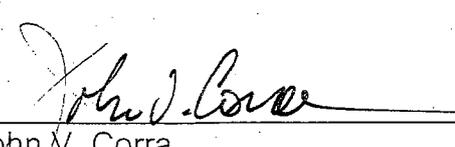
Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:



 John F. Wagner
 Administrator
 Water Quality Division



 John V. Corra
 Director
 Department of Environmental Quality

9/22/06

 Date of Issuance
 UMW/rm/6-0867



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-537

SITE (POD) NAME: AC Ranch Central: Makayla Reservoir

APPLICANT: Pennaco Energy, Inc
Attn.: Mr. Greg Smith
3601 Southern Drive
Gillette, WY 82718

CONSULTANT: Geomega
Attn: Eric M. Johnson, P.E.
2995 Baseline Road #202
Boulder, CO 80303

LOCATION: Drainage: Unnamed tributary to an unnamed,
tributary to Wildcat Creek,
tributary to Tongue River
Sheridan County
Township 56 North; Range 83 West

DATE ON REPORT: August 5, 2005

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: August 29, 2006

ACTION: Compliance Monitoring Plan authorized for AC Ranch Central: Makayla Reservoir pursuant to conditions on permit # 06-537

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: unnamed tributary to unnamed tributary to Wildcat Creek, tributary to Tongue River

Type of Impoundment(s)

 X "Off channel "
 "On channel"

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) X

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards (Table 1- Chapter 8). The sulfate concentration (884 mg/L) exceeds both class I and class II standards.

Description of Hydrogeology: Groundwater occurs below the Makayla reservoir in a fine to medium grained sandstone from approximately 3849 to 3840 feet above mean sea level (amsl). The static water level is approximately 3835 feet amsl and indicates unconfined conditions within this water bearing zone. A dry coal was encountered in a boring east of the reservoir at elevations 3878.5 to 3898 ft amsl. The base of this coal appears to be below the toe of the dam elevation (3884 ft amsl). This coal may provide a means for water infiltrating from the reservoir to seep at the surface where the coal crops out in the Wildcat Creek drainage.

Impoundment covered under Permit 06-537:

| Impoundment Name | Capacity (acre/ft) | Type | Qtr Qtr | Section | Township | Range |
|-------------------|--------------------|-------------|---------|---------|----------|-------|
| Makayla Reservoir | 23.37 | Off-channel | SESW | 34 | 56 N | 83 W |

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well Makayla MW-01.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Makayla Reservoir

| Parameter | Makayla MW-01 Background Value (mg/L) (11/19/04) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | <0.005 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 884 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1770 | ≥ 4000 | 5000 |
| pH | 7.23 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-539

Pinnacle – Wolff – JW Reservoir

This permit hereby authorizes the applicant:

Pinnacle Gas Resources Inc.
Attn.: Mr. Brian Deurloo
1 E. Alger St., Suite 206
Sheridan, WY 82801

to have installed two compliance monitoring wells according to the procedures and conditions of the application number 06-539. The facilities are proximal to the coalbed methane produced water impoundment located in Township 55N, Range 73W, Section 32 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells JW MW-1 and JW MW-2.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15th, 2007.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment JW

| Parameter | JW MW-1 Background Value (mg/L) (04/13/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 310 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 900 | ≥ 4000 | 5000 |
| pH | 8.3 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

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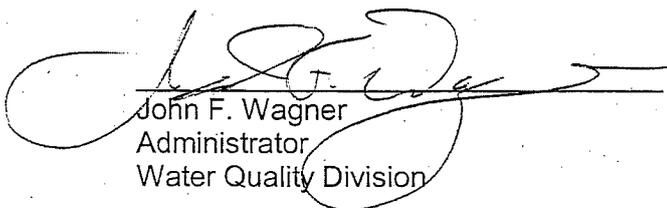
Impoundment JW

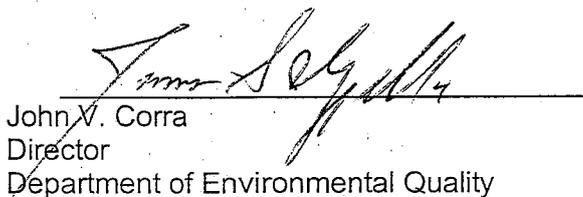
| Parameter | JW MW-2 Background Value (mg/L) (06/02/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|--|-------------------------|---|
| Arsenic | 0.004 | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 1440 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 2620 | ≥ 4000 | 5000 |
| pH | 8.0 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John V. Corra
 Director
 Department of Environmental Quality

