

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-551

Deer Haven Water System Improvements
PWS# WY5600565

This permit hereby authorizes the applicant:

Mr. Jim McCotter
PO Box 86
Ten Sleep, Wyoming 82442

to construct, install or modify a water system upgrades, including new waterlines, freeze protection, and chlorination facilities, according to the procedures and conditions of the application number 07-551. The facility is located in NW1/4 Section 6, Township 48 North, Range 86 West in the county of Washakie, and in SE1/4 Section 31, Township 49 North, Range 86 West in the county of Big Horn, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 31, 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.

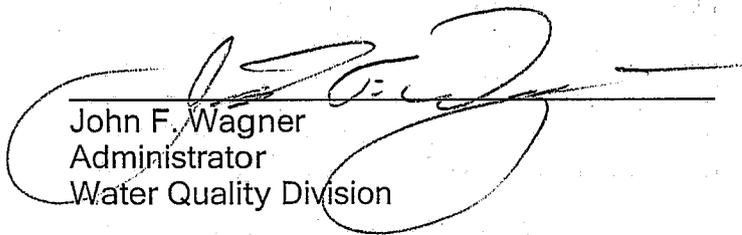
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast 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.

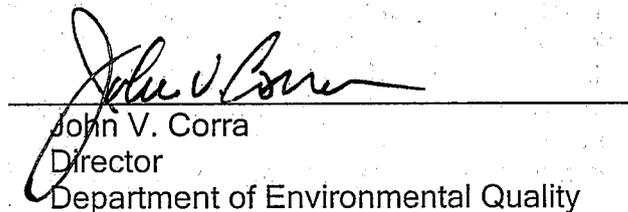
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

9/4/07

Date of Issuance

KJF/cs/7-0760

STATEMENT OF BASIS

1. Permit Number: 07-551
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. The permit approval is based upon a deviation from applicable regulations in accordance with Section 5 of Chapter 12.
4. Facilities not specifically covered by regulations
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Chapter 12 Section 14(b)(i) specifies a minimum normal working pressure of 35 psi. Chapter 12 Section 14(f) requires waterlines to be buried, with sufficient cover to protect them from freezing.
 - b. Briefly state the basis for the deviation.
The one area slightly too high in elevation to meet the minimum normal pressure will include a check valve as additional protection. Terrain and soil conditions make sufficient burial difficult. New distribution lines with insufficient burial depth for freeze protection will be cased and heat taped. The unburied transmission main will include a constant bypass flow to keep from freezing. The applicant has also committed to additional protection and repair measures, and regular inspections and documentation, for the unburied transmission main.
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
not required
6. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Kevin Frank, Engineering Consultant, and completed on August 31, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

August 24, 2007

Justin Harr
Square Builders
P.O. Box 653
Moorcroft, Wyoming 82721

RE: Spec Home Residential Septic System, Lot 2, Block 1, Buckmiller Subdivision, Crook
County
Permit # 07-552

Dear Mr. Harr:

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. Transfer of Ownership – A *Transfer of Ownership* form must be completed and submitted to this office within 30 days after sale of the property.
- B. 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*.

Page 1 of 2



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



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 21, 2007

Cheryl Niles
P.O. Box 4003
Gillette, WY 82717

RE: Savageton Bar Small Wastewater System, Campbell County
Permit # 07-553

Dear Cheryl:

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

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

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Keith Bowar, Campbell County, 500 South Gillette Ave., Suite 1500, Gillette, WY 82716
Corky Stetson, P.E., Stetson Engineering, Inc., P.O. Box 457, Gillette, WY 82717





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 6, 2007

Christopher Williams
P.O. Box 3946
Gillette, Wyoming 82717

RE: Williams Residential Septic System, Crook County
Permit #07-554

Dear Mr. Williams:

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



AS-BUILT
PERMIT TO CONSTRUCT

∟ New (conversion well)

PERMIT NO. 07-555

Basin Electric Power Cooperative Temporary Water Supply Well #1

This permit hereby authorizes the applicant:

Basin Electric Power Cooperative
Attention: Wayne Backman
1717 East Interstate Avenue
Bismark, ND 58503-0564

to have constructed and installed a water supply well for the Dry Fork Station and now convert it to a public water supply well during the construction phase of the power plant according to the procedures and conditions of the application number **07-555**. The well is located about 8 miles north of Gillette and adjacent to the Western Fuels Wyoming Dry Fork Coal Mine. The legal location for the well is: SE/4 SW/4 Section 13, Township 51N, Range 72W, in Campbell County, Wyoming.

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

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

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

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

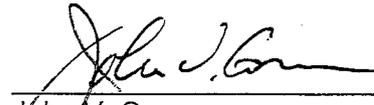
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations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

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9/13/07
Date of Issuance

DRM/cs/7-0800

AK 9/12/7
cc: Mike Evers, WWC, 1849 Terra Avenue, Sheridan, WY 82801
Karen Farley, DEQ, Casper Office

STATEMENT OF BASIS

1. Permit Number: 07-555
2. Application reviewed for compliance with the following regulations:
Chapter 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?

No.

The well does not comply with Chapter 12 Section 9 Part (b) (iii) (C) (IV) regarding a two inch minimum of grout around the casing. Approximately 1.9375 inches of grout surrounds the well casing. This is 96.875 % of the minimum required by rule. This will be acceptable based upon the temporary nature of the well and being within 3% of the grout standard.

The well was not checked for alignment pursuant to Chapter 12 Section 9 Part (b) (ii) (B). Significant alignment issues typically result in a shorter pump life. The applicant is willing to assume this risk.

4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3?

Not applicable.

5. Circumstances Requiring an As-Built Permit:

The well was originally drilled and completed to provide water to drill a water supply well for the Dry Fork Power Plant. A temporary water source is now needed during the construction phase of the power plant (approximately 3 years) to provide for domestic use in sinks and toilets. Drinking water will be provided by bottled water. A permanent public water supply well for the completed power plant will be designed and permitted at a later date.

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 Don McKenzie, Water & Wastewater Section Manager, and completed on September 12, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents and the items identified in this "Statement of Basis."



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

August 28, 2007

Chairman
Campbell County Board of Commissioners
500 South Gillette Ave, Suite 212
Gillette, WY 82716

RE: **Non-Adverse Recommendation**
Fox Ridge Subdivision, WDEQ Application #~~07-556~~

Dear Mr. Chairman:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision application pursuant to Wyoming Statute 18-5-306. The subdivision is located in the NW ¼ and N ½ of the SW ¼ of Section 23, Township 49 North, Range 73 West of the 6th Prime Meridian, Campbell County, approximately 8 miles southwest of Gillette, Wyoming. This letter constitutes our conclusions regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of Wyoming Statute 18-5-306(c).

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

The subdivision is currently proposed to encompass 41 residential, single-family lots, all a minimum of 5 acres in size. The proposed sewage disposal system is to use on-site septic tanks and absorption fields. Thirty percolation test holes were dug throughout the proposed subdivision and reported soil percolation rates ranges from 10 minutes per inch to 40 minutes per inch. For soils that exhibit percolation rates between 6 and 45 minutes per inch (mpi), the maximum slope on which an absorption system may be constructed is 20%. The consultant states that slopes throughout most of the subdivision ranges between 5 and 10%, with "...increased slope angles in the center of the subdivision along the ridge (hill). However, each of the lots that have part of this ridge within its boundary also contain sufficient minimum slope area for proper leachfield placement."

The consultant states that depth to groundwater is over ten feet below ground surface and depth to an impervious layer is estimated to be 40 to 45 feet below ground surface. As a result, the consultant further states that the required 4' separation between the bottom of the leachfields and groundwater and/or impervious soil will be met.

The WDEQ has reviewed the information submitted and is satisfied that the use of on-site small wastewater systems is feasible. Since Campbell County has been delegated by the WDEQ to issue small wastewater system permits, it is the County's responsibility to ensure, prior to issuing the permits, design standards and requirements of this report are met.

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

The water system for this subdivision is proposed to be a central water supply, utilizing a single well as its source. The well, Fox Ridge #1, has been drilled and is in the final stages of being tested for all the requirements defined



in WDEQ's Chapter 12 – Source Development. The information submitted to date shows that the well has adequate quantity and quality for providing water to the subdivision.

