



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

September 28, 2007

Kent Connelly, Chairman
Lincoln County Board of Commissioners
925 Sage Avenue, Suite 302
Kemmerer, WY 83101

RE: Suters Canyon Subdivision, Lincoln County, and WDEQ Application #07-501R

Dear Mr. Chairman:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. The WDEQ has an **'Adverse'** recommendation on this proposed subdivision. Our recommendation regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of W.S. 18-5-306 (c) is based on additional information being required to answer the WDEQ's August 28, 2007 review letter addressing the following questions and statements:

Findings as to the safety and adequacy of the proposed sewage system:

The WDEQ finds the proposed sewage system to be safe and adequate. The applicant's consultant has indicated that there is a shallow water table aquifer (unconfined aquifer) present in the area of the proposed subdivision. Therefore, enhanced septic systems are required for the protection of groundwater under laying this subdivision.

Each small enhanced wastewater treatment system must continually achieving the following minimum treatment standards as required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at a depth of 4 feet above the groundwater. The total separation distance from the bottom of the leach field trench or bed must be at least eight (8) feet from the seasonally high groundwater:

- Fecal Coliform: < 800 colonies/100mL (maximum 30 day geometric mean)
- Total Kjeldahl Nitrogen: < 25mg/L (maximum 30 day average)

Individual enhanced treatment system owners are required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements and recommendations and the permit conditions. Authority for this requirement is found in Sections 11 (a) and (c), Chapter 3 of the Wyoming Water Quality Rules and Regulations. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statue 35-11-301.

Since Lincoln County has been delegated by the department to issue small wastewater system permits it is the county's responsibility to ensure, prior to issuing the permits that all permit requirements and design standards will be met.



Findings as to the safety and adequacy of the proposed water system:

6. A letter from Mike Ebsen of the State Engineer's Office dated August 21, 2007 states "3. Portions of the lands to be subdivided appear to be located within the boundaries of the Bedford Water and Sewer District. It has come to the attention of the State Engineers Office that in the recent past, more than one individual seeking a domestic use well within the Bedford Water and Sewer District has been denied the ability to construct the well by the District. As the posture of the District regarding new domestic use wells within the boundaries of the District may or may not have some bearing on the ability of future lot owners to secure domestic use wells, we would suggest that the subdivider or his agent contact the Bedford Water and Sewer District prior to the final subdivision of the lands to determine whether domestic use water wells can be constructed within the entirety of the lands to be subdivided."

7. Chapter 23, Section 8 (b)(ii) requires certification by the owner of water distribution facilities that the system can and will provide adequate service to the proposed subdivision. This certification has to address the willingness and a commitment of the owner to provide service, as well as the hydraulic capacity of the distribution system and the ability of the facilities to provide potable water to the proposed subdivision. Those lots which are located within the Bedford Water and Sewer District must be identified. Certification from the Bedford Water and Sewer District must be submitted indicating how water service will be provided to these lots and whether or not if lot owners will be allowed to drill individual domestic water wells within the district.

8. Chapter 23, Section 8 (a)(vi) requires that the information required by W.S. 18-5-306 (a)(xi) is to be submitted. The State Engineer's Office has responded in the following manner:

A letter from Mike Ebsen dated August 21, 2007 states "Therefore the State Engineers Office is not supportive of approving the development of the proposed subdivision. Also be advised that any number of events could occur at some point in the future, which may preclude the State Engineer from issuing new permits for this type of activity." Have the above water rights issues been resolved ?

Chairman
Lincoln County Board of Commissioners
September 28, 2007

Conclusion(s):

The department has an 'Adverse' recommendation on this proposed subdivision. When the above safety and adequacy issues of the proposed sewage and water system are resolved a non-adverse recommendation will be given.

Disclaimer

Nothing in WDEQ's recommendations or comments regarding the subdivider's proposal shall be construed to relieve the subdivider of their obligation to obtain any permits or additional approval from any local state or federal agencies/entities as required by law, rules and regulations, or ordinance. Nothing in these recommendations commits the WDEQ or the delegated county to the issuance of required permits for construction, operation, or modification of water supply and/or wastewater systems. It is the duty of the subdivider/developer to comply with all applicable federal, state and local requirements. Please do not hesitate to contact me at (307) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,



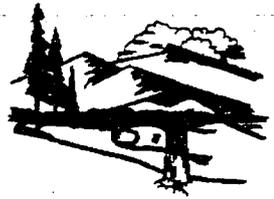
Mark Baron, P. E.
Southwest District Engineer
Water Quality Division

xc:

Philip Gyr, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Bill and Lynette Sharpe, P.O. 11090, Bedford, WY 83112
John Woodward, Lincoln County Office of Planning and Development, P.O. Box 414, Afton, WY 83110.
Mike Ebsen, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne, WY 82002
IPS-Cheyenne
chron & file(3)



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 15, 2007

Christian W. Keldson
Box 813
Saratoga, Wyoming 82331

RE: Keldson's Private Residential Septic System,
Location: SW¼, Section 31, T18N, R83W,

Application No. 07-502
Carbon County

Dear Mr. OWNER OR REP:

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 conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

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

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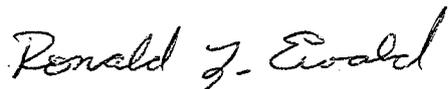
ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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The approval granted under this Notification Of Coverage and the General Permit shall expire on August 15, 2009. Please reference Application Number 07-502 in any future correspondence.

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

Sincerely,



Ronald L. Ewald, P.E.
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/7-0716

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Carbon County Planning Director, Lou Kline, 215 W. Buffalo Street, #304,
P.O. Box 487, Rawlins, Wyoming 82301



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 27, 2007

Mr. Robert Ward, Chairman
GOSHEN COUNTY
2125 EAST A ST
TORRINGTON, WY 82240

RE: GOSHEN COUNTY ALZHEIMER'S UNIT IMPROVEMENTS
Application No. **07-504**, Goshen County

Dear Mr. Ward:

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 water and sewer line extensions to serve Alzheimer's Unit of Goshen County Community Hospital, SW ¼ NE ¼ Section 4 T24N R61; Goshen 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 September 15, 2009.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-504** in any future correspondence.

Sincerely,

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

LBH/cs/7-0748

cc: IPS, Cheyenne

Tim Eisenhauer, Baker and Associates; 1925 East A St; Torrington, WY 82240

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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
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 6, 2007

Mr. Charlie George, Public Works Director
Town of Medicine Bow
319 Pine Street
Medicine Bow, WY 82329

RE: MEDICINE BOW BULK WATER FILL STATION,
Application No. 07-505, Albany County

Dear Mr. George:

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 a unmanned bulk water fill station, NE1/4 Section 8 T22N R78W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2007.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 07-505 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/7-0656.NOC

cc: IPS, Cheyenne



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-506

Reference Permit NO. 04-377RR

Rafter J Improvements & Service District - Water System Improvements
PWS # WY5600822

This permit hereby authorizes the applicant:

James P. Huspek, President
Rafter J Improvements & Service District
2951 West Big Trail Drive
Jackson, WY 83001

to construct 20 linear feet of 10-inch PVC watermain and a new water well according to the procedures and conditions of the application number 07-506. The facility is located at NE 1/4 & NW 1/4, Section 17, T40N, R116W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit renewal shall be completed by August 7, 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, 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:

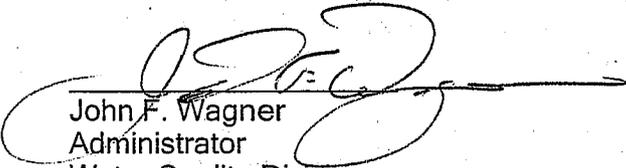
- 1 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

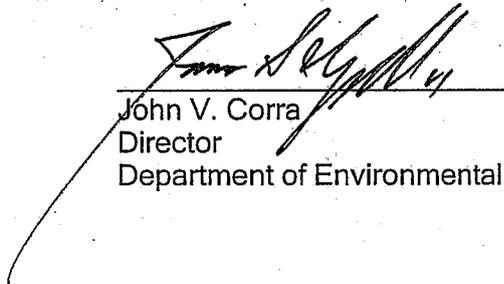
- 2 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction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

- 3 of 4 Water quality data such as that for bacteriological contaminants, inorganic contaminants (IOC), volatile organic contaminants (VOC), synthetic organic contaminants (SOC) and radionuclide contaminants must be submitted before any new water well is put into service. The well water quality must be in compliance with the United States Environmental Protection Agency (USEPA) National Primary Drinking Water Standards.

- 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

8-9-07
Date of Issuance
MDB/rm/7-0681

STATEMENT OF BASIS

1. Permit Number: 07-506
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 a 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 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 Mark D. Baron, P.E., mbaron@state.wy.us, Southwest District Engineer and completed on August 7, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-507

Green River Water Treatment Plant Solids
PWS# WY5600050

This permit hereby authorizes the applicant:

Green River, Rock Springs, Sweetwater County Joint Powers Board
PO Box 1299
Green River, Wyoming 82935

to construct, install or modify a drinking water plant's solids handling facilities by constructing three new drying beds to handle dewatered residuals; according to the procedures and conditions of the application number 07-507. The facility is located in NW1/4 Section 22, Township 18 North, Range 107 West in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 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.