4-24-07
 Date of Issuance

WDF/rm/7-0326



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-539

SITE (POD) NAME: Pinnacle – Wolff – JW Reservoir

APPLICANT: Pinnacle Gas Resources Inc.
Attn.: Mr. Brian Deurloo
1 E. Alger Street, Suite 206
Sheridan, WY 82801

CONSULTANT: ALL Consulting
Attn.: Brian Bohm
1305 E. 15th St, Suite 205
Tulsa, OK 74120

LOCATION: Drainage: South Squaw Creek,
tributary to Little Powder River
County : Campbell
Township 55 North; Range 73 West

DATE ON REPORT: July 27, 2006

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: April 17, 2007

ACTION: Compliance Monitoring Plan authorized for Pinnacle – Wolff – JW Reservoir pursuant to conditions on permit # 06-539

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: South Squaw Creek, tributary to Little Powder River

Groundwater Classification:

Class 1 (domestic) _____
Class 2 (agricultural) _____
Class 3 (livestock) X

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards and exceeds both Class I and Class II standards (Table 1-Chapter 8). Table I, below, lists the concentrations of the constituents which exceeded class of use limits.

Table 1. Summary of Groundwater Chemistry

| Well Name | Sample Date | TDS mg/l | Sulfate mg/l | SAR |
|----------------|-------------|----------|--------------|------|
| Class I Limit | | 500 | 250 | |
| Class II Limit | | 2000 | 200 | 8.0 |
| JW MW-1 | 4/8/5 | 980 | 373 | 10.2 |
| JW MW-1 | 4/13/6 | 900 | 286 | 13.2 |
| JW MW-2 | 6/2/6 | 2620 | 1440 | 0.8 |

Description of Hydrogeology: The application package originally included three reservoirs: Joan, JW, and Jim Wolff. Joan and Jim Wolff were withdrawn from the application at the operator's request because they had been previously permitted by the WYPDES program without the condition which requires a groundwater investigation. Review of the permit application was delayed, at the operator's request, until the status of the two original WYPDES permits could be established.

Groundwater was encountered in two of the three holes drilled at the JW site and two monitoring wells were completed. The wells appear to be completed in different water bearing zones which do not appear to be hydraulically connected. MW-1 is screened approximately 20 feet below the bottom of MW-2. Further, the water chemistry from the two wells is dramatically different (although they are both class III) as is shown in Table 1 above.

Because these wells appear to be completed in separate non-connected water bearing zones, the direction of the groundwater gradient cannot be determined. Both wells should be monitored for potential impacts to the groundwater.

Table 2. Names of Impoundment covered under Permit 06-539

| Impoundment Name | Capacity (acre/ft) | Qtr | Qtr | Section | Town. | Range | Downgradient Monitoring Well |
|------------------|--------------------|------|-----|---------|-------|-------|------------------------------|
| JW | 7.3 | NESW | | 32 | 55 N | 73 W | JW MW-1 JW MW-2 |

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells: JW MW-1 and JW MW-2.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15th, 2007.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment JW

| Parameter | JW MW-1 Background Value (mg/L) (04/13/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------|--|----------------------|--|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 310 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 900 | ≥ 4000 | 5000 |
| pH | 8.3 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Impoundment JW

| Parameter | JW MW-2 Background Value (mg/L) (06/02/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------|--|----------------------|--|
| Arsenic | 0.004 | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 1440 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 2620 | ≥ 4000 | 5000 |
| pH | 8.0 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these

trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

WDF/rm/7-0326

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-540

Harris Brug Bitter Creek Project: Harris#2 Reservoir

This permit hereby authorizes the applicant:

Pinnacle Gas Resources, Inc.
Attn.: Mr. Brian Johnston
1 E. Alger, Suite 206
Sheridan, WY 82801

to have installed one compliance monitoring well according to the procedures and conditions of the application number 06-540. The facilities are proximal to the on channel coalbed methane produced water impoundment located in Township 56N, Range 73W, Section 32, in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well Harris #2 MW-1.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