The consultant states that the design of the transmission lines, distribution lines, treatment and storage have not been completed yet. The developer will need to obtain the necessary permits prior to construction of any and all parts of the water system.

The WDEQ has reviewed the information submitted and is satisfied as to the safety and adequacy of the proposed water supply system.

Conclusions:

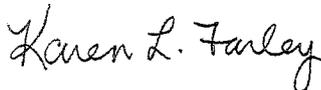
The department has **no “adverse” recommendation** on this proposed subdivision regarding the safety and adequacy of the proposed on-site wastewater treatment systems and the water system that is proposed (central water supply). **However, the department’s recommendation is conditional pending the submittal of the required as-built information pertaining to the well.**

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) 473-3478 or kfarle@state.wy.us if you have any questions on this correspondence.

Sincerely,

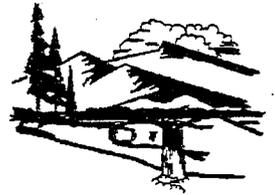


Karen L. Farley, P.E.
WDEQ/WQD, Northeast District Supervisor

cc: Jeff Deimling, Windy Ridge Development, LLC, P.O. Box 2334, Gillette, WY 82718
Steve Bruce, Bruce Engineering, P.O. Box 194, Gillette, WY 82717
Campbell County Planning Office, 500 South Gillette Ave., Suite 1500, Gillette, WY 82716
Phillip Giffin, Department of Public Works, 500 S. Gillette Ave., Suite 1400, Gillette, WY 82716
Mike Ebsen, SEO
WYDEQ 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

October 11, 2007

Mary Lankford
Sublette County Clerk
P.O. Box 250
Pinedale, WY 82941

RE: Pinedale - Sublette County Library Addition & Renovation - Water Service - Permit
Number 07-557, NW1/4 NW 1/4 Section 3, T33N, R109W, Sublette County

Dear Ms. Lankford:

The above application for coverage under General Permit to Construct a public water supply distribution system extension consisting of 215 feet of 6-inch ductile iron water main to serve a fire suppression, irrigation and domestic use 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
Matthew F. Ostdiek, P.E., Rendezvous Engineering, P.C., P.O. Box 4858, Jackson, WY 83001
Eugene D. Ninnie, P.E., Town of Pinedale Engineering Dept., P.O. Box 709, Pinedale, WY 82941-709
Carney Architects, P.O. Box 9218, Jackson, WY 83002

encl: General Permit for a Public Water Supply Distribution System

Page 1 of 1

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



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 21, 2007

Dennis O'Brien
120 So. Dickie
Kirby, WY 82430

RE: O'Brien Small Wastewater Treatment Facility, Permit Number: 07-558, NW ¼, Section 7, T44N, R94W, Hot Springs County

Dear Mr. O'Brien:

This project involves the installation of a septic tank and leachfield system to serve a three bedroom mobile home 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.
Northwest District Engineer
Water Quality Division

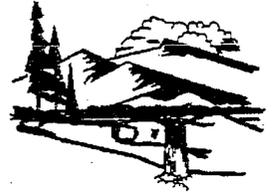
xc: IPS, Cheyenne
Lee Campbell, Hot Springs County, 415 Arapahoe, Thermopolis, WY 82443 (w/enclosures)

encl: General Permit For a Small Wastewater Facility





Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

November 5, 2007

Farris Wilks, C.O.O.
Frac Tech Services
16585 IH 20
Cisco, TX 76437

RE: Rock Springs - Frac Tech Services - Water and Sewer Main Extensions - Permit Number 07-559R, SE1/4 Section 4, T18N, R105W, Sweetwater County

Dear Mr. Wilkins:

The above application for coverage under General Permits to Construct a public water supply distribution system extension consisting of 760 linear feet (LF) of 8-inch PVC water main and a sewage collection main extension consisting of 2158 (LF) of 8-inch sewer main to serve an office, shop and warehouse in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

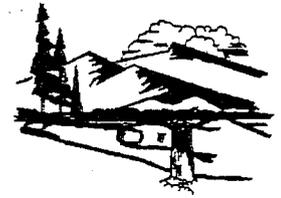
xc: IPS, Cheyenne
Daniel Kennedy, EIT, JFC Engineers & Surveyors, 1515 Ninth Street, Suite A, Rock Springs, WY 82901
Paul D. Kauchich, P.E., Department of Engineering & Operations, 212 D Street, Rock Springs, WY 82901
Vess Walker, Department of Public Services, 212 D Street, Rock Springs, WY 82901

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

September 17, 2007

Wally Johnson, Chairman
Sweetwater County Board of Commissioners
80 West Flaming Gorge Way
Green River, WY 82935

RE: Fairway Estates Subdivision Phases 4 & 5, Sweetwater County,
WDEQ Application #07-560

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 **'Non - 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 the following findings:

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

The proposed sewage system is an extension of the White Mountain Water & Sewer District sewage system. The WDEQ finds the proposed sewage system to be adequate for the 13-lot Phase 4 subdivision and 14-lot Phase 5 subdivision. The sewage system, is regulated by the Water Quality Division of the Wyoming Department of Environmental Quality. It is the responsibility of the subdivider to apply to The Wyoming Department of Environmental Quality Water Quality Division for a Chapter 3 Permit to Construct before starting construction on the sewage collection system.

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

The proposed water system is an extension of the White Mountain Water & Sewer District water system (public water system number WY5601391). The WDEQ finds the proposed water system to be adequate for the 13-lot Phase 4 subdivision and 14-lot Phase 5 subdivision. The water system, is regulated by the Water Quality Division of the Wyoming Department of Environmental Quality and the United States Environmental Protection Agency. It is the responsibility of the subdivider to apply to The Wyoming Department of Environmental Quality Water Quality Division for a Chapter 3 Permit to Construct before starting construction on the water distribution system.

Conclusion(s):

The department has an **'Non - Adverse'** recommendation on this proposed subdivision.



Chairman
Sweetwater County Board of Commissioners
September 17, 2007

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:

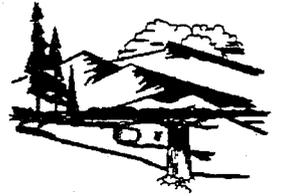
Mark Kot, Sweetwater County Planning & Zoning, 80 West Flaming Gorge Way, Green River,
Wyoming 82935
Mulligan Group, A Partnership, 510 South Main, Rock Springs, WY 82901
Daniel Kennedy, E.I.T., JFC Engineers & Surveyors, 1515 Ninth Street, Suite A,
Rock Springs, WY 82901

IPS-Cheyenne

chron & file(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

September 17, 2007

Steve Palmer
Mulligan Group a Partnership
510 South Main
Rock Springs, WY 82901

RE: Sweetwater County - Fairway Estates Subdivision Phases 4 & 5 - Water and Sewer Main Extensions - Permit Number 07-561, (Reference Permit 06-498), NE 1/4 Section 9, T19N, R105W, Sweetwater County

Dear Mr. Palmer:

The above application for coverage under General Permits to Construct a public water supply distribution system extension and sewage collection system extension to serve 27 residential lots in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

xc: IPS, Cheyenne
Daniel Kennedy, E.I.T., JFC Engineers & Surveyors, 1515 Ninth Street, Suite A, Rock Springs, WY 82901

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

Page 1 of 1

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-562

Reference Permit: WYPDES No. WY0020125

Gillette Wastewater Treatment Plant Primary Solids Pipeline Replacement Project

This permit hereby authorizes the applicant:

City of Gillette
201 East 5th Street
Gillette, Wyoming 82718

to construct, install or modify a 6" primary solids pipeline according to the procedures and conditions of the application number 07-562. The facility is located in SW1/4 Section 31, Township 50 North, Range 71 West in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 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.