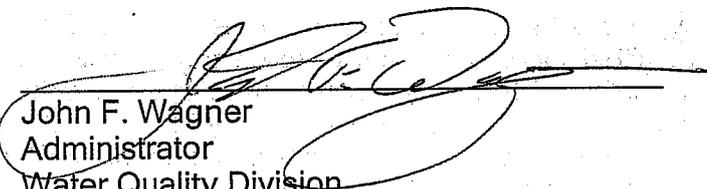
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

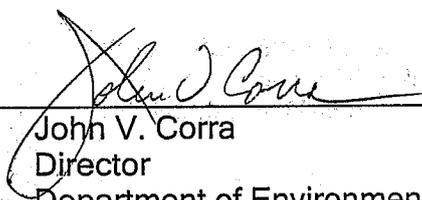
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Southeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR) 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 DEQ/WQD Southeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.
- 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

12/20/07
Date of Issuance

BDM/cs/1064

STATEMENT OF BASIS

1. Permit Number: 07-507
2. Application reviewed for compliance with the following applicable regulations:
 - a. Chapters 3 and 12.
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.
not required
5. 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 Brian Mark, Staff Engineer, and completed on December 18, 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."



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 17, 2007

Powder Horn Ranch - 2, LLC
ATTN: Homer Scott
Sheridan, WY 82801

RE: The Grove at Powder Horn Water and Sewer Extensions
Application No. **07-508**

Dear Mr. Scott:

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, and 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, 2009. Please reference Application Number **07-508** in any future correspondence.

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

Sincerely,

Brian Mark
Staff Engineer
Water Quality Division

BDM/cs/7-0812

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
Jay Stender, SAWS JPB, 224 S. Main St. Sheridan, WY 82801
Karen Farley, Department of Environmental Quality, Casper

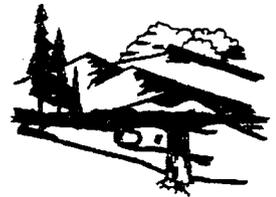
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 28, 2007

Town of Dayton
ATTN: William A. Mentock
PO Box 100
Dayton, WY 82836

RE: Town of Dayton Woodrock Estates Phase III Water and Sewer Extensions
Application No. **07-510**

Dear Mr. Mentock:

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 **07-510** in any future correspondence.

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

Sincerely,

Brian Mark
Staff Engineer
Water Quality Division

BDM/cs/7-0750

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
Engineering Inc., 1030 N. Main #2, Sheridan, WY 82801
Karen Farley, Department of Environmental Quality, Casper

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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
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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

January 23, 2008

Dale Norris
P.O. Box 569
Wright, WY 82732

RE: Dale Norris Site Project – Small Commercial Wastewater System
Permit # 07-511

Dear Mr. Norris:

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 (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3478. Thank you.

Sincerely,

Karen L. Farley, P.E.
Northeast District Supervisor
WDEQ/WQD

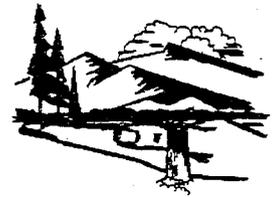
Enclosures: General Permit

cc: Allan Schreier, P.E., Schreier Engineering, 1403 5th Avenue, Suite 6, Belle Fourche, SD 57717
Keith Bowar, Campbell County, 500 S. Gillette Ave., Suite 1500, Gillette, WY 82716
WDEQ File
IPS, Cheyenne





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 20, 2007

Phyllis & Jimmy Crandall
276 Lane 14
Thermopolis, WY 82443

RE: P&J Crandall Small Wastewater Treatment Facility, Permit Number: 07-512, NE ¼, Section 14, T42N, R95W, Hot Springs County

Dear Mr. and Mrs. Crandall:

This project involves the installation of a septic tank and leachfield system to serve a two bedroom residence. The above application for coverage under General Permit to construct a gravity flow septic tank and leachfield 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 provided.

Lee Campbell, Hot Springs County Planner, must be contacted at 307-864-2961 to schedule a construction inspection at least 24 hours prior to the beginning of construction. 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
Lee Campbell, Hot Springs County, 415 Arapahoe, Thermopolis, WY 82443 (w/enclosures)

encl: General Permit For a Small Wastewater Facility

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • <http://deq.state.wy.us>

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





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 16, 2007

Marcia Russell
2712 Alan Street
Fort Collins, CO 80524

RE: Russell Residential Septic System – Ryan Park, Application No. **07-513**
Location: SW¼ SE¼, Section 28, T16N, R81W, Carbon County

Dear Ms. Russell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **1 bedroom** home 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 16, 2009. Please reference Application Number **07-513** in any future correspondence.

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

Sincerely,

Ronald L. Ewald, P.E.
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/7-0721

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Kent Smith, P.E., Box 684, Saratoga, Wyoming 82331
Rod's Backhoe Service, P.O. Box 1162, Saratoga, Wyoming 82331
Carbon County Planning Director, Lou Kline, 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) 777-7937 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
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-514

REFERENCE PERMIT NO. 82-422

DOUGLAS WWTF - PHASE I IMPROVEMENTS

This permit hereby authorizes the applicant:

CITY OF DOUGLAS
420 W GRANT
DOUGLAS, WY 82633-2140

to construct, install or modify a construction of headworks building with step screen, screenings washer, replacement of influent screw pumps, and replacement of influent flow metering system according to the procedures and conditions of the application number 07-514. The facility is located in NE1/4 Section 17 T32N R71W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 11, 2012.

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.

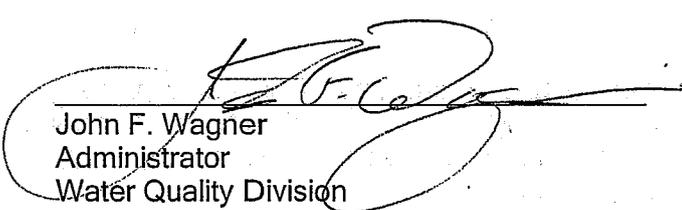
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

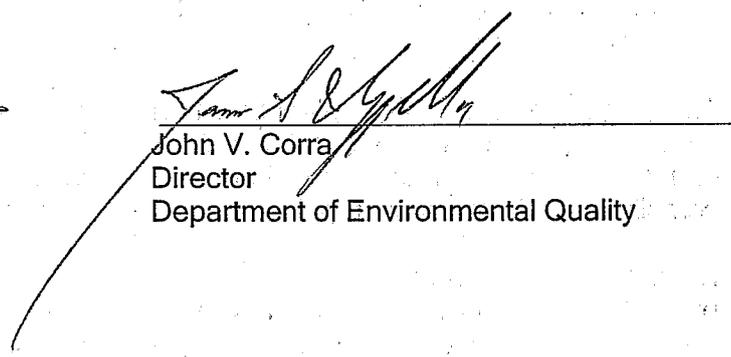
- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

- 2 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 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

Date of Issuance 8-15-07

LBH/rm/7-0705
SRZ 8/14/06

STATEMENT OF BASIS

1. Permit Number: 07-514
2. This application was reviewed for compliance with the applicable regulations ;

Chapters 3, 11

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

NO

4. The permit approval is based upon a deviation from applicable regulations in accordance with Section 5. of Chapter 11.
 - a. Chapter 11, Section 12(b)(iv) specifies minimum bar screen openings for mechanically cleaned screens of 1/2".
 - b. As technology has developed step screens which moves the screen as it plugs off from the flow and cleans it outside the flow, much smaller openings have become practical. The smaller openings in the step screen approved result in a much higher rate of removal of undigestable solids.
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.

The basis for determining groundwater will be protected is that the facility will not allow a discharge to groundwater.

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 Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on August 14, 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."

ROAD APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 07-515
SPECIAL CONDITIONS
REF/PERMIT

IBERLIN RANCH ROADS ROAD APPLICATION

This permit hereby authorizes the applicant:

DEVON ENERGY CORPORATION
1890 WARLOW DRIVE
GILLETTE, WYOMING 82717

to road apply CBM produced water for dust control according to the procedures and conditions of application number 07-515. The application site is located in Sections 7, 8, 9, 16, 17, 18, 20, 21, 22, 28, and 33, Township 42 North, Range 76 West in the counties of Johnson and Campbell, in the State of Wyoming. The center of the project area is located approximately 17 miles northeast of Edgerton, Wyoming. This permit shall be effective until December 1, 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 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.

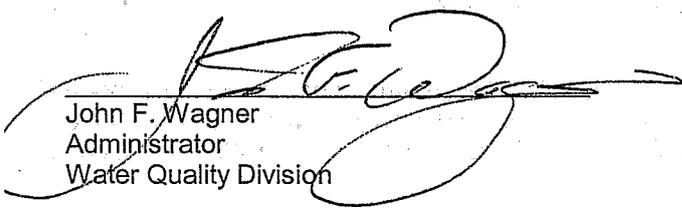
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

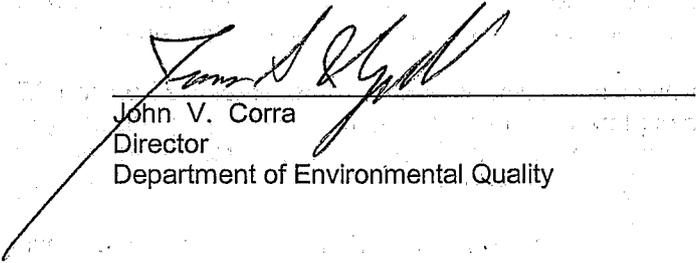
1 of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 North Durbin Street, Suite 100, Casper, WY 82601, telephone (307) 473-3452; FAX (307) 473-3458.

of 8 The permittee shall provide immediate oral and/or written notice to the Casper WDEQ Field Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.

- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- Date that the road application was completed; and
 - Certification the road application was done in accordance with the terms and conditions of the permit; or
 - Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received CBM produced water.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 8 The produced CBM water shall be applied uniformly and incorporated into the road bed. The volume and rates of application will be as required for dust control and must be modified for climatic conditions. Applying water during or after storm events will not be allowed. Applying water when road bed is visibly wet, such that there is water ponded on the surface of the road or causing run-off from the road, will not be allowed.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 The application of CBM produced water shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the CBM 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

8-16-07
Date of Issuance

JDL/kjm/rm/7-0720
JRS 8-16-07

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 07-515

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

District Policy numbers 10.1 (4/9/91), 10.2 (10/17/86), 10.3 (8/91), 10.4 (10/24/91), and 10.6 (1/18/91) address the statutory authority to regulate the road application of waste, establish criteria for characterizing the waste, and determine acceptable conditions for the application of the waste to roadbeds to minimize impact to waters of the State.

District Policy 10.2 (10/17/86)

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

NA

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the production water from CBM wells. Application is for dust control only.

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

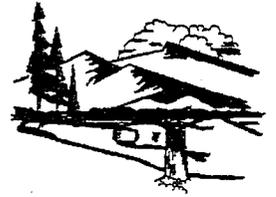
A. The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

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, Senior Environmental Analyst, and completed on August 8, 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."



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

October 8, 2007

ARCHIVES

William Cramer, Chairman
Sublette County Board of Commissioners
P.O. Box 250
Pinedale, WY 83101

RE: Blackburn Subdivision, Sublette County, and WDEQ Application #07-516R

Dear Mr. Cramer:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. The WDEQ has **'Non-Adverse'** recommendations on this proposed subdivision. Our recommendation regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of W.S. 18-5-306 (c) is based on the following findings:

Findings as to the safety and adequacy of the proposed sewage system:

WDEQ has reviewed the suitability of the subdivision soils for the disposal of septic effluent and finds that enhanced treatment septic systems will be required for the protection of groundwater. WDEQ's **'Non-Adverse'** recommendation is therefore based on the following language, or similar, language added to the plat and/or all offers, solicitations, advertisements, contacts, and agreements relating to the subdivision, advising potential buyers of the Wyoming Department of Environmental Quality's requirements for the construction of septic systems:

It is the Individual lot owners responsibility to have a Professional Engineer Licensed with the State of Wyoming, to obtain a Chapter 3 Permit to Construct, from the Wyoming Department of Environmental, Water Quality Division to authorize the construction of all non-residential septic systems. Lot owners must submit the permit application to the Southwest District Engineer, Water Quality Division, 510 Meadowview Drive, Lander, WY 82520.

The proposed individual sewage disposal systems are to be enhanced on-site wastewater treatment systems for all lots. Each small enhanced wastewater treatment system must continually achieving the following minimum treatment standards as required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at a depth of 4 feet above the seasonally high groundwater:

- Fecal Coliform: < 800 colonies/100mL (maximum 30 day geometric mean)
- Total Kjeldahl Nitrogen: < 25mg/L (maximum 30 day average)

The proposed enhanced wastewater treatment systems must have a total separation distance of 6 feet between the bottom of the leach field bed or trench and the seasonally high groundwater.



Chairman
Sublette County Board of Commissioners
October 8, 2007

If the proposed individual sewage disposal system exceeds 2000 gallons per day then the system will be required to be permitted under the Chapter 16 Underground Injection Control Programs Water Quality Rules and Regulations.

Individual enhanced treatment system owners are required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements and recommendations and the permit conditions. Authority for this requirement is found in Sections 11 (a) and (c), Chapter 3 of the Wyoming Water Quality Rules and Regulations. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statue 35-11-301.

Findings as to the safety and adequacy of the proposed water system:

WDEQ has reviewed the proposal of Individual on-lot water well for each water system. The WDEQ finds that the wells should be drilled and constructed approximately 150 to 250 feet. The on-lot water wells must be constructed to meet or exceed the State Engineer's Office Rules and Regulations, Part III, Water Well Minimum Construction Standards.

Conclusion(s):

The department has a 'Non- Adverse' recommendation on this proposed subdivision provided that the county and applicant resolve the above mentioned issues under W.S. 18-5-308(c).

Disclaimer:

Nothing in WDEQ's recommendations or comments regarding the subdivider's proposal shall be construed to relieve the subdivider of their obligation to obtain any permits or additional approval from any local state or federal agencies/entities as required by law, rules and regulations, or ordinance. Nothing in these recommendations commits the WDEQ or the delegated county to the issuance of required permits for construction, operation, or modification of water supply and/or wastewater systems. It is the duty of the subdivider/developer to comply with all applicable federal, state and local requirements.

Please do not hesitate to contact me at (307) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Chairman
Sublette County Board of Commissioners
October 8, 2007

Sincerely,



Mark Baron, P. E.
Southwest District Engineer
Water Quality Division
xc:

Mark C. Eatinger, P.E., Rio Verde Engineering, P.O. Box 642, Pinedale, WY 82941
John H. Wetstein, P.E./P.G., Wester Wetstein & Associates, P.O. Box 2202, Laramie, WY 82073
Alan J. Blackburn, P.O. Box 1415, Pinedale, WY 82941
Bart Myers, Planning & Zoning Administrator, Sublette County Planning & Zoning,
P.O. Box 506, Pinedale, WY 82941
Mike Ebsen, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne,
WY 82002

File copies & Chron (3)



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

ARCHIVES

September 11, 2007

Harvey Seidel, Board Chairman
South Thermopolis Water & Sewer District
P.O. Box 204
Thermopolis, WY 82443

RE: Lane 3 Sanitary Sewer Main Extension, Permit Number: 07-517, SE ¼, Section 2, T42N, R95E, Hot Springs County

Dear Mr. Seidel:

This project involves the installation of approximately 595 linear feet of 8-inch sewer main and four manholes to serve Wind River Processing facility and three residential connections. This application has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 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 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Dennis Sinclair, 636 W. Sunnyside Lane, Thermopolis, WY 82443
Heath Overfield, P.E., Engineering Associates, 429 Broadway, Thermopolis, WY 82443

encl: General Permit For an Existing Sewage Collection System

Lander Field Office • 510 Meadowview Drive • Lander, WY 82520 • <http://deq.state.wy.us>

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





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 17, 2007

Randy and Pam Beckman
432 River Road
Alva, WY 82711

RE: Beckman Residential Small Wastewater System, Weston County
Permit # 07-519

Dear Mr. and Mrs. Beckman:

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 requirements also apply:

- A. **Cleanout** – A cleanout is required in the house sewer line between the proposed residential structure and the septic tank.
- B. **Replacement Leachfield** – The replacement leachfield must be located more than 50 feet from the slope break along the draw.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3476. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File

Page 1 of 1





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 15, 2007

Mr. Herman Noe
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003

RE: CATHEDRAL COMMONS, Application No. **07-520**, 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 1790 ft of water lines, 7 new fire hydrants, and 765 ft of sewer lines with 5 new manholes, NW1/4 Section 18 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2012.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-520** 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/7-0711

cc: IPS, Cheyenne

Erin M. Gates, BenchMark Engineers, 1920 Thomes Ave. #620, Cheyenne, WY 82001

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

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
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 15, 2007

Mr. Herman Noe
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003

RE: EMAUSE PROFESSIONAL OFFICE BLDG FIRE HYDRANT,
Application No. **07-521**, 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 a fire hydrant, Lots 1&2, Block 336, Original City of Cheyenne,; 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 18, 2009.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **07-521** 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/7-0712

cc: IPS, Cheyenne

Gary Grigsby, Western Research and Development; 5908 Yellowstone Rd; Cheyenne, WY 82009

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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
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The State
of Wyoming



Dave Freudenthal, Governor

Department of Environmental Quality

John Corra, Director

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

NOTIFICATION OF COVERAGE

August 24, 2007

Rose Peterson
P.O. Box 381
Hulett, Wyoming 82720

RE: Peterson Residential Septic System, Crook County
Permit # 07-522

Dear Ms. Peterson:

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 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 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3473. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development
Randy Gantz, Box 281, Hulett, Wyoming 82720 (no enclosures)

Page 1 of 1





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 24, 2007

Gary Anderson
101 Highway 24
Devil's Tower, Wyoming 82714

RE: Gary Anderson Residential Septic System, Crook County
Permit # 07-523

Dear Mr. Anderson:

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 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 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3473. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development

Page 1 of 1



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-525

REFERENCE PERMITS NO. 81-093, 07-165

ENCAMPMENT WTP BUILDING AND MEMBRANE FILTRATION
PWS WY5600060

This permit hereby authorizes the applicant:

TOWN OF ENCAMPMENT
PO BOX 5
ENCAMPMENT, WY 82325

to construct, install or modify a 45 ft building extension and purchase of two Memcor XS 225 gpm membrane filtration units according to the procedures and conditions of the application number 07-525. No piping, water line construction, or other improvements are permitted. The facility is located in SW ¼ SE ¼ Section 2 T14N R84W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 11, 2012.