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Impoundment Harris #2 Reservoir

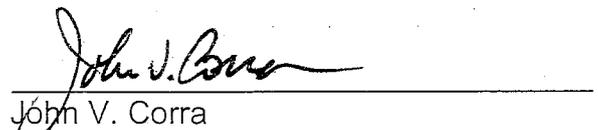
| Parameter | Harris #2 MW-1 Background Value (mg/L) (4/11/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | 0.014 | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 680 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1450 | ≥ 4000 | 5000 |
| pH | 8.2 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

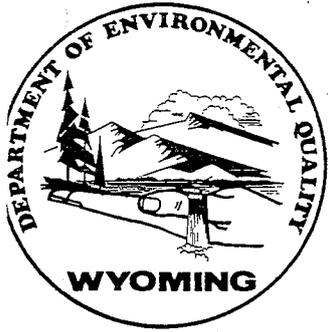
AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John V. Corra
 Director
 Department of Environmental Quality

9/18/06
 Date of Issuance

UW/rm/6-0849



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-540

SITE (POD) NAME: Harris Brug Bitter Creek Project: Harris #2 Reservoir,
Campbell County, WY

APPLICANT: Pinnacle Gas Resources Inc.
Attn: Mr. Brian Johnston
1 E. Alger, Suite 206
Sheridan, WY 82801

CONSULTANT: ALL Consulting
Attn: Mr. Brian Bohm
100 N Main St Suite 3
Edwardsville, IL 62025

LOCATION: Drainage: Unnamed tributary to Bitter Creek,
tributary to Powder River
County : Campbell
Township 56 North; Range 73 West

DATE ON REPORT: August 4, 2004

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: September 12, 2006

ACTION: Compliance Monitoring Plan authorized for Harris Brug Bitter Creek
Project: Harris #2 Reservoir pursuant to conditions on permit # 06-540

- Measurement of static water level and sampling and analysis of groundwater at downgradient well Harris #2 MW-1.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Harris #2 Reservoir

| Parameter | Harris #2 MW-1 Background Value (mg/L) (4/11/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | 0.014 | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 680 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1450 | ≥ 4000 | 5000 |
| pH | 8.2 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-542

South Squaw Creek: Sonny

This permit hereby authorizes the applicant:

Pinnacle Gas Resources, Inc
Attn.: Mr. Brian Deurloo
1 E. Alger St., Suite 206
Sheridan, WY 82801

to have installed two compliance monitoring wells according to the procedures and conditions of the application number 06-542. The facilities are proximal to the off channel coalbed methane produced water impoundment located in Township 55N, Range 74W, Section 25, in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well The Sonny (a.k.a. MW-1) and MW-2.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Sonny Reservoir

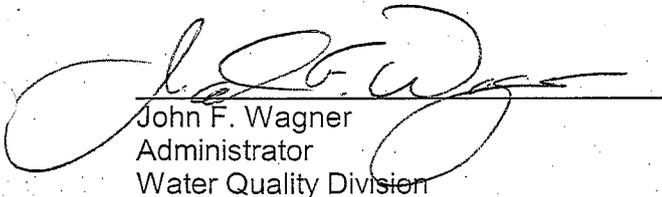
| Parameter | The Sonny (a.k.a. MW-1) Background Value (mg/L) (4/13-06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|--|-------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 320 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1320 | ≥ 4000 | 5000 |
| pH | 7.9 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

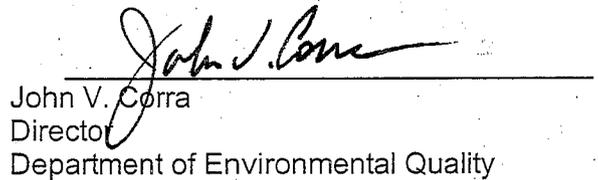
| Parameter | MW-2 Background Value (mg/L) (4/13-06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|--|-------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | 0.012 | ≥ 0.04 | 0.05 |
| Sulfate | 390 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1290 | ≥ 4000 | 5000 |
| pH | 7.9 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

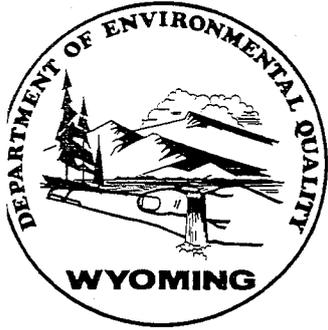
AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9/18/06
Date of Issuance