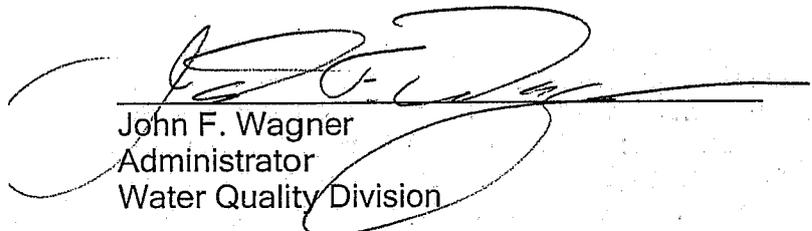
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

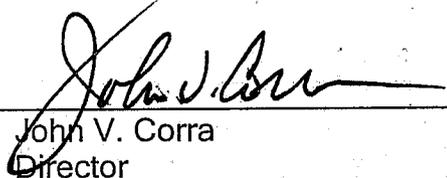
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

8/22/07

Date of Issuance

KJF/rm/7-0736

STATEMENT OF BASIS

1. Permit Number: 07-562
2. Application reviewed for compliance with the following applicable regulations:
 - a. Chapters 3 and 11.
3. Does the permit comply with all applicable regulations identified above?
 - a. Yes.
4. Facilities not specifically covered by regulations
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Not applicable
 - b. Briefly state the basis for the deviation.
Not applicable
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.

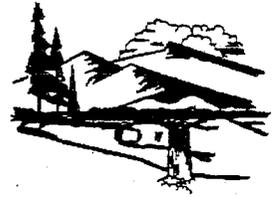
not required
6. Documentation of Statement of Basis.
The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Kevin Frank, SRF Program Engineering Consultant, and completed on August 22, 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

October 22, 2007

Todd Gnose
A&T Land Development, LLC.
2280 West Teton
Green River, WY 82935

RE: Stonebrook Estates Subdivision Phases 3 & 4 - Permit Number 07-563, Rock Springs
PWS: WY5600050
Location: NW1/4, SW1/4, Sec 28, T19N, R105W, Sweetwater County, WY

Dear Todd Gnose:

The above application for coverage under General Permit to Construct 2560 feet of 8-inch sewer and 1490 feet of PVC water main extensions for a low density residential subdivision, located in Rock Springs to serve 71 lots, in accordance with Chapter 3 Section 7, Chapter 11 Section 9 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 permit.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

Mark Baron, P.E.
Southwest District Engineer

xc: IPS, Cheyenne
Chuck Sykes, Environmental Health Services, 550 Uinta Drive, Suite D, Green River, WY 82935

encl: General Permit for Small Wastewater Collection System
General Permit for a Public Water Supply Distribution 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
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FAX 332-7726

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

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



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

PERMIT NO. 05-635(07-564)
05-636(07-564)
05-637(07-564)
05-570(07-564)
05-571(07-564)
05-572(07-564)

Hartzog Draw

This permit hereby authorizes the applicant:

Ringwood Gathering Company
Attn.: Mr. Al Erwin
810 Houston St.
Ft. Worth, Texas 76102

to assume ownership of seven compliance monitoring wells previously permitted as (05-635, 05-636, 05-637, 05-570, 05-571, and 05-572) according to the procedures and conditions of the application number 07-564. The facilities are proximal to the coalbed methane produced water impoundment located in Township 44N, Range 75W, Sections 2, 9, 11, 13, 15, and 16 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the facility is located or is being constructed or installed for the

purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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

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

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

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

1 of 3: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

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

3 of 3: Monitoring Requirements:

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

- Measurement of static water level and sampling and analysis of groundwater at downgradient well North MW-1, Jordan 7 GMW-03, Jordan 7 Alluvial, Jordan 5 MW-01, Van Vorhes MW-1, Jay MW-1, and Kathie MW-2.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **October 15, 2007**.

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

Impoundment North Reservoir

Parameter	North MW-1 Background Value (mg/L) (10/14/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	0.006	≥ 0.04	0.05
Sulfate	213	≥ 2400	3000
Total Dissolved Solids (TDS)	590	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Jordan 7 Reservoir

Parameter	Jordan 7 GMW-03 (based on Jordan 7 GMW-01) Background Value (mg/L) (6/05/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	0.013	≥ 0.04	0.05
Sulfate	218	≥ 2400	3000
Total Dissolved Solids (TDS)	610	≥ 4000	5000
pH	8.0	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Jordan 7 Reservoir, continued

Parameter	Jordan 7 Alluvial Background Value (mg/L) (10/14/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	201	≥ 2400	3000
Total Dissolved Solids (TDS)	730	≥ 4000	5000
pH	8.1	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Jordan 5 Reservoir

Parameter	Jordan 5 MW-01 Background Value (mg/L) (10/14/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	409	≥ 2400	3000
Total Dissolved Solids (TDS)	930	≥ 4000	5000

Impoundment Van Vorhes Reservoir

Parameter	Van Vorhes MW-1 Background Value (mg/L) (6/10/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.011	≥ 0.16	0.2
Selenium	0.007	≥ 0.04	0.05
Sulfate	267	≥ 2400	3000
Total Dissolved Solids (TDS)	870	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Jay Reservoir

Parameter	Jay MW-1 Background Value (mg/L) (6/8/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.002	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	330	≥ 2400	3000
Total Dissolved Solids (TDS)	760	≥ 4000	5000
pH	8.0	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Kathie Reservoir

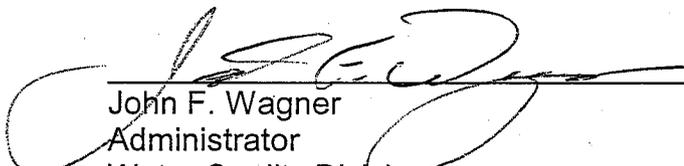
Parameter	Kathie MW-2 Background Value (mg/L) (6/8/05)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	523	≥ 2400	3000
Total Dissolved Solids (TDS)	970	≥ 4000	5000
pH	8.1	≤ 6.5	6.5 – 8.5 (s.u)

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

The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring

Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8/22/07
Date of Issuance

UW/rm/7-0735

From: Kevin Frederick
To: Barb Barnes
Date: 8/22/2007 8:48 AM
Subject: Fwd: Hartzog Draw permit transfer to 07-564
Attachments: Hartzog Draw permit transfer to 07-564

CC: Don Fischer; Ursula Williams
Barb,

Please transfer the existing permits mentioned in the attached e-mail and issue a modified permit (draft is attached) to the new owner. Thanks.

Kevin

From: Ursula Williams
To: Frederick, Kevin
Date: 8/21/2007 5:02 PM
Subject: Hartzog Draw permit transfer to 07-564
Attachments: 07-564 transf of XTO Hartzog Draw.doc; 07-564 Hartzog permit transfer form.pdf

CC: Fischer, Don

Kevin,

Please find attached the permit transfer which combines six single reservoir permits under XTO into a single permit under a new operator/owner, Ringwood Gathering. Also attached is a pdf of the transfer request and form.

We discussed this a few months back and decided this approach would be appropriate

Don has reviewed these and they are ready for what ever comes next.

Ursula

Permit# 1 FILE
07-564
Received: 7-4-7
GPC



7110 West Jefferson Avenue, Suite 300 • Lakewood, Colorado 80235 • U.S.A. • Phone (303) 984.8090 • Fax (303) 984.8091
1082 East Brundage Lane • PO Box 783 • Sheridan, Wyoming 82801 • Phone (307) 672.8090 • Fax (307) 672.8091
www.pearlfield.com

July 3, 2007

Ursula Williams
Wyoming Department of Environmental Quality
Groundwater Division
1866 S. Sheridan Av
Sheridan, WY 82801



Re: Permit transfer request from XTO Energy / Ringwood Gathering

Dear Ursula:

Please see the attached permit transfer request from XTO Energy / Ringwood Gathering.

If you have any questions or comments, please call me at 307.672.8090.

Sincerely,

A handwritten signature in cursive script that reads "Christi B. Haswell".