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.

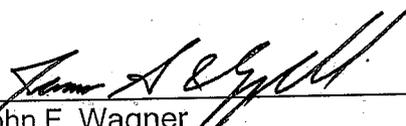
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 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 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 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

Date of Issuance

8/27/07

LBH/rn/7-0745

STATEMENT OF BASIS

1. Permit Number: **07-525**
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 12
3. Does the permit comply with all applicable regulations identified above?
Yes
4. The permit approval is based upon a deviation from applicable regulations in accordance with Section 5. of Chapter 12.
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Chapter 12, Section 5 allows approval of technologies demonstrated by pilot plant operations. The use of Memcor membrane technology to treat the Encampment raw water was successfully demonstrated under Notification of Coverage 07-165.
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 Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on August 27, 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."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

August 31, 2007

Albany County Board of Commissioners
525 Grand Avenue
Laramie, WY 82070

RE: Non-Adverse Recommendation, The Paddocks of Fort Sanders Subdivision
Albany County WDEQ Application #07-526

Dear Commissioners:

The Wyoming Department of Environmental Quality has completed the review of the proposed Paddocks of Fort Sanders Subdivision located in a portion of the Section 21, and a portion of Section 22, T15N, R73W, 6th P.M., in Albany County, Wyoming. The Paddocks of Fort Sanders Subdivision will create 137 lots out of approximately 704 acres. The information was submitted by Aspen-Banner Engineering, signed by Nancy Roof, P.E., a Wyoming Licensed Engineer and CBM Associates, Inc. signed by Robert Garland, a Wyoming Professional Geologist. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

Findings as to the safety and adequacy of the proposed sewage system:

The proposed sewage system is an Orenco AdvanTex Sewer System on each lot. Each lot will have an individual AdvanTex Unit discharging to an on-lot leachfield. All property owners must belong to the Paddocks Improvement District which will be responsible for maintenance and operation of the individual AdvanTex treatment units and leachfields. All construction must be permitted by and constructed to Wyoming Department of Environmental Quality Water Quality Rules and Regulations and Albany County Construction Standards. The information submitted addresses the safety and adequacy of the proposed sewage system, provided compliance with the statements indicated in the "Notes required to be added to the final plat and other pertinent documents."

Findings as to the safety and adequacy of the proposed water system:

The proposed water system is connection to the South of Laramie Water and Sewer District public water supply and distribution system. All construction must be permitted by and constructed to Wyoming Department of Environmental Quality Water Quality Rules and Regulations and City of Laramie Construction Standards. The information submitted addresses the safety and adequacy of the proposed water system, provided compliance with the statements indicated in the "Notes required to be added to the final plat, and other pertinent documents."

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Notes required to be added to the final plat, and other pertinent documents:

1. Each homeowner must maintain membership in and subscribe to sewage treatment operation and maintenance services from the Paddocks Improvement District.
2. All sewage must be treated by an AdvanTex Unit to a total nitrogen level of less than 20 ppm. Equivalent sewage treatment units may be used only with the approval of the Paddocks Improvement District and the Wyoming Department of Environmental Quality.
3. All potable water systems within the Paddocks of Fort Sanders Subdivision must be supplied with water from the South of Laramie Water and Sewer District Public Water Supply system.

Conclusions:

The Department of Environmental Quality has "No Adverse" recommendations applicable to the Paddocks of Fort Sanders Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Paddocks of Fort Sanders Subdivision. Any questions or concerns about the water rights for the Paddocks of Fort Sanders Subdivision should be directed to the State Engineer's Office. The State Engineer's Office has issued a letter dated 27 August 2007 signed by Mike Ebsen that lists certain water rights issues have not been satisfactorily resolved.

Nothing in Department of Environmental Quality recommendations or comments regarding the Aspen-Banner Engineering proposal for the Paddocks of Fort Sanders Subdivision shall be construed to relieve John Evans, David Evans and the Neptune Management Corp. of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Albany County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Please do not hesitate to contact me at (307) 777-7088 if you have any questions regarding this subdivision application or Department of Environmental Quality's subdivision application review process.

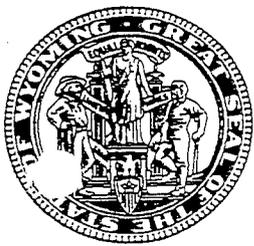
Sincerely,



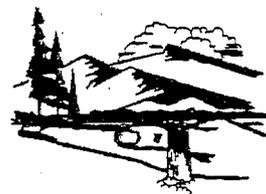
Louis B. Harmon, PE-PG
Southeast District Supervisor
Water and Wastewater Program, Wyoming Water Quality Division

LBH/cs/7-0763

cc: John M. Evans, 3501 Grays Gable Road, Laramie WY 82072
Nancy Roof, Aspen-Banner Eng., 1575 N 4th St, Suite 105, Laramie, WY 82072
Doug Bryant, Director, Albany County Planning Office, 1002 South Third Street,
Laramie, Wyoming 82070
Karl Taboga, CBM Associates, Inc., 920 East Sheridan St., Laramie, WY 82070
Mike Ebsen, SEO



Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

September 11, 2007

Bobby T. Edwards, Chief Engineer
Wigwam Rearing Station
Wyoming Game & Fish Department
39 Wigwam Road
Ten Sleep, WY 82442

ARCHIVES

RE: Wigwam Rearing Station Replacement Leachfield, Permit Number: 07-527, SW ¼, Section 1, T47N, R88W, Washakie County

Dear Mr. Edwards:

This project involves the installation of a replacement leachfield to serve four residential homes and an office building. DEQ understands that the existing leachfield (DEQ permit #05-004) may have failed because than actual soil percolation rates may be slower than what was used for the design. The above application for coverage under General Permit to construct 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 me at 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: Peter Hutchison, States West Water Resources, 1904 East 15th St., Cheyenne, WY 82001
Bruce Frederick, Washakie County, 1001 Big Horn Ave., Suite 104, Washakie, WY 82401
IPS, Cheyenne

encl: General Permit For a Small Wastewater Facility

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(307) 332-5085
FAX 332-7726

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

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

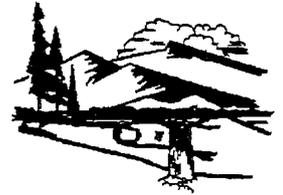
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

September 12, 2007

John Walker
Mill Iron Timberworks
P.O. Box 10970
Jackson, WY 83002

RE: Mill Iron Timberworks Lot 2 Water Line, Permit Number: 07-528, Section 17, T40N, R116W, Teton County

Dear Mr. Walker:

The above application for coverage under General Permit to install 4-inch PVC water line to serve the Mill Iron TimberWorks building on Lot #2 of the Valley View Business Park 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 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: Matt Ostdiek, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001
IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System

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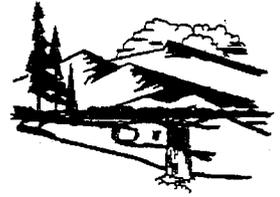
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 12, 2007

Monte Davis, Operations Manager
E&M Investments, LLC
3100 Palisades Drive
Corona, CA 92880

RE: Standard Drywall Lot 4 Water Line, Permit Number: 07-529, Section 17, T40N, R116W, Teton County

Dear Mr. Walker:

The above application for coverage under General Permit to install 4-inch PVC water line to serve the Standard Drywall building on Lot #4 of the Valley View Business Park 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 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: Matt Ostdiek, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001
IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System

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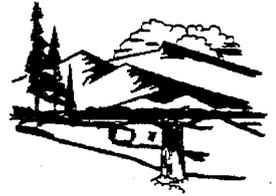
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WATER QUALITY
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 12, 2007

Steve Gieck
Wyoming Mechanical Co.
P.O. Box 2829
Jackson, WY 83001

RE: Wyoming Mechanical Lot 9 Water Line, Permit Number: 07-530, Section 17, T40N, R116W, Teton County

Dear Mr. Gieck:

The above application for coverage under General Permit to install 4-inch PVC water line to serve the Wyoming Mechanical building on Lot #9 of the Valley View Business Park 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 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

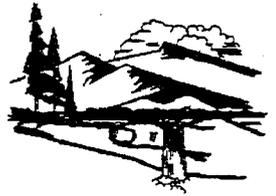
xc: Matt Ostdiek, P.E., Rendezvous Engineering, P.O. Box 4858, Jackson, WY 83001
IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 12, 2007

Gerald Haan, Member Manager
Riverton Woodridge Apartments LLC
380 Franklin Street
Harbor Springs, MI 49740

RE: Riverton Woodridge Apartments Water and Sewer Lines, Permit Number: 07-531,
NE ¼ NW ¼, Section 26, T1N, R4E, Fremont County

Dear Mr. Haan:

This project involves the construction of about 1180 linear feet of 8-inch PVC water line and 780 linear feet of 8-inch PVC sewer line to serve an office and five 8-plex apartments. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; 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 307-332-3144.