UW/rm/6-0851



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-542

SITE (POD) NAME: South Squaw Creek: Sonny

APPLICANT: Pinnacle Gas Resources, Inc
Attn.: Mr. Brian Deurloo
1 E. Alger St, Suite 206
Sheridan, WY 82801

CONSULTANT: ALL Consulting
Attn: Mr. Brian Bohm
100 N Main St Suite 3
Edwardsville, IL 62025

LOCATION: Drainage: Unnamed tributary to Squaw Creek,
tributary to Horse Creek
tributary to Little Powder River
County : Campbell
Township 55 North; Range 74 West

DATE ON REPORT: August 4, 2006

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: September 7, 2006

ACTION: Compliance Monitoring Plan authorized for South Squaw Creek: Sonny
pursuant to conditions on permit # 06-542

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: unnamed tributary to Squaw Creek, tributary to Horse Creek, tributary to Little Powder River

Type of Impoundment(s)

 X "Off channel "
 "On channel"

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) X

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards (Table 1- Chapter 8). See Description of Hydrology for further discussion.

Description of Hydrogeology: The topography in the vicinity of the Sonny is relatively flat. Given the discontinuous nature of the units intersected by monitoring wells, there appears to be little potential for water to "daylight" in Squaw Creek approximately 0.75 miles to the north. There is slightly greater potential for water levels to rise in the areas of lower topography downstream from the reservoir, potentially subirrigating these areas.

Three wells were installed: each in a different water bearing zone.

MW-1 is completed in unconsolidated fill only twenty feet below ground surface (bgs). This water bearing zone is unconfined and would likely respond quickly to wet weather cycles.

MW-2 and MW-3 are newer wells completed in coals some forty feet apart vertically. MW-2 is marginally confined with a static water level approximately 5 feet above the top of the coal. MW-3 is more significantly confined with the static water level some 30 feet above the top of the deeper coal.

MW-1 was installed in 2005; thus, two samples are available approximately one year apart. The first sample was taken in July 2005 and indicates a class I water. This well was re-sampled in 2006 and indicates class 3 groundwater because SO4 exceeds class 1 and class 2 standards. Because this is a very

shallow water bearing zone which has highly variable water quality, it is classified as a Class III groundwater.

Only one water quality sample is available for each of these wells. Both MW-2 and MW-3 indicate class 3 groundwater: MW-3 exceeds the Class 2 standard for SAR whereas MW-2 exceeds the Class 2 standard for SO4.

Due to the very shallow completion in MW-1 and a relatively shallow coal, both MW-1 and MW-2 will be compliance monitoring points.

Name of Impoundment covered under Permit 06-542:

| Impoundment Name | Capacity (acre/ft) | Type | Qtr | Qtr | Section | Township | Range |
|------------------|--------------------|-------------|------|-----|---------|----------|-------|
| Sonny | 49.7 | Off-channel | SENE | | 25 | 55 N | 74 W |

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells The Sonny (a.k.a. MW-1) and MW-2.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Sonny Reservoir

| Parameter | The Sonny (a.k.a. MW-1) Background Value (mg/L) (4/13-06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------|---|----------------------|--|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 320 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1320 | ≥ 4000 | 5000 |
| pH | 7.9 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Impoundment Sonny Reservoir, continued

| Parameter | MW-2 Background Value (mg/L) (4/13-06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | <0.001 (ND) | ≥ 0.16 | 0.2 |
| Selenium | 0.012 | ≥ 0.04 | 0.05 |
| Sulfate | 390 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1290 | ≥ 4000 | 5000 |
| pH | 7.9 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-543

Tietjen: Lower Whit N1 and N2

This permit hereby authorizes the applicant:

Windsor Energy Group, LLC
Attn.: Mr. Alan Schultz
850 Val Vista
Sheridan, WY 82801

to have installed two compliance monitoring wells according to the procedures and conditions of the application number 06-543. The facilities are proximal to the on channel coalbed methane produced water impoundments located in Township 54N, Range 79W, Section 8, in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well 10MWA-8 and 7MWA-8.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Lower Whit N1

| Parameter | 7MWA-8 Background Value (mg/L) (12/2/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | 0.002 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 80 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1760 | ≥ 4000 | 5000 |
| pH | 8.2 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Impoundment Lower Whit N2