Christi B. Haswell
Regulatory Project Manager
File: 40-0013

07-564

PERMIT TRANSFER REQUEST

Date: 4-19-07

Groundwater Program
Water Quality Division
Department of Environmental Quality
1866 S. Sheridan Ave.
Sheridan, WY 82801

To Whom It May Concern:

XTO ENERGY INC. intends to transfer ownership of the facility
(Original Owner)

associated with Permit Number 05-570 to RINGWOOD GATHERING COMPANY
(New Owner)

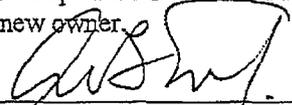
05-635 05-571
05-636 05-572
05-637 SHARITZ'S (Permit)

on 4-19-07 (Date). It is requested that the said permit be transferred to the new owner in

accordance with Section 12 of Chapter 3, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

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

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


Signature of Original Owner


Signature of New Owner

Name AL ERWIN

Name AL ERWIN

Address XTO ENERGY INC
810 Houston St
Fort Worth, TX 76102

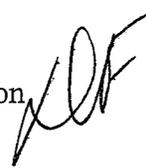
Address RINGWOOD GATHERING CO.
810 Houston St
Fort Worth, TX 76102

Telephone 817-885-2768

Telephone 817-885-2768

Memorandum

TO: Barb Barnes, IPS Supervisor

FROM: Don Fischer, North District Geologic Supervisor, Groundwater Section 

THROUGH: Kevin Frederick, State Groundwater Section Manager

DATE: February 5, 2009

SUBJECT: Termination of Permit to Construct #07-564: Multiple Reservoirs

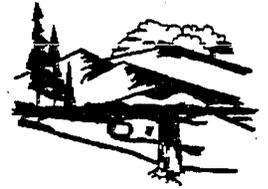
The Groundwater Pollution Control (GPC) Program has reviewed the closure request to discontinue compliance monitoring at the above mentioned facilities. The facilities are located in Township 44N, Range 75W, Sections 2, 9, 13, 15 and 16.

This memo is to advise that the GPC Program has determined that the permittee has complied with the terms and conditions of WQD Permit to Construct # 07-564. Pursuant to Chapter 3, Section 12(b)(ii), the permit is automatically terminated. Please attach a copy of this memo to the IPS copy of the permit for future reference.

Thank you.



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

February 5, 2009

Ringwood Gathering Company
Attn.: Mr. Al Erwin
810 Houston St.
Ft. Worth, TX 76102

Re: Ringwood Gathering WY0052370

Dear Mr. Erwin:

The Wyoming Department of Environmental Quality, Water Quality Division (WQD), has reviewed your request to terminate groundwater compliance monitoring requirements associated with the following reservoirs: Jordan 5, Jordan 7, North, Kathie, Van Vorhes and Jay. At your request, the associated Permit to Construct # 07-564 is terminated. The sites are exempt from groundwater monitoring because the reservoirs are not included in the WYPDES water management plan.

The monitoring wells associated with the above impoundments shall be plugged and abandoned pursuant to Water Quality Rules and Regulations Chapter 11, Part G, Section 70. Well abandonment reporting forms shall be submitted to the WQD within 90 of receipt of this letter (<http://deq.state.wy.us/wqd/groundwater/index.asp>).

If you have any questions regarding this letter, please contact me or other Groundwater Section staff in the Sheridan office at 307-673-9337.

Sincerely,

Don Fischer, WY P.G. #2852
North District Geologic Supervisor
Groundwater Section

CC: Kevin Frederick, State Groundwater Section Manager, Cheyenne, with Memo
Jason Thomas, WYPDES Program, Cheyenne
David Nicholarsen, Pearl, Sheridan
File
Chronological file
Archive



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
() Modified

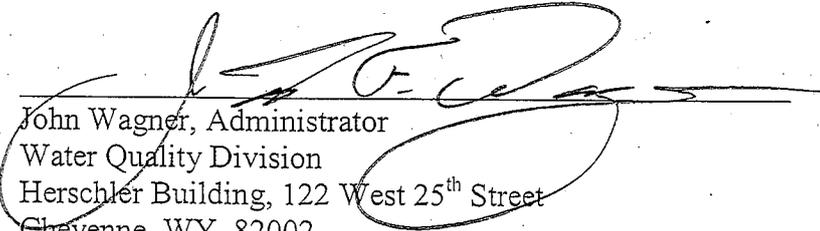
Permit Number UIC 07-565
UIC Facility Number WYS-

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.

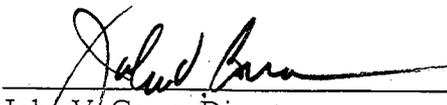
Applicant: Beneterra, LLC
1415 N. Main Street
Sheridan, WY 82801
(307) 673-0607

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 Luddecke SDI in Sections 31 and 32, Township 51 North, Range 79 West, Section 1, Township 50 North, Range 80 West, and Sections 5, 6, and 7, Township 50 North, Range 79 West, 6th Principal Meridian, Johnson County, according to the procedures and conditions of application 07-565 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

11/13/07
Date


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

11/14/07
Date

UMW/KDF/JFW/JVC/cs/7-0987

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A. Discharge Zone

The Luddecke SDI Project is authorized to inject into the alluvial and colluvial deposits adjacent to Crazy Woman Creek, a perennial stream in Johnson County. Crazy Woman Creek is tributary to the Powder River.

B. Well and Area of Review

The injection wells associated with the Luddecke SDI Project authorized by this area permit are located as follows:

There are 22 irrigated fields associated with this project located in parts of Sections 31 and 32, Township 51 North, Range 79 West, Section 1, Township 50 North, Range 80 West, and Sections 5, 6, and 7, Township 50 North, Range 79 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 Luddecke Subsurface Drip Irrigation Project. The injectate will be sampled at the surge pond which is located in the W ½ of the SW ¼ of the SE ¼ NWSWSE of section 31, Township 51 North, Range 79 West, 6th Principal Meridian.

Table 1 (Field Locations)

Field Identification	Location of Field Center
1	NWSENE, Section 31, T. 51N, R. 79W
2	SENWNW, Section 32, T. 51N, R. 79W
3	NWSWSW, Section 32, T. 51N, R. 79W
4	NESWSE, Section 31, T. 51N, R. 79W
5	NESWSW, Section 31, T. 51N, R. 79W
6	NENENW, Section 6, T. 50N, R. 79W
7	NESENE, Section 1, T. 50N, R. 80W
8	NWSWSW, Section 6, T. 50N, R. 79W
9	SWNWSW, Section 6, T. 50N, R. 79W
10	SWNWSE, Section 6, T. 50N, R. 79W
11	SWNWNW, Section 5, T. 50N, R. 79W
12	NWNENW, Section 5, T. 50N, R. 79W
13	NESWNW, Section 5, T. 50N, R. 79W
14	NWNWSW, Section 5, T. 50N, R. 79W
15	NENWNE, Section 7, T. 50N, R. 79W
16	NWSWSE, Section 6, T. 50N, R. 79W
17	NWNENW, Section 7, T. 50N, R. 79W
18	SWSENE, Section 7, T. 50N, R. 79W
19	SWSESE, Section 7, T. 50N, R. 79W
20	SWSESW, Section 7, T. 50N, R. 79W
21	SENWSE, Section 7, T. 50N, R. 79W
22	NWSWNE, Section 7, T. 50N, R. 79W

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 Luddecke SDI 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, Crazy Woman Creek, etc.); and
- Monthly water balance calculations.

The water balance calculations were computed for each of the 22 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 Arvada, 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 Luddecke Subsurface Drip Irrigation Project.

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

- SESENE, NENESE, SENESE, NESESE, SESESE, Section 36, Township 51 North, Range 80 West;
- NENE, SENE, NESE, SESE, NENWNE, SENWNE, NESWNE, Section 1, Township 50 North, Range 80 West;
- NENENE, SENENE, NWNENE Section 12, Township 50 North, Range 80 West;
- NENE, SENE, SENE, SENWNE, NENWNE, SE, SW, SWSWNW, SESWNW, Section 31, Township 51 North, Range 79 West;
- SESESW, SWSSESW, NWSSESW, SWSW, SWNESW, SENWSW, SWNWSW, NWNWSW, SWSWNW, SESWNW, NWSWNW, NESWNW, SWSENW, NESENW, NWSENW, SENENW, SWNENW, NWNENW, NWNW, Section 32, Township 51 North, Range 79 West;
- SWNWNE, SENWNE, SWNE, SWSENE, NENWSE, NWNWSE, NWSW, NESWSW, NWSWSW, NWN, Section 5, Township 50 North, Range 79 West;
- NE, NESE, NWSE, SWSE, SWSESE, SW, NW, Section 6, Township 50 North, Range 79 West;
- NE, SE, NESW, SESW, SESWSW, NESWSW, SENWSW, NENWSW, NE, SE, SESWNW, NESWNW, NWNW, Section 7, Township 50 North, Range 79 West;
- NENENE, NWNENE, NENWNE, NENENW, NWNENW, NENWNW, Section 18, Township 50 North, Range 79 West; 6th Principal Meridian.