Sincerely,

James Brough, P.E.
Northwest District Engineer
Water Quality Division

xc: Christina Wilhelm, P.E., Inberg-Miller Engineers, 124 East Main St., Riverton, WY 82501
Bill Urbigit, City of Riverton, 816 North Federal Blvd., Riverton, WY 82501
IPS, Cheyenne ✓

encl: General Permits For a Public Water Supply Distribution System and Sewage Collection System

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AIR QUALITY
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FAX 332-7726

LAND QUALITY
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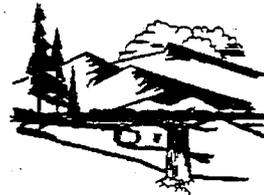
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FAX 332-3183





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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 28, 2007

Josh Corra
Quality Electrical Distribution
1724 Decora Drive
Rock Springs, WY 82901

RE: Rock Springs - King Construction - Water Main Extension - Permit Number 07-532, SE 1/4 Section 4, T18N, R105W, Sweetwater County

Dear Mr. Corra:

The above application for coverage under General Permit to Construct a public water supply distribution system extension consisting of about 95 linear feet (LF) of 8-inch PVC water main to serve a fire hydrant in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section 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
Daren Anderson, P.E., Engineering Services, Inc., P.O. Box 1485, Vernal, Utah 84078

encl: General Permit for a Public Water Supply Distribution System





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 19, 2007

Bob Hooper, Airport Manager
Yellowstone Regional Airport
P.O. Box 2748
Cody, WY 82414

RE: Yellowstone Regional Airport Terminal, Phase 1 Water & Sewer Lines, Permit Number: 07-533, SW ¼ SE ¼, Tract 70, and Lot 60, T53N, R101W, Park County

Dear Mr. Hooper:

This project involves the installation of approximately 5,060 linear feet of 8-inch sewer line, and 2,280 linear feet of 8-inch water line with two fire hydrants and appurtenances to serve a new terminal building. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations is hereby approved with the following condition:

Per Chapter 12, Section 14(i)(i), the water supplier shall require the appropriate backflow prevention devices in accordance with Table 1 which is found in the referenced regulation for all non-domestic commercial or industrial water service connections.

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.
Northwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Tim Wick, P.E., Morrison Maierle, Inc., 315 North 25th St., Suite 102, Billings, MT 59101
Stephen W. Payne, P.E., City of Cody, P.O. Box 2200, Cody, WY 82414

encl: General Permits For a Public Water Distribution System & Existing Sewage Collection System

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(307) 332-3047
FAX 332-7726

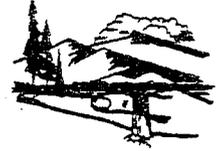
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





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

September 7, 2007

Jared Kopp
146 Prairie Street
Moorcroft, Wyoming 82721

RE: Kopp Residential Septic System, Crook County
Permit # 07-534

Dear Mr. Kopp:

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

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development
Gene Cox, Cox Construction, P.O. Box 609, Moorcroft, WY 82721

Page 1 of 1





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

NOTIFICATION OF COVERAGE

August 17, 2007

Greg Wagner
P.O. Box 868
Moorcroft, WY 82721

RE: Wagner Residential Small Wastewater System, Crook County
Permit # 07-535

Dear Mr. Wagner:

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 requirements also apply:

- A. **Cleanout** – A cleanout is required in the house sewer line between the proposed residential structure and the septic tank.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3476. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County, P.O. Box 848, Sundance, WY 82729

Page 1 of 1





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

October 4, 2007

David L. Youngren
1809 Sugarland Dr.
Sheridan, Wyoming 82801

RE: Candlewood Suites Water and Sewer Extensions Project
Application No. 07-536

Dear Mr. Youngren:

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 November 1, 2008. Please reference Application Number 07-536 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/cs/7-0871

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
Megan Crow, MC2 Engineering, 1101 Sugarview Dr. Ste. 201, Sheridan, Wyoming
82801
Mike Cole, City of Sheridan, PO Box, 848, Sheridan, Wyoming 82801

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

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
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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 19, 2007

John Muransky
1168 McKinney Ln
Pittsburgh, PA 15520

RE: Muransky Residential Septic System
Permit # 07-537

Dear Mr. Muransky:

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 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 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3465. Thank you.

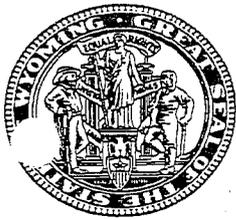
Sincerely,

Karen L. Farley, P.E.
Northeast District Engineer
WDEQ/WQD

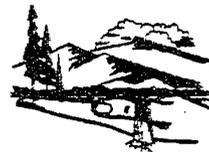
Enclosures: General Permit
Certificate of Completion

cc: Brad Lewis, B and R Backhoe and Industrial Service, P.O. Box 193, Moorcroft, WY 82721
IPS, Cheyenne
WDEQ File





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 29, 2007

Birch Negaard
GN, LLC
P.O. Box 1405
Sundance, Wyoming 82729

RE: Lot 7, GN, LLC, Residential Septic System, Crook County
Permit # 07-538

Dear Mr. Negaard:

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 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.

Additionally, the following project specific conditions also apply:

- A. Number of Bedrooms – This permit is authorized for up to 3 bedrooms. Additional bedrooms may require an increase in the septic tank and/or leachfield. Any modification of the existing septic system will require the submittal of new application for *Permit to Construct*.

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3473. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development

Page 1 of 1





The State
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Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

August 28, 2007

John and Charlotte Sharp
P.O. Box 520
Moorcroft, Wyoming 82721

RE: Sharp Residential Septic System, Crook County
Permit #07-539

Dear Mr. and Mrs. Sharp:

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

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development
Ada Westover, Westover Enterprises, LLC, 1754 D Road, Moorcroft, WY 82721

Page 1 of 1





The State
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Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

October 12, 2007

Chairman
Sheridan County Commissioners
224 S. Main, Suite B1
Sheridan, WY 82801

RE: Spirit Ridge Subdivision, Sheridan County
WDEQ Application #07-540

Dear Commissioners:

Attached, please find comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the subdivision application materials submitted to WDEQ pursuant to Wyoming Statute §18-5-306. The subdivision application was received in this office on August 13, 2007. The Department of Environmental Quality is required by law to respond with comments within 60 days after receipt of the application as described in W.S. §18-5-306 (c). The 60-day time statute as defined in W.S. §18-5-306 has expired. The statute does not allow the extension of the 60-day completion date even with the consent of all parties.

Therefore; if the County Commissioners desire a determination of the safety and adequacy of the proposed water and sewer systems from the Department of Environmental Quality, the developer should re-submit the complete application with the additional information necessary. The submittal will be assigned a new application number with a new 60-day clock.

Please feel free to contact me at (307) 473-3465 should you have any questions related to these comments or the application and review process.

Sincerely,

Karen L. Farley, P.E.
WDEQ/WQD Northeast District Supervisor

Attachments: WDEQ Comments

cc: Randy Deones, Spirit Ridge, LLC, Box 369, Buffalo, WY 82834
Thomas J. Pilch, PE/PG, Pilch Engineering, 41 E. Burkitt Street, Sheridan, WY 82801
Bruce Yates, P.E., Sheridan County Engineer, 224 S. Main Street, Suite B8, Sheridan, WY 82801
Mike Ebsen, SEO
WDEQ File



**SUBDIVISION PROGRAM
REVIEW OF PLANS & SPECIFICATIONS / REPORTS**

**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
152 North Durbin Street, Suite 100
Casper, Wyoming 82601
Phone (307) 473-3465**

PROJECT: Spirit Ridge Subdivision

LOCATION: Sheridan County

ENGINEER: Thomas J. Pilch, PE/PG, Pilch Engineering, 41 East Burkitt Street, Sheridan, WY 82801

OWNER/REPRESENTATIVE: Randy Deones, Spirit Ridge, LLC, P.O. Box 369, Buffalo, WY 82834

WATER QUALITY DIVISION APPLICATION NUMBER: 07-540

TITLE: Subdivision Application to the State of Wyoming Department of Environmental Quality for the Spirit Ridge Subdivision, Sheridan County, Wyoming

DATE ON PROPOSAL/PLANS/REPORT: August 2007

DATE RECEIVED BY DEQ: August 13, 2007

DATE OF THIS REVIEW: October 12, 2007

WDEQ REVIEWER: Karen L. Farley, P.E.
Kim J. Medina, P.G.

ACTION: **ADVERSE RECOMMENDATION –**
Application is Incomplete and/or contains errors.

This review may not include all deficiencies and shall not be construed as a complete comprehensive list.

WDEQ COMMENTS

Safety and Adequacy of Proposed Sewage System

1) Chapter 23 of the Wyoming Department of Environmental Quality, Section 7 (d), states the following:

“In addition to the information required in part (a)(i) of this section, applications proposing the use of on-lot sewage systems shall contain information to document the following:

- (i) Separation of the drainfield relative to groundwater and impervious soils will meet or exceed the minimum standards established in Chapter 11, Part D, Section 36 (c) of Wyoming Water Quality Rules and Regulations.*
- (ii) Soil percolation rates will meet or exceed the minimum standard established in Chapter 11, Part D, Sections 36 (d) and 38 (b) of Wyoming Water Quality Rules and Regulations.*

To determine the proximity of groundwater and impervious soils, five exploratory borings were drilled, with temporary wells being installed in three of the borings. From these borings, it was determined that groundwater within the subdivision ranges from 6-7 feet along the southeastern part of the subdivision to 15 feet along the southern side and greater than 40 feet in the northern and western sides. The groundwater encountered was tested and results indicated the presence of Total Coliforms and E. Coli. The consultant states that these contaminants may have been introduced during the drilling process; however, this question should be re-examined to determine if the contaminants are actually present in the shallow groundwater.