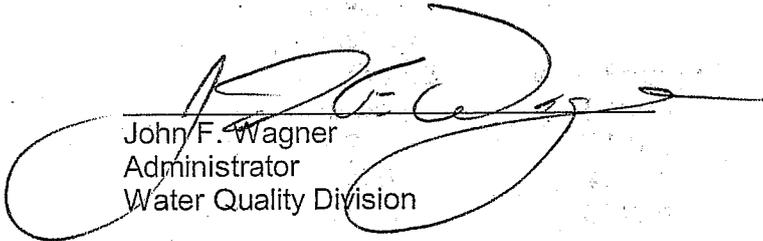
| Parameter | 2MWA-8 Background Value (mg/L) (12/2/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | 0.006 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 20 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 860 | ≥ 4000 | 5000 |
| pH | 8.4 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

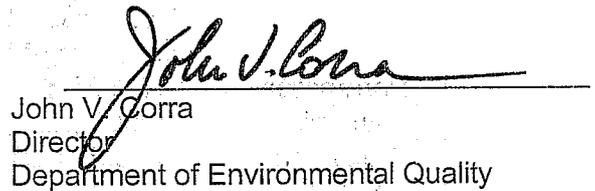
Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

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The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8/15/06
Date of Issuance

UW/rm/6-0735



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-543

SITE (POD) NAME: Tietjen: Lower Whit N1 and N2

APPLICANT: Windsor Energy Group, LLC
 Attn.: Mr. Alan Schultz
 550 Val Vista
 Sheridan, WY 82801

CONSULTANT: Bighorn Survey and Engineering, LLC
 P.O. Box 403
 Buffalo, WY 82854

LOCATION: Drainage: Whitmeyer Creek,
 tributary to Clear Creek
 County : Sheridan
 Township 54 North; Range 79 West

DATE ON REPORT: August 3, 2006

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: August 14, 2006

ACTION: Compliance Monitoring Plan authorized for Tietjen: Lower Whit N1 and
 N2 pursuant to conditions on permit # 06-543

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Whitmeyer Creek, tributary to Clear Creek

Type of Impoundment(s)

 "Off channel "
 2 "On channel"

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) 2

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards (Table 1- Chapter 8). Specifically, total dissolved solids (TDS) exceed class I criteria and sodium adsorption ratio (SAR) exceeds Class II criteria.

Description of Hydrogeology: Groundwater occurs below the Lower Whit N1 impoundment in a medium to coarse grained sandstone from approximately 60 to 100 feet below ground surface (bgs). This sandstone appears to be dry in one of the three wells (though water was encountered in a deeper coal). The sandstone is under water table conditions in the remaining two wells. Groundwater was encountered below Lower Whit N2 in a coal at a depth of approximately 110 feet and also appears to be under water table conditions.

Names of Impoundments covered under Permit 06-543:

| Impoundment Name | Capacity (acre/ft) | Type | Qtr Qtr | Section | Township | Range |
|------------------|--------------------|------------|---------|---------|----------|-------|
| Lower Whit N1 | 18.65 | On-channel | SWNE | 8 | 54 N | 79 W |
| Lower Whit N2 | 16.18 | On-channel | NWNE | 8 | 54 N | 79 W |

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells 7MWA-8 and 2MWA-8.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2006**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment Lower Whit N1

| Parameter | 7MWA-8 Background Value (mg/L) (12/2/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | 0.002 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 80 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 1760 | ≥ 4000 | 5000 |
| pH | 8.2 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Impoundment Lower Whit N2

| Parameter | 2MWA-8 Background Value (mg/L) (12/2/05) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | 0.006 (ND) | ≥ 0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥ 0.04 | 0.05 |
| Sulfate | 20 | ≥ 2400 | 3000 |
| Total Dissolved Solids (TDS) | 860 | ≥ 4000 | 5000 |
| pH | 8.4 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the

following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

UW/rm/6-0735

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 06-544

Echeta Project: 43-3-5375 Reservoir

This permit hereby authorizes the applicant:

Edwards Exploration Corporation, L.L.C.
Attn.: Mr. Spenser Edwards
23131 Turtle Creek Blvd., Suite 1100
Dallas, TX 75219

to have installed one compliance monitoring well according to the procedures and conditions of the application number 06-544. The facilities are proximal to the on channel coalbed methane produced water impoundment located in Township 53N, Range 75W, Section 3, in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

The issuance of this permit confirms that the Wyoming 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.