C. Groundwater Classification

Nineteen monitor wells were installed in the project area to characterize the groundwater. Water quality analyses indicate the groundwater beneath the proposed operation is III in accordance with Wyoming Water Quality Rules and Regulations, Chapter 8. Ambient water quality exceeds Class I and Class II standards for TDS (Table 1- Chapter 8) in all groundwater quality samples. The average TDS concentrations in the class III groundwater was 1895 mg/l and ranged from 510 to 4830 mg/l.

D. Authorized Operations

The permittee is authorized to inject 2.94 million gallons per day of produced coalbed methane water through the Luddecke SDI Project. The produced water originates from coal bed methane wells completed in the Big George coal seam. Water migrating from the drip irrigation system shall not enter into Crazy Woman 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 or his designee (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 (1-22)	Duration of flow, pressure and valve capacity	The volume of flow from all ten fields combined shall not exceed 2.94 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 Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT
Alluvial wells ¹	Monthly	Quarterly (3/31; 6/30; 9/30; 12/31)	Static water elevation (ft amsl)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
Bedrock wells ²	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Static water elevation (ft amsl)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Total Dissolved Solids	EPA 160.1	5,000 milligrams/liter
Bedrock wells ²	Annually	Annually (12/31)	Total Dissolved Solids	EPA 160.1	5,000 milligrams/liter
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sulfate	EPA 300.0	3,000 milligrams/liter

Table 3 (Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT
Bedrock wells ²	Annually	Annually (12/31)	Sulfate	EPA 300.0	3,000 milligrams/liter
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Chloride	EPA 300.0	2,000 milligrams/liter
Bedrock wells ²	Annually	Annually (12/31)	Chloride	EPA 300.0	2,000 milligrams/liter
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
Bedrock wells ²	Annually	Annually (12/31)	Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
Bedrock wells ²	Annually	Annually (12/31)	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
Bedrock wells ²	Annually	Annually (12/31)	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	pH	EPA 150.1	6.5 – 8.5 standard units
Bedrock wells ²	Annually	Annually (12/31)	pH	EPA 150.1	6.5 – 8.5 standard units
Alluvial wells ¹	Quarterly	Quarterly (3/31; 6/30; 9/30; 12/31)	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)

Table 3 (Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT
Bedrock wells ²	Annually	Annually (12/31)	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)

¹"Alluvial wells" includes: MW3-7, MW7-7, MW4-32, MW4-5, MW4-7, MW8-6A, MW16-7, MW15-6, MW10-6, MW12-5, MW12-32.

²"Bedrock wells" includes: MW13-6, MW6-7, MW7-7, MW10-7, MW12-7, MW1-31, MW5-6, MW11-6, MW8-31, MW15-31, MW16-31, MW13-5A, MW16-6A, MW14-32, MW9-31.

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

Table 4 (Surface Water Monitoring Schedule)

SURFACE WATER STATION NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL*
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Monthly	Quarterly 3/31; 6/30; 9/30; 12/31	Surface water elevation	Survey or Staff Gage	None (tracking purposes: surface water protection)
CW10-7, CW7-7, CW14-32, CW9-31	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Surface water elevation	Survey or Staff Gage	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Flow	USGS accepted method	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Total Dissolved Solids	EPA 160.1	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sulfate and Chloride	EPA 300.0	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Alkalinity as Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)

Table 4 (Surface Water Monitoring Schedule)

SURFACE WATER STATION NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL*
CW12-5, CW3-7, CW8-6, CW12-32, CW4-32, CW15-6	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	pH	EPA 150.1	None (tracking purposes: surface water protection)

4. 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
1	MW1-31, MW8-31, CW4-32
2	MW4-32, CW4-32
3	MW12-32, CW12-32
4	MW9-31, MW16-31, MW15-31
5	MW15-31
6	MW15-31, MW16-31
7	MW5-6
8	MW13-6
9	MW11-6, MW8-6B
10	MW10-6, MW8-6A, CW8-6A
11	MW4-5
12	MW14-32
13	MW4-5, MW14-32
14	MW12-5, CWC12-5
15	MW16-6, MW15-6, CW15-6
16	MW15-6, CW15-6
17	MW4-7, CW15-6
18	MW7-7, CW7-7
19	MW16-7, CW10-7
20	MW6-7, MW10-7, CW10-7
21	MW10-7, CWC10-7
22	MW3-7, MW7-7, CW7-7

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: **07-565**

B. Facilities Covered: The Beneterra, LLC., Luddecke SDI (subsurface irrigation system) is located adjacent to Crazy Woman Creek in Johnson 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 2.94 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 Class III. Groundwater monitoring is proposed for this site to protect for groundwater. Water infiltrating beneath this facility shall not reach surface water. This permit provides for a total flow capacity of 2.94 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 October 5, 2007 and ending on November 5, 2007. (Thirty day notice is required by Chapter 16.) This notice was published in the Buffalo Bulletin 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 Geologic Project Analyst, and completed on September 28, 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

New
 Renewal
 Modified

PERMIT NO. 07-566
SPECIAL CONDITIONS
REF/PERMIT

WESTON COUNTY ROADS ROAD APPLICATION

This permit hereby authorizes the applicant:

WESTERN BIOMASS ENERGY, LLC
2693 C COMMERCE ROAD
RAPID CITY, SOUTH DAKOTA 57702

to road apply non-contact process water from the Western Biomass pilot ethanol plant for dust suppression and road construction according to the procedures and conditions of application number 07-566. The application site is located west of Upton, in Weston County, in the State of Wyoming and includes The roads which will receive water under this permit include Buffalo Creek Road, Soda Butte Road, and Upton-Fairview Road. This permit shall be effective until December 1, 2008.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable 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:

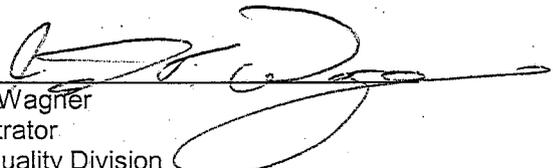
- 1 of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 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.

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.

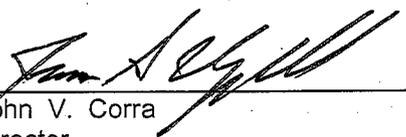
- a. Date that the road application was completed; and
- b. Certification the road application was done in accordance with the terms and conditions of the permit; or
- c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received 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 non-contact process 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 Application of non-contact process water will not be conducted during between November 1 and April 30, without prior verbal authorization from WDEQ,
- 7 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application. The application of non-contact process 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 non-contact process 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

9-11-07
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

JDL/KJM/cs/7-0777

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 07-566

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

_____ 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 non-contact process water. Application is for dust control and as an aid in road construction (compaction).

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 for determining compliance, what constitutes a violation and steps to be followed by the permittee in the event of a violation.

NA

VII. Documentation of Statement of Basis.

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

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 22, 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. 07-567

Meadowlark Lodge Chlorination System Installation
PWS# WY5600362

This permit hereby authorizes the applicant:

Mr. Jim McCotter
PO Box 86
Ten Sleep, Wyoming 82442

to construct, install or modify a chlorination system according to the procedures and conditions of the application number 07-567. The facility is located in NE1/4 Section 33, Township 49 North, Range 86 West in the county of Big Horn, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 30, 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:

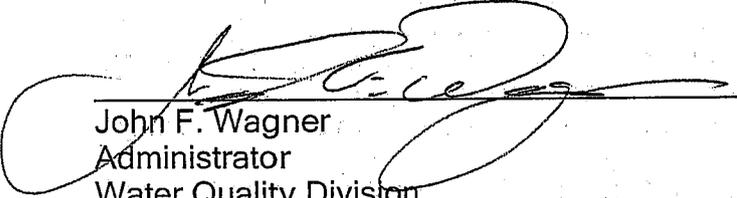
1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR) of any changes or modifications which are not consistent with the terms and conditions of this permit.