In addition to the five exploratory borings, the consultant performed four percolation tests, with results ranging from 58 minutes per inch (mpi) to 480 mpi. By regulations, conventional septic systems utilizing a septic tank and leachfield are not allowed with percolation rates higher than 60 mpi. The consultant has recommended the use of a 2' to 4' layer of sand underneath the leach rock. Due to the close proximity of the groundwater to the surface in some areas, and the use of wells in the area that utilize this aquifer for domestic use, the consultant will need to provide confirmation that the treatment system proposed is capable of treating the water to the standards described in Chapter 23 Section 7 (viii)(C), as well as the information required in Chapter 23 Section 7 (viii)(E).

2) In addition, please provide further information on the statement ““Due to the size of the lots and logistics of the municipal water and sewer, the proposed subdivision will use individual on-site septic systems and on-site water wells.” This statement does not fully describe why this subdivision cannot connect to the existing water and sewer systems. Because of the soil limitations and presence of groundwater, it appears that it would be preferable that this subdivision be connected to the existing sewer system.

Safety and Adequacy of Proposed Water System

1) Chapter 23, Section 8 (a)(iv) requires the following: *“List of all surface and groundwater rights which will be used or which may be affected, including state engineer application and permit numbers and description of expected effect;”* and (v) *“Plans for the mitigation of water right conflicts resulting from the use of water within the proposed subdivision.”*

The consultant states that this information will be submitted under separate cover, however, this department has not received this information.

2) Chapter 23, Section 8 (d) requires that information pertaining to the quantity and quality of the proposed water source be provided. The consultant stated that analytical data would be provided at a later time from a neighboring well, but we have not received this information to date. In order to address the question of both water quantity and quality, it is recommended that a test well be drilled within the subdivision area. A permit must be obtained through the State Engineer’s Office prior to drilling any test well.

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 16

CLASS V INJECTION WELL

(X) New

Permit Number UIC 07-542

() Modified

UIC Facility Number WYS-

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 16.

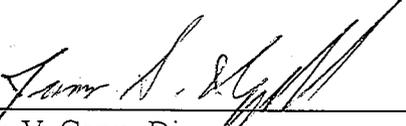
Applicant: Beneterra, LLC
1415 N. Main Street
Sheridan, WY 82801
(307) 673-0607

Beneterra, LLC, hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the Dutch Creek North in Section 13, Township 56 North, Range 83 West, and Sections 18, 19, 20, and 29, Township 56 North, Range 82 West, 6th Principal Meridian, Sheridan County, according to the procedures and conditions of application 07-542 and requirements and other conditions of this area permit.

This permit shall become effective on date of issuance.


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

10/3/07
Date


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

10/4/07
Date

KDF/cs/7-0861

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A. Discharge Zone

The Dutch Creek North Project is authorized to inject into the alluvial deposits adjacent to Dutch Creek, a perennial stream in northern Sheridan County. Dutch Creek is tributary to the Tongue River.

B. Well and Area of Review

The injection wells associated with the Dutch Creek North Project authorized by this area permit are located as follows:

There are ten irrigated fields associated with this project located in parts of section 13, Township 56 North, Range 83 West, and sections 18, 19, 20, and 29, Township 56 North, Range 82 West, 6th Principal Meridian. Each of these fields is authorized as an injection well. The locations of the approximate center of each field are listed in Table 1 below. Maps showing the project location and the layout of the irrigated fields are presented in Figures 1 through 6 of Application for Underground Injection Control Permit for Dutch Creek North Subsurface Drip Irrigation Project. The injectate will be sampled at the surge pond which is located in the NWSWSE of section 18, Township 56 North, Range 83 West, 6th Principal Meridian.

Table 1 (Field Locations)

Field Identification	Location of Field Center
B-1	NWSWNE, Section 13, T. 56N, R. 83W
B-2	SENESE, Section 13, T. 56N, R. 83W
B-3	SESESW, Section 18, T. 56N, R. 82W
B-4	NESWNE, Section 19, T. 56N, R. 82W
B-5	NWSWSW, Section 20, T. 56N, R. 82W
B-6	SWNENW, Section 29, T. 56N, R. 82W
P-1	NENWNW, Section 19, T. 56N, R. 82W
P-2	SWNESW, Section 19, T. 56N, R. 82W
P-3	SWSWNE, Section 19, T. 56N, R. 82W
P-4	NESESE, Section 19, T. 56N, R. 82W

The Area of Review around these systems is described as follows:

The area of review includes all portions of the aquifer which will be affected in a measurable way within ten years of granting the permit. The Dutch Creek North area of review was calculated based on the following:

- Direction of groundwater flow;
- Proximity of the project to hydrologic boundaries (i.e., bedrock outcrops and subcrops, Dutch Creek, etc.); and
- Monthly water balance calculations.

The water balance calculations were computed for each of the ten proposed fields on a monthly basis for the ten year duration of the operation and included the following assumptions:

- Monthly precipitation rates based on historical data from Sheridan, Wyoming,
- Average vadose zone thickness and porosity for each field based on observations made during site investigation,
- Monthly evapotranspiration rates of the irrigated crop estimated using the Blaney-Criddle method,
- Monthly irrigation rates specific to each field,
- Average water holding capacity,
- Average rooting zone depth, etc.

Detailed explanation of the water balance calculations and assumptions is presented in the Application for Underground Injection Control Permit for Dutch Creek North Subsurface Drip Irrigation Project.

The Area of Review around these systems is described as follows:

- In the 6th Principal Meridian:
- SESWSW, S ½ of SESW, SWSWSE, Section 12, Township 56 North, Range 83 West;
- NENWNW, SENWNW, NESWNW, SESWNW, NENW, SENW, NWNE, SWNE, SENE, SWNENE, NWNESW, NENESW, NWSE, NESE, NWSESE, NESESE, Section 13, Township 56 North, Range 83 West;
- NENENE, SENENE, Section 24, Township 56 North, Range 83 West;
- NWSWNW, SWSWNW, NWNWSW, SWNWSW, SENWSW, SWNENW, SENWSW, SWSW, SESW, SWNWSE, SWSESE, SWSESE, Section 18, Township 56 North, Range 82 West;
- NWNW, NENW, SENW, NWNE, SWNE, SENE, NWNENE, SWNENE, NWSE, NENS, SESE, NESWSE, NWSWSE, SESWSE, Section 19, Township 56 North, Range 82 West;
- SWSWNW, SESWNW, SWSENW, NWSW, SWSW, SESW, NWNESW, SWNESW, Section 20, Township 56 North, Range 82 West;
- NWNWNW, NENWNW, SENWNW, NENW, SENW, NESWNW, SWSWNE, NWNWSE, NENESW, NWNESW, Section 29, Township 56 North, Range 82 West.

C. Groundwater Classification

Fifteen monitor wells were installed in the project area, fourteen of which were used to characterize the groundwater. Water quality analyses indicate the groundwater beneath the proposed operation is a mixture of Class III and Class IV in accordance with Wyoming Water Quality Rules and Regulations, Chapter 8. Ambient water quality exceeds Class I and Class II standards for TDS and Sulfate (Table 1- Chapter 8) in all groundwater quality samples. Three of the samples indicate class IV groundwater: two of these are immediately adjacent to Dutch Creek with relatively shallow completions (20-40 ft bgs); the third is located in an ephemeral side drainage and has a relatively deep completion (70-100 ft bgs).

D. Authorized Operations

The permittee is authorized to inject 1.68 million gallons per day of produced coalbed methane water through the Dutch Creek North Project. The produced water originates from coal bed methane wells completed in the Smith, Dietz 1, Dietz 3, Monarch and Carney coal seams. Water migrating from the drip irrigation system shall not enter into Dutch Creek or any of its tributaries.

E. Hazardous Waste

This permit does not allow for the injection of any hazardous waste as defined in 40 CFR 261.3 and in Wyoming Solid Waste Management Rules and Regulations, Chapter 2. Injection of any substance defined as a hazardous waste, whether hazardous by listing or by characteristic is a violation of this permit.

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes: effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

The facilities covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16. A "UIC Construction Notification" form (available on the WDEQ's groundwater website at <http://deq.state.wy.us/wqd/groundwater/index.asp>) shall be submitted to the Groundwater program in Sheridan upon completion of construction of all or any portion of the project prior to placing that portion of the project into operation. The operator shall also submit detailed "as-built" drawings of the facility upon completion. The drawings shall include all surge ponds, piping, manifolds, a general layout of the drip tape, etc.

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator. Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued. Injection into a well may not begin until the permit is approved, construction of that well is complete and WDEQ/WQD has either inspected the well or waived its option to inspect the well.