Nothing in this permit constitutes an endorsement by 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 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 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 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, 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: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 3: Monitoring Requirements:

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient well MW 43-3-5375.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by January 15, 2007.

The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

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Impoundment 43-3-5375 Reservoir

| Parameter | MW 43-3-5375 Background Value (mg/L) (7/12/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|-------------------------|---|
| Arsenic | 0.003 | ≥0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥0.04 | 0.05 |
| Sulfate | 2400 | ≥2700 | 3000 |
| Total Dissolved Solids (TDS) | 4340 | ≥4670 | 5000 |
| pH | 7.82 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead, and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John V. Corra
 Director
 Department of Environmental Quality

9-21-06
 Date of Issuance



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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 06-544

SITE (POD) NAME: Echeta Project: Reservoir 43-3-5375

APPLICANT: Edwards Exploration Corporation, LLC
Attn: Spencer Edwards
3131 Turtle Creek Blvd. Suite 1100
Dallas, TX 75219

CONSULTANT: O&G Environmental Consulting, L.L.C.
Attn: Michael Stanley
11 Inverness Way South
Englewood, CO 80112

LOCATION: Drainage: Unnamed tributary to Middle Prong Wild Horse
Creek, tributary to Little Powder River
County: Campbell
Township 53 North; Range 75 West

DATE ON REPORT: August 8, 2006

REVIEWING OFFICIAL: Ursula Williams, North District Groundwater Sen. Analyst

DATE OF THIS REVIEW: August 31, 2006

ACTION: Compliance Monitoring Plan is authorized for Echeta Project: Reservoir
43-3-5375 pursuant to conditions on permit # 06-544

- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundments:

Impoundment 43-3-5375 Reservoir

| Parameter | MW 43-3-5375 Background Value (mg/L) (7/12/06) | Trigger Value (mg/L) | Class III Water Quality Standards (mg/L) |
|------------------------------------|---|---------------------------------|---|
| Arsenic | 0.003 | ≥0.16 | 0.2 |
| Selenium | <0.005 (ND) | ≥0.04 | 0.05 |
| Sulfate | 2400 | ≥2700 | 3000 |
| Total Dissolved Solids (TDS) | 4340 | ≥4670 | 5000 |
| pH | 7.82 | ≤ 6.5 | 6.5 – 8.5 (s.u) |

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead, and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

UW/bb/6-0861.REV

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-545

Togwotee Mountain Lodge Filtration & Disinfection System
PWS #5600501

This permit hereby authorizes the applicant:

Jeff Golightly, Manager
Togwotee Mountain Lodge
P.O. Box 91
Moran, WY 83013

to install two cartridge filters, one ultraviolet (UV) irradiation unit, and a hypochlorite injection system, according to the procedures and conditions of the application number 06-545. The facility is located within Section 32, Township 45 North, and Range 111 West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 12, 2007.

The issuance of this permit confirms that the Wyoming 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 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 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 Wyoming 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 of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ 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 operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

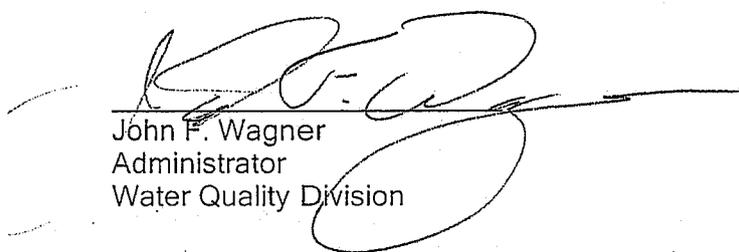
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