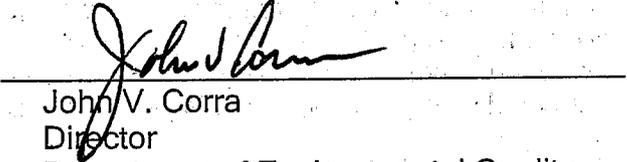
2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8/22/07
Date of Issuance

KJF/rm/7-0737

STATEMENT OF BASIS

1. Permit Number: 07-567
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. Facilities not specifically covered by regulations
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Not applicable.
 - b. Briefly state the basis for the deviation.
Not applicable.
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
not required
6. Documentation of Statement of Basis.

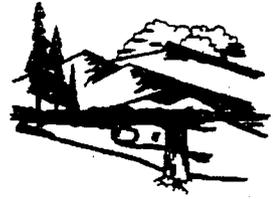
The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Kevin Frank, Engineering Consultant, and completed on August 22, 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

August 22, 2007

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

RE: GASES PLUS BLDG FIRE HYDRANT-CBOPU,
Application No. **07-568**, 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 water lines, fire hydrant and 6" diameter sewer service line, NE1/4 Section 3 T13N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by 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. **07-568** 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/7-0739

cc: IPS, Cheyenne

Ryan S. Rigg, AVI, P.C., 2035 Westland Rd., 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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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 17, 2007

Christopher Jewell
P.O. Box 351
Moorcroft, WY 82721

RE: Jewell Residential Septic System
Permit # 07-569

Dear Christopher:

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) 473-3478. Thank you.

Sincerely,

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

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729





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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

September 20, 2007

Ron Davis
c/o Dustin Buckmiller
Buckmiller Custom Homes
P.O. Box 65
Moorcroft, Wyoming 82721

RE: Davis Residential Septic System, Crook County
Permit # 07-570

Dear Mr. Davis:

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. Connection to Public Sewer – The property will be connected to the Pine Haven public sewer system within 6 months after sewer service to the lot is available.
- B.

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
Joe Slattery, Mayor, Town of Pine Haven, 24 Waters Drive, Pine Haven, WY 82721

Page 1 of 1





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Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

October 16, 2007

Roger Anderson
418 Sand Creek Road
Beulah, WY 82712

RE: Roger Anderson Rural Mound Residential Septic System
Permit # 07-571

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) 473-3478. Thank you.

Sincerely,

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

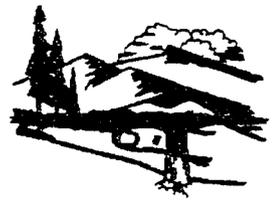
Enclosures: General Permit
Certificate of Completion

cc: John Lliteras, P.O. Box 381, Newcastle, WY 82701
Mike Wagner, 1025 W. Main, Newcastle, WY 82701
IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County, P.O. Box 37, Sundance, WY 82729





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 24, 2007

System Land, LLC
Attn: Don B. Roberts, Manager
2 Soldier Creek Road
Sheridan, Wyoming 82801

RE: Cloud Peak Ranch – Eleventh: Water & Sewer Extensions, App. No. **07-572**
Location: W½ SW¼, Section 21, T56N, R84W, Sheridan County

Dear Mr. Roberts:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the 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 permits. Additionally, the following project specific conditions also apply:

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
 - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
 - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

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

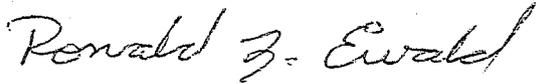
WATER QUALITY
(307) 777-7781
FAX 777-5973



The approval granted under this Notification Of Coverage and the General Permit shall expire on September 24, 2009. Please reference Application Number 07-572 in any future correspondence.

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

Sincerely,



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

RLE/cs/7-0834

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

Karen Farley, NE District Supervising Engineer, 152 North Durbin Street, Suite 100,
Casper, Wyoming 82601

Jeff M. Feck, PE, Vista West Engineering, P.O. Box 785, Sheridan, WY 82801
Sheridan County Planning Office, Ray Pacheco, 224 South Main, Suite B&E,
Sheridan, Wyoming 82801



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

September 21, 2007

Jay Pixley
P.O. Box 590
Sundance, WY 82729

RE: Jay Pixley Residential Septic System, Sundance West Subdivision, Crook County
Permit # 07-573

Dear Mr. Pixley:

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

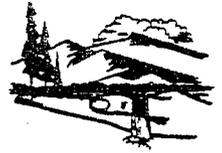
cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development

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 29, 2007

Ronald Anderson
3709 Hidden Valley Road
Gillette, Wyoming 82718

RE: Ron Anderson Residential Septic System, Lot 2, Daniels Subdivision, Crook County
Permit # 07-574

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.

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

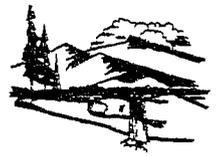
cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development
Ron Anderson, Anderson Trucking, 4 Ridge Road, Moorcroft, Wyoming 82721

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

NOTIFICATION OF COVERAGE

September 7, 2007

Jason Hamrick
Cowboy Drifters, LLC
2945 Indian Springs Drive,
Casper, WY 82604

RE: Cowboy Drifters Cabin Sites at Grey Reef – Commercial Small Wastewater System
Permit # 07-575

Dear Mr. Hamrick:

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) 473-3478. Thank you.

Sincerely,

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

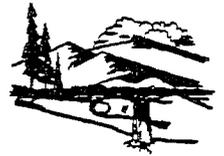
Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Lewis James, P.E., JKC Engineering, 5830 E. 2nd Street, Casper, WY 82609
Audrey Gray, Natrona County Health Department, 475 S. Spruce, Casper, WY 82601-1759





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

Tom Simons
P.O. Box 3551
Gillette, WY 82717

RE: Simons Commercial Small Wastewater System – **Temporary Holding Tank**
Permit # 07-576

Dear Mr. Simons:

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.

Additionally, the following project specific conditions also apply:

- A. **Limitation of Use** – This permit expires within twelve months of issue or until public sewer service is available for the property, which ever occurs first. If use of the temporary holding tank is required beyond the limit of the permit, notify WDEQ 30 days prior to permit expiration.
- B. The holding tank will be required to have a two-inch minimum diameter vent, screened, terminating at least 30 feet from any door, window, or fresh air inlet, per WWQRR Chapter 11, Section 43 (d).
- C. The holding tank will be required to have a six-inch pump out pipe, capped, which extends to the surface, per WWQRR Chapter 11, Section 43 (f).



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

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

Enclosures: General Permit

cc: Keith Bowar, Campbell County, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716
 IPS, Cheyenne
 WDEQ/WQD File

ROAD APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 07-577
SPECIAL CONDITIONS
REF/PERMIT

IBERLIN RANCH ROADS ROAD APPLICATION

This permit hereby authorizes the applicant:

SIERRA CONSTRUCTION COMPANY
P.O. BOX 210
LINCH, WYOMING 82640

to road apply a total of 2000 barrels of waste crude oil and tank bottoms for dust suppression according to the procedures and conditions of application number 07-577. The southern end of the application site is located approximately 2.6 miles north of Linch, Wyoming and the northern end of the application site is located approximately 4 miles north of Linch. The application site is located in Sections 1 and 12, Township 42 North, Range 78 West and Section 36, Township 43 North, Range 78 West, Johnson County, 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.