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the

sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.
4. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The time(s) analyses were initiated;
 - e. The initials or name(s) of the individual(s) who performed the analyses;
 - f. References and written procedures for the analytical techniques or methods used;
 - g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified decommissioning procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
 - c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
9. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 30 days following each schedule date.

I. Requirements for Monitoring the Discharge.

1. The permittee shall monitor the quantity and quality of the injected fluid on the schedule listed in Table 2 below.

Table 2 (Injected Fluid Sampling Schedule)

Sampling and Reporting Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL*
Quarterly 12/31; 3/31; 6/30; 9/30	Total Volume discharged to each field (B-1, B-2, B-3, B-4, B-5, B-6, P-1, P-2, P-3 P-4)	Duration of flow, pressure and valve capacity	The volume of flow from all ten fields combined shall not exceed 1.68 million gallons/day
Annually 12/31	Total Dissolved Solids (sample to be collected at the surge pond)	EPA 160.1	5,000 mg/L

2. The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in Table 3.

Table 3 (Groundwater Sampling Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Monthly	Quarterly (3/31; 6/30; 9/30; 12/31)	Depth to static water (ft)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Depth to static water (ft)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Total Dissolved Solids	EPA 160.1	5,000 milligrams/liter
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Total Dissolved Solids	EPA 160.1	5,000 milligrams/liter
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sulfate	EPA 300.0	3,000 milligrams/liter
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Sulfate	EPA 300.0	3,000 milligrams/liter
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Chloride	EPA 300.0	2,000 milligrams/liter
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Chloride	EPA 300.0	2,000 milligrams/liter
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)

MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	pH	EPA 150.1	6.5 – 8.5 standard units
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	pH	EPA 150.1	6.5 – 8.5 standard units
MW16A-19, MW10-19, MW7-19, MW4-19, MW15-19, MW3-19	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)
MW8-13, MW10-13, MW9-13, MW14-18, MW16-19, MW4-29, MW3-19, MW15-18	Annually	Annually (12/31)	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)

3. The surface water shall be sampled and the following parameters analyzed according to the schedule identified in Table 4.

Table 4 (Surface Water Sampling Schedule)

SURFACE WATER STATION NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL*
DCSW-1, DCSW-2, DCSW3.	Monthly	Quarterly 3/31; 6/30; 9/30; 12/31	Surface water elevation	Survey or Staff Gage	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Flow	USGS accepted method	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Total Dissolved Solids	EPA 160.1	None (tracking purposes: surface water protection)

DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sulfate and Chloride	EPA 300.0	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Alkalinity as Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)
DCSW-1, DCSW-2, DCSW3.	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	pH	EPA 150.1	None (tracking purposes: surface water protection)

5. If construction and operation of fields proceeds in a staged manner, the monitoring locations associated with that field shall be sampled during the first quarterly event after construction of the field. The operator shall notify the WDEQ upon construction of each field. Table 5 lists which monitoring locations shall be monitored after construction of the field.

Table 5 (Monitoring locations associated with each field)

Field Identification	Monitoring Locations
B-1	MW3-13, MW8-13, MW10-13
B-2	MW9-13
B-3	MW14-18, MW15-18
B-4	MW7-19
B-5	MW16-19
B-6	MW4-29
P-1	MW4-19, DCSW-3
P-2	MW3-19, DCSW-3
P-3	MW7-19, DCSW-2
P-4	MW10-19, MW15-19, DCSW-1

All chemical parameters listed in this permit are expressed in mg/L unless otherwise noted. The parameter pH is expressed in standard units. The permittee shall use the above listed analytical methods unless an alternate method is first approved by the Water Quality Division.

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

The requirements for monitoring the discharge, groundwater and surface water listed in Table 2, Table 3, and Table 4 shall be submitted to the following address: WDEQ, Groundwater Program, UIC Coordinator, Herschler Building 4W, 122 West 25th Street, Cheyenne, Wyoming. A copy of the data shall also be

supplied to the WDEQ, Sheridan field office at the following address: WDEQ, Groundwater Program, 1866 South Sheridan Ave., Sheridan, WY 82801.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year. All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well abandonment. After that time, those records shall be delivered to the Administrator for disposal or archive at his discretion. Reports of compliance or noncompliance with, and any progress reports on, interim and final requirements contained in any compliance schedule shall be submitted no later than thirty (30) days following each schedule date. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator within twenty-four (24) hours, and a written submission (via certified mail) shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

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

This permit will be reviewed at least once every five (5) years, and may be reviewed more frequently. A permit may be modified at any time as may be required, including for conformity with changes in regulations or standards which occur after the permit was issued. A permit may be modified in whole or

part in order to apply more or less stringent standards; or prohibitions for toxic or other substances present in the permittees discharge as may be ordered by the Environmental Quality Council.

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.
2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.
3. The injection systems covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12. Groundwater monitoring wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

N. Duties of the Permittee

The permittee shall give advance notice to the Administrator as soon as possible of any planned physical alteration or additions, other than authorized operation and maintenance, to the permitted facility and receive authorization prior to implementing the proposed alternation or addition. The permittee shall furnish the Administrator within a reasonable time any information which the Administrator may request to determine whether cause exists for modifying, revoking, or reissuing, or terminating this permit, or to determine compliance with this permit; and to furnish to the Administrator upon request, copies of records required to be kept by this permit. Any modification which may result in a violation of a permit condition shall be reported to the Administrator, and any modification that will result in a violation of any permit conditions shall be reported to the Administrator through the submission of a new or amended permit application. The permittee shall report all instances where he becomes aware that he failed to submit any relevant facts in the permit application, or where he submitted incorrect information in a permit application or in any report to the Administrator, and shall promptly submit such facts or information.

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

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

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

for submitting false information, including the possibility of fine and imprisonment for knowing violations.”

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

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

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

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

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

1. The authorization is made in writing by one of the prescribed principals;
2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
3. The written authorization is submitted to the Administrator.

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

P. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 16 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

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

Q. Permit Transfer

Any transfer of this permit shall be accomplished by the submission of the proper forms for permit transfer to the Administrator. Transfer of this permit must first be approved by the Administrator and the Director. No transfer shall be approved unless the proposed permittee agrees to bring any and all noncompliance issues into compliance with this permit. The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

R. Property Rights

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

S. Severability

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

STATEMENT OF BASIS FOR A UIC PERMIT

- I. General information.
- A. Permit Number: **07-542**
- B. Facilities Covered: The Beneterra, LLC., Dutch Creek North (subsurface irrigation system) is located adjacent to Dutch Creek (a perennial drainage) in northern Sheridan County, Wyoming. These facilities will inject produced coal bed methane water into the alluvial and colluvial deposits at depths up to 10 feet. The system is designed to inject up to a capacity of 1.68 million gallons per day. Because of the nature of this water, the permit has been written to allow up to this capacity.
- C. Class of Facility: 5F2 (Under Chapter 16)
- II. Application reviewed for compliance with the following regulations. (Indicate yes or no for each section.)
- | | | | |
|---------------|-----|---------------|-----|
| A. Chapter 8 | Yes | D. Chapter 12 | No |
| B. Chapter 9 | No | E. Chapter 13 | No |
| C. Chapter 11 | Yes | F. Chapter 16 | Yes |
- III. Basis for issuing permit. (Indicate yes or no for each section.)
- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.
- Yes
- B. Permit based on deviation from applicable regulations in accordance with approved policy statement.
- No
- IV. Facilities not specifically covered by regulations. (Indicate the section number of the regulations and briefly summarize the regulation.)

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations Chapters 8 and 16. Groundwater beneath this proposed facility is classified as a mixture of Class IV and Class III. Groundwater monitoring is proposed for this site to protect groundwater and surface water. This permit provides for a total flow capacity of 1.68 million gallons per day.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

A. The applicant has been provided with a draft permit prior to the permit being issued.

B. A Public Notice has been issued with a public notice period starting August 31, 2007 and ending on October 1, 2007. (Thirty day notice is required by Chapter 16.) This notice was published in the Sheridan Press on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Ursula Williams, P.G # 1503, Groundwater Program, North District Senior Analyst, and completed on August 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-543

Bridger Coal Company -Sewage Lagoon for Underground Mine Office Complex -Sweetwater County

This permit hereby authorizes the applicant:

Pat Akers, General Manager
P.O. Box 68
Points of Rocks, WY 82942

to construct a 510X150X5 feet non-discharging sewage lagoon for a proposed office, warehouse and bathhouse to service the Bridger Coal Company underground mine, according to the procedures and conditions of the application number 07-543. The facility is located at NW1/4, Section 13 T.21N.,R. 101W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 15, 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.

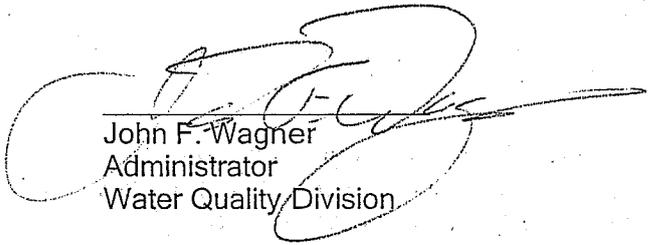
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

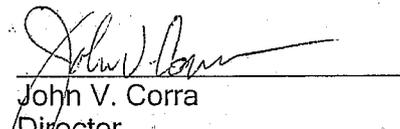
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, 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.