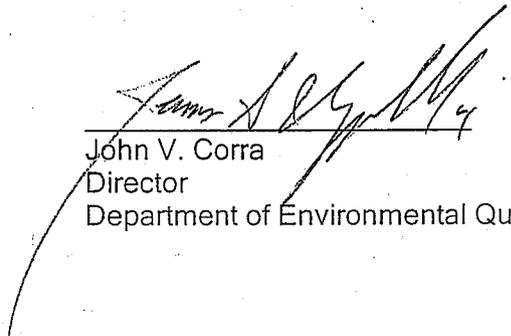
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 5 WDEQ noted that the hypochlorite metering pump would only be operating at 4 percent or less of the pumps capacity if the hypochlorite solution is not diluted prior to injection. Thus the hypochlorite solution will need to be diluted (i.e., 10 to 20 fold) to operate the metering pump within a suitable range (i.e., greater than 40 percent of pump capacity) of the metering pump.
- 2 of 5 The owner shall adhere to the manufacturer's maintenance recommendations. The recommendations include: 1) clean the quartz sleeves surrounding the UV lamps at least twice per year of service, 2) Replace the quartz sleeves at routine intervals of three to five years, and 3) replace the UV lamps on a yearly basis.
- 3 of 5 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 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.
- 4 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 5 of 5 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

9/13/06
Date of Issuance
JSB/rm/6-0844

STATEMENT OF BASIS

1. Permit Number: 06-545
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Is a Section 17 of Chapter 3 review required to indicate the basis for determining that groundwater will be protected?
Not Required
5. Documentation of Statement of Basis: The archive file for this permit includes 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on September 12, 2007. 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."

Cc: Robert Ablondi, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001



Department of Environmental Quality



To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 21, 2006

Janet & Paul Carter
3314 Corte Madera
Fort Collins, CO 80524

RE: Carter Residential Septic System – Ryan Park,
Location: SW¼, Section 28, T16N, R81W,

Application No. **06-547**
Carbon County

Dear Mr. & Mrs. Carter:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3 bedroom** cabin 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 September 21, 2008. Please reference Application Number **06-547** in any future correspondence.

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

Sincerely,

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

RLE/rm/6-0869

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Kent Smith, P.E., Box 684, Saratoga, Wyoming 82331
Earth Busters, P.O. Box 1604, Saratoga, Wyoming 82331
Carbon County Planning Director, Jim Holycross, 215 W. Buffalo Street, #304,
P.O. Box 487, Rawlins, Wyoming 82301

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(307) 777-7758
FAX 777-3610

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(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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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

November 30, 2006

Mrs. Susan Hynes,
Endless Summer Properties, LLC
2305 Idledale Drive
Fort Collins, CO 80526

RE: Wiister Drive Water and Sewer Extensions, Application No.06-548, Albany County

Dear Mrs. Hynes:

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 285 feet of 10 in. water line and 280 ft of 10 in sewer line with 3 manholes, SW 1/4 Section 35 T16N 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 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 May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-548 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

cc: IPS, Cheyenne

John Galbreath, Coffey Engineering and Surveying, LLC
903 East Grand Avenue
Laramie WY 82070

LBH/rm/6-1124





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 23, 2006

A&B Building-Garland Enterprises
ATTN: William Garland
78 East Ridge Road
Sheridan, Wyoming 82801

RE: East Ridge Industrial Park
Application No. **06-549**

Dear Mr. Garland:

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, 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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 1, 2008. Please reference Application Number **06-549** in any future correspondence.

If you have any questions, please contact me at (307) 777-6371.

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0976

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
William Mentock, Mentock Engineering, 1030 N. Main #2, Sheridan, Wyoming 82801
Mike Cole, City of Sheridan, PO Box, 848, Sheridan, Wyoming 82801

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FAX 777-5864

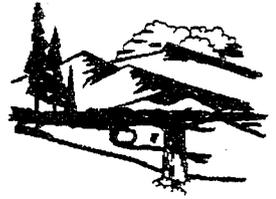
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FAX 777-5973





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 23, 2006

Mr. Roberto Mancini, Vice President
Avanti Partnership
4620 Grandview Avenue
Cheyenne, WY 82009

RE: Cheyenne Avanti Business Complex Fire Line, Application No.06-550,Laramie County

Dear Mr. Mancini:

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 4" fire line, SE 1/4 Section 20 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 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 September 15, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-550 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

cc: IPS, Cheyenne

Robert E. Carpenter, Inberg-Miller Engineers
350 Parsley Blvd
Cheyenne WY 82007

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

LBH/rm/6-0769

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FAX 777-5973

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