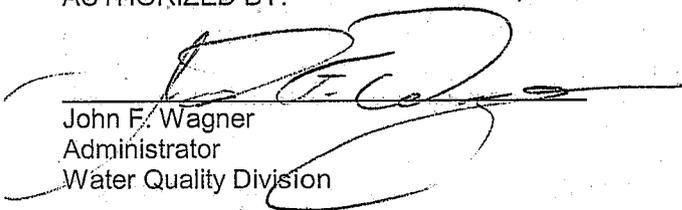
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

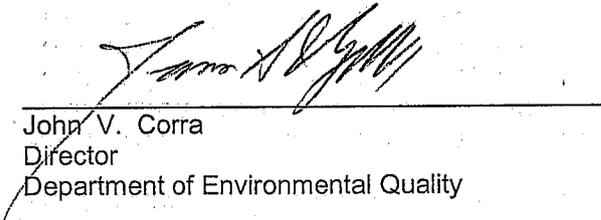
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 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.
- 2 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.
- a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received 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 waste crude oil and tank bottoms shall be applied uniformly and incorporated into the road bed. The volume and rates of application will be as required for dust control.
- 6 of 8 Application of waste crude oil and tank bottoms will not be conducted within any Wyoming Land Quality Division mine permit boundary.
- 7 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application. The application of waste crude oil and tank bottoms shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the waste crude oil and tank bottoms. 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

9-11-7
Date of Issuance

JDL/kjm/cs/7-0790

9/12/7
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 07-577

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 non-contact process water. Application is for dust control and as an aid in road construction (compaction).

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, Senior Environmental Analyst, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **07-578**

Reference Permit No. 82-286

Land Application of Wastewater
Jim Bridger Power Plant Evaporation Pond

This permit hereby authorizes the applicant:

PacifiCorp
Jim Bridger Power Plant
P.O. Box 158
Point of Rocks, WY 82942

to construct, install or modify a land application system for wastewater from the Jim Bridger Power Plant evaporation pond according to the procedures and conditions of the application number **07-578** (reference permit no. 82-286). The facility is located in the east half of Section 5, Township 20 North, Range 101 West and the south half of Section 35, Township 21 North, Range 101 West, in the county of Sweetwater, in the State of Wyoming. This permit shall be effective until May 1, 2013.

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 land application described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by Wyoming statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the State of Wyoming does not waive its sovereign immunity.

The permittee shall allow authorized representatives from DEQ to enter and inspect any property, premise or place on or at which the land application is located for the purpose of investigating actual or potential sources of water pollution, and for determining compliance or non-compliance with any rules, regulations, standards, permits or orders.

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

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

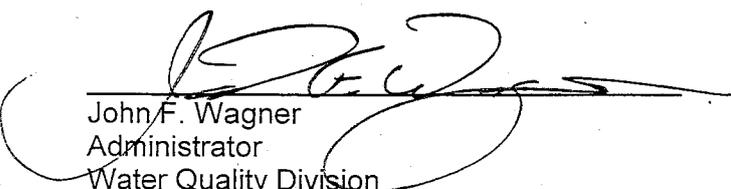
The permittee shall conduct permitted land application in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

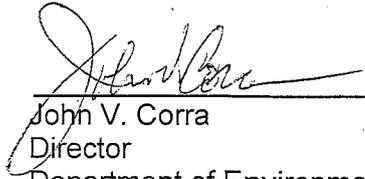
- 1 of 5 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 5 The applicant shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (NPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department. This report shall be submitted to DEQ prior to April 1.
- 3 of 5 The applicant shall submit, on an annual basis, a monitoring and operational plan for the upcoming irrigation season. The monitoring and operational plan shall include a sampling schedule for soil and water, a schedule for the application of amendments (if needed), and a description of any other work to be performed at the site, such as tilling, re-grading, or re-seeding. The monitoring and operational plan will be based on soil and water sampling conducted during the previous irrigation season. This plan shall be submitted to DEQ prior to April 1 of that irrigation year.
- 4 of 5 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Dates that the land application was initiated and terminated for the irrigation season; and
 - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
 - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
 - d. Landowner certification and applicable documentation that the site has been properly reclaimed.

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

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

4/29/08

Date of Issuance

JDL/KJM/rm/8-0323

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 07-578 (renewal of Permit No. 82-286)
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?

Yes

Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. The review of the original permit was performed by Dennis Lamb, Northeast District Supervisor, and completed on April 25, 2008. Review of the annual reports, and compliance, as related to issuance of the permit renewal was performed by Kim Medina, Senior Project Analyst and completed on January 31, 2008. 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 6, 2007

City of Sheridan
ATTN: Nic Bateson
PO Box 848
Sheridan, WY 82801

RE: City of Sheridan Landfill Sewer Extension for Cell Nine
Application No. 07-580

Dear Mr. Bateson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3, 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 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 07-580 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/7-0768

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

cc: IPS, Cheyenne
Susan Holmes, HKM Engineering, PO Box 7010, Sheridan, WY 82801
Karen Farley, Dale Anderson, DEQ Casper

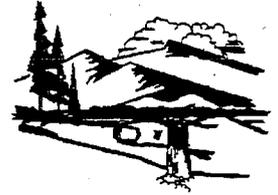
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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



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 23, 2007

Michael G. Pexton, Secretary
Yellow Creek Ranch Company
170 Yellow Creek Road
Evanston, WY 82930

RE: Red Hawk 3rd Addition, Water and Sewer Main Extensions -Evanston
Permit Number 07-581, NW1/4 Section 32, T15N, R120W, Uinta County, Wyoming

Dear Michael Pexton:

The above application for coverage under General Permits to Construct water and sewer main extensions of 6 and 8-inch ductile iron water main and 8-inch PVC sewer main to the proposed Red Hawk 3rd Addition Subdivision serving 17 lots in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

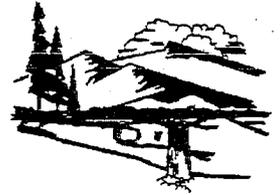
Mark Baron P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Gareth Powell, Uinta Engineering and Surveying Inc. Evanston, WY 82930
Brian Honey, City Engineer, 1200 Main Street, Evanston, WY 82930-3396
encl: General Permit for a Sewage Collection System,
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

November 5, 2007

Phillip Smith
Town of Big Piney
P.O.Box 70
Big Piney, WY 83113

RE: Quealy Avenue and Dodge Street Waterline Reconstruction - Permit Number 07-582,
S1/2 Section 31, T30N, R111W, Sublette County, PWS#WY5600007

Dear Phillip Smith:

The above application for coverage under General Permits to Construct water main modifications for replacement and extension of 1700 feet of looped water main with 8-inch PVC to serve Big Piney lots 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 facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

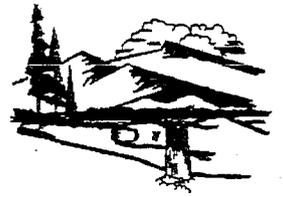
xc: IPS, Cheyenne
Don Pope, Water Superintendent, P.O.Box 70, Big Piney, WY 83113
Clarence S. Kemp, Forsgren Associates Inc. 849 Front Street St. Suite 201, Evanston, WY 82920

encl: General Permit for a Public Water Supply Distribution System





Department of Environmental Quality



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

John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

December 19, 2007

Joel Merritt, Owner/Member
J.M. Land Development
P.O. Box 651
Thane, WY 83127

RE: North Forty Subdivision - Water Distribution Subdivision Mains-Thane, Permit Number 07-5838NW1/4 Section 19, T34N, R118W, Lincoln County

Dear Mr. Merritt:

The above application for coverage under General Permits to Construct water distribution mains consisting of 2300 feet of 10-inch PVC and 4600 feet of looped 6-inch PVC water main to serve 61 lots of the North Forty Subdivision located about 1 mile east of Thane 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 facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Ryan J. Erickson, Sunrise Engineering, Inc., P.O. Box 609, Afton, WY 83110

encl: General Permit for a Public Water Supply Distribution 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

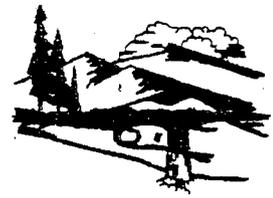
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





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 24, 2007

System Land, LLC
Attn: Don B. Roberts, Manager
2 Soldier Creek Road
Sheridan, Wyoming 82801

RE: Cloud Peak Ranch – Seventh: Water & Sewer Extensions, App. No. **07-584**
Location: N½ SW¼, Section 28, T56N, R84W, Sheridan County

Dear Mr. Roberts:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the 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 permits. Additionally, the following project specific conditions also apply:

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
 - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
 - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

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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2. New "Alignment A" Water Main Crossing Existing Sewer Main - at approximately Station 20+45 on Bruce Mountain Drive the new water main will cross the existing sewer main in Mydland Road. The plans do not indicate at what depth this sewer main is expected to be found at. However, this reviewer's best estimate is that it could be at almost the same depth as that planned for the new water main, or maybe as little as a foot above or below this depth. Therefore, careful attention must be paid to locating this existing sewer main. If upon locating it, it is at any elevation above to less than 18 inches below the new water main, then secondary protections must be provided to protect either the existing sewer main or the new water main as required by Chapter 12, Section 14(g)(i), or WQD / W&WW Section Policy 13.9.11 – "Flow-fill Encasement." Policy included as enclosure.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 24, 2009. Please reference Application Number **07-584** in any future correspondence.

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

Sincerely,



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

DLE/cs/7-0835

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
W&WW Section Policy 13.9.11 – Flow-fill Encasement

cc: IPS, Cheyenne
Karen Farley, NE District Supervising Engineer, 152 North Durbin Street, Suite 100,
Casper, Wyoming 82601
Jeff M. Feck, PE, Vista West Engineering, P.O. Box 785, Sheridan, WY 82801
Sheridan County Planning Office, Ray Pacheco, 224 South Main, Suite B&E,
Sheridan, Wyoming 82801



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 10, 2007

Lynn Schneider
P.O. Box 203
Wright, Wyoming 82723

RE: Schneider Summer Cabin Residential Septic System, Crook County
Permit # 07-585

Dear Mr. Schneider:

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:

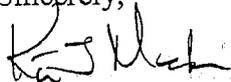
- A. Number of Bedrooms – This permit is authorized for up to 2 bedrooms. Additional bedrooms may require an increase in the septic tank and/or leachfield. Any modification of the existing septic system will require the submittal of new application for *Permit to Construct*.
- B. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.
- C. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

Page 1 of 2



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



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 20, 2007

Matt Garland
MGM Enterprises, Inc.
P.O. Box 3300
Gillette, WY 82717

RE: Commercial Septic System, 4010 Garman Road,
Lot 20 Hannum Road Industrial Park, Campbell County
Permit # 07-586

Dear Mr. Garland:

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

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

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
WDEQ File
Curt Betcher, Road Runner Construction, 1333 Moonshiner Lane, Gillette, Wyoming 82718
Keith Bower, Campbell County

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

September 20, 2007

Matt Garland
MGM Enterprises, Inc.
P.O. Box 3300
Gillette, WY 82717

RE: Commercial Septic System, 4110 Garman Road,
Lot 23 Hannum Road Industrial Park, Campbell County
Permit # 07-587

Dear Mr. Garland:

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

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

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

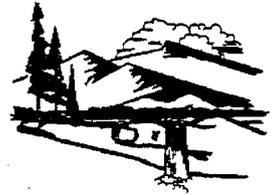
cc: IPS, Cheyenne
WDEQ File
Curt Betcher, Road Runner Construction, 1333 Moonshiner Lane, Gillette, Wyoming 82718
Keith Bower, Campbell County

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.

John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

September 17, 2007

Gary Freel, CEO
Big Horn Enterprises
641 Warren St.
Thermopolis, WY 82443

RE: Big Horn Enterprises Lots 2, 3, & 4 Addition Sewer & Water Lines, Permit Number: 07-588, NE ¼, SW ¼, Section 30, T47N, R93W, Washakie County

Dear Mr. Freel:

This project involves the installation of about 300 linear feet of 8-inch sewer line and 223 linear feet of 2-inch diameter water line to serve three connections. 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 James Brough at 307-332-3144.

Sincerely,

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

xc: IPS, Cheyenne
Mike Donnell, P.E., Donnell & Allred, Inc., P.O. Box 638, Worland, WY 82401

encl: General Permits For a Public Water Supply System and 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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-589

Town of Hudson Wastewater Lagoon Monitoring Wells Installation

This permit hereby authorizes the applicant:

Jake Hamon, Mayor
Town of Hudson
P.O. Box 56
Hudson, WY 82515

to install three 2-inch diameter groundwater monitoring wells around the perimeter of the wastewater lagoon, according to the procedures and conditions of the application number 07-589. The facility is located northeast of the Town of Hudson within E ½, Section 7, Township 2 South and Range 3 East 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, 2009.

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

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

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

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

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

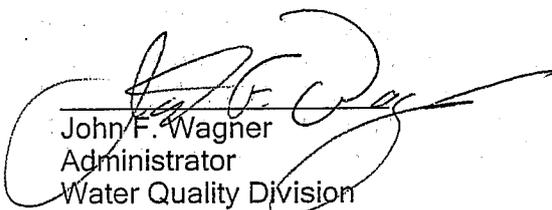
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

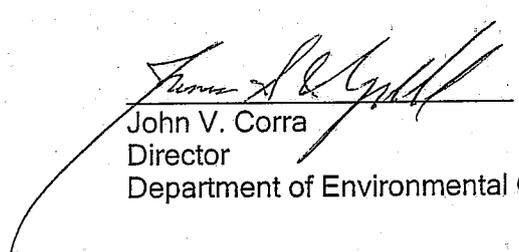
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 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


John V. Corra
Director
Department of Environmental Quality

9-14-07
Date of Issuance
JSB/jsb/cs/7-0795

JRS 9/12/07

STATEMENT OF BASIS

1. Permit Number: 07-589
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
The wastewater lagoon cells are proposed to be lined with a 45 mil thick fabric reinforced polypropylene geomembrane. This project involves the installation of groundwater monitoring wells to monitor compliance.
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 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."

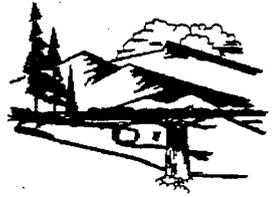
xc: Charles Spurlock, P.E., Trihydro Corporation, 1252 Commerce Drive, Laramie, WY 82070

F:\DIVISION\WQDIW&WW Section\2007 Permits & Reviews\07-589.pc.jsb.doc



Department of Environmental Quality

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



John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

September 20, 2007

Bill Urbigit, Public Works Director
City of Riverton
816 North Federal Boulevard
Riverton, WY 82501

RE: Raintree Sewer Line Project, Permit Number: 07-590, NW ¼, Section 30, T1N;
R4E, Fremont County

Dear Mr. Urbigit:

This project involves the construction of 8-inch sewer line to serve thirty-four residential connections. The sewer line will be sleeved in 14-inch HDPE pipe with the ends sealed where the sewer line runs within fifty feet of two separate public drinking water wells. This application for coverage under General Permit 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 James Brough at 307-332-3144.

Sincerely,

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

xc: IPS, Cheyenne
Thomas E. Axthelm, P.E., Inberg-Miller Engineers, 124 East Main St., Riverton, WY 82501
Doug Thompson, Fremont County Commissioners, 450 N. 2nd St., Rm 310, Lander, WY 82520

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





Department of Environmental Quality



Dave Freudenthal, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

June 27, 2008

Don Davidson
Etna Water and Sewer District
P.O.Box 5031
Etna, WY 83118

RE: Teton Truss Water Line Extension - Etna, Permit Number 07-591RR, SW ¼ Sec 2, and NW1/4 Sec 11, T35N R119W, Lincoln County

Dear Mr. Davidson:

The above application for coverage under General Permits to Construct water main modifications for the new installation of 3100 lineal feet 8-inch PVC waterline and hydrant to serve the Teton Truss business in accordance with Chapter 3, Section 7, 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 facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Clarence S. Kemp, Forsgren Associates Inc. 849 Front Street Suite 201, Evanston, WY 82930
encl: General Permit for a Public Water Supply Distribution System



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
AS - BUILT

PERMIT TO CONSTRUCT
New Water System No PWS Number Assigned

PERMIT NO. 07-592R

Settlement Agreement Docket No. 4175-07

Sand Draw Inn - Public Water Supply System & Septic Disposal Systems

This permit hereby authorizes the applicant:

Chris