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

10/17/07
Date of Issuance
PDR/DRM/cs/7-0892
JKL 10-15-7

STATEMENT OF BASIS

1. Permit Number: 07-543
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. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Groundwater protection will be achieved by constructing a three foot compacted clay lagoon liner with a permeability equal to or less than 10^{-7} cm/sec as per Chapter 11, Section 18 (e).
5. Documentation of Statement of Basis: The archive file for this permit 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 Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Perry D Roberson, Consulting Engineer, prober2@state.wy.us and approved by Mark D Baron P.E, and completed on 10/15/07. 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: Chuck Sykes
Sweetwater County Environmental Services, 550 Uinta Drive, Suite D
Green River, WY 82935
Cristina D. Willhelm, Inberg-Miller Engineers, 124 E Main, Riverton, WY 82501

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

PROJECT: A. Pratt Residence Septic System

LOCATION: SW¼ SW¼, Section 15, T12N, R86W, **Carbon County**

ENGINEER: Harold Schlicht, P.E. / reviewed by Timothy S. Travis, P.E.
NorthWest Colorado Consultants, Inc.
2580 Copper Ridge Drive
Steamboat, Colorado 80487
Ph: (970) 879-7888

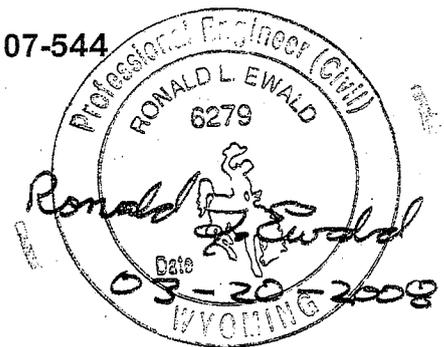
APPLICANT: Three Forks Ranch
Attn. Cary Hamilton, Owner
Box 776021
Steamboat, Colorado 80477
Ph: (970) 846-4276

WATER QUALITY DIVISION REFERENCE NUMBER:

07-544

REVIEWING ENGINEER: Ronald L. Ewald, P.E.
Phone: (307) 777-6183

DATE OF REVIEW: March 20, 2008



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Septic Tank **Approved** - the concrete septic tank submitted has been re-evaluated using our most recent criteria for approved septic tanks in Wyoming, and is now approved.
2. Type of System Still in Question - is the system truly an all gravity system, or is it a dosing system with a dosing tank, pump, and pressure line somewhere in the system?

Gravity System Problems - if this is an all gravity system then the D-box in the mound would have to be slightly above the distribution pipes by a few inches. This means the inflow pipe to the D-box from the septic tank (at 2%) would have to be suspended in the open air more than a foot above the ground surface outside of the mound (see sketch included). To be convinced that this is an all gravity system with no exposed pipe anywhere along the line the following information will need to be provided:

Invert Elevation of Pipe @ Ground Surface Elevation @

House Cleanout
Sewer pipe entering septic tank
Effluent pipe leaving septic tank
90° bend in pipe near leachfield
Effluent pipe entering D-box

And also the elevation of the top of the mound directly above the D-box.

If this information can be provided and it makes sense then this system can be permitted as a gravity system. However, if this is not truly an all gravity system, it is back to the "Dosing System".

Dosing System Incomplete Design Information - previously in Appendix B in items 3) and 5), a dosing tank and 2" diameter pressure line from the pump to the distribution box were mentioned as being part of this project. However, these components do not show up anywhere else, such as on the site plan or in the design calculations. Therefore, the question remains, is there or is there not, a dosing tank, pressure line, and pump included as part of this septic system? If so, all of these components need to be included in the design calculations and shown on the site plan, in the detail sheets, and so on. A design addendum package for a wastewater pumping system is included for your convenience.

Enclosures: Mound Cross-section with effluent pipe suspended in open air
Wastewater Pumping System Design Addendum package

RLE/rm/8-0227



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 21, 2007

Travis and Jyll Hansen
P.O. Box 143
Saratoga, Wyoming 82331

RE: Hansen Ranch Septic System, Application No. **07-545**
Location: SW¼, Section 31, T18N, R83W, Carbon County
Mountain View Estates, Lot #5, Block #3

Dear Mr. and Mrs. Hansen:

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 septic tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 20, 2009. Please reference Application Number **07-545** in any future correspondence.

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

Sincerely,

Ronald L. Ewald, P.E.
Consulting Engineer
Southeast District, Water Quality Division

RLE/rm/7-0728

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Carbon County Planning Director, Lou Kline, 215 W. Buffalo Street, #304,
P.O. Box 487, Rawlins, Wyoming 82301





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

November 21, 2007

James Haider, PE
PureTech, LLC
PO Box 4822
Helena, MT 59604

RE: PureTech CBM Water Treatment Pilot Project, Permit # 07-546

Dear Mr. Haider:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, 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.

The following items need to be submitted to WDEQ/WQD CBM Group:

1. A complete set of as-built drawings including all piping in the building and connecting to the pits/discharge;
2. A monthly (weekly during initial start-up) report including onsite and lab analytical data relating to the facility's performance for meeting the discharge requirements (influent and effluent Na, Ca Mg, SAR, EC), treatment/discharge volumes, any problems with the system and what has been done to correct them, or a notification that the plant has not been operating;
3. A laboratory analysis of any wastes generated at the facility and information regarding any disposal of wastes including prior notification of when and where the material is to be disposed;
4. A site specific O&M manual and an operator daily checklist prior to full start up. This should include operational protocols to prevent discharge violations for when the plant is operating out of compliance.
5. Immediate notification to WDEQ/CBM Group of any violations, exceedences, upsets, or incidents relating to the facility and its operation.

Please provide notification of start-up a week prior to initial processing of CBM water. If you have any questions please contact Dennis Lamb at 152 North Durbin, Casper, WY, 82601, (307) 473-3452 or dlamb@state.wy.us. Thank you.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis Lamb", written in a cursive style.

Dennis Lamb
CBM Group Supervisor
DEQ/WQD

cc: IPS Cheyenne



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 22, 2007

Harry Pauli
PO BOX 186
BURNS, WY 82053-0186

RE: PAULI ADDITION LIFT STATION, Application No. 07-549,
Laramie County

Dear Mr. Pauli:

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 gravity sewer line, lift station and 2" diameter force main, vacated block 27, lot 71, First Addition, Town of Burns; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by September 15, 2010.

The following conditions are attached to this notification of coverage:

1. All work shall conform to the Wyoming Public Works Standard Specifications, 2001 Version.
2. The minimum depth of bury for the force main shall be 5.0 feet below the finished ground surface.
3. As-built plans shall be prepared and signed by the engineer and submitted to the Town of Burns and the Water Quality Division as part of the certificate of completion.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 07-549 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/7-0732

cc: IPS, Cheyenne
Peter J. Carlson, Short Elliott Hendrickson Inc., 390 Union Blvd., Suite 630, Lakewood, CO 80228

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

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
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-550R

Fremont County Youth Camp Spring Improvements
Public Water System #WY5600389

This permit hereby authorizes the applicant:

Ron Cunningham
Fremont County Youth Camp Board of Directors
P.O. Box 470
Lander, WY 82520

to redevelop a public drinking water source that had been identified by EPA as potentially under the direct influence of surface water, according to the procedures and conditions of the application number 07-550R. The facility is located about 15 miles southwest of the Town of Lander within NW ¼, Section 4, Township 41 North and Range 101 West in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 31, 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.

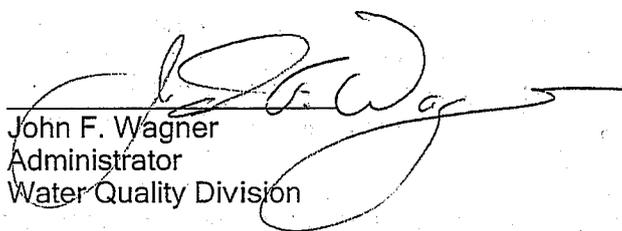
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

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.

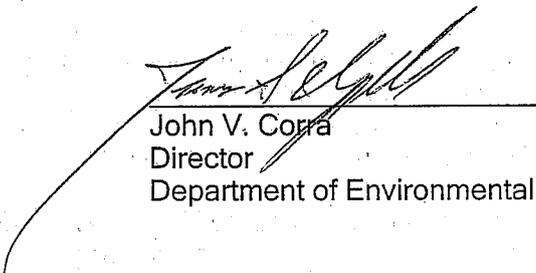
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

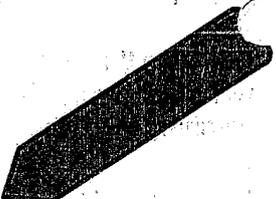
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Dr., Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to 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.
- 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

9-14-07
Date of Issuance
JSB/jsb/cs/7-0792


John V. Corra
Director
Department of Environmental Quality



STATEMENT OF BASIS

1. Permit Number: 07-550R
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. 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.
Public water supplies 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 Brough, jbroug@state.wy.us, Northwest District Engineer and completed on September 11, 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: Pendleton, P.E., Fremont County, 450 North 2nd, Rm. 220, Lander, WY 82520
William J. Masson, P.E., Fremont County, 450 North 2nd, Rm. 310, Lander, WY 82520

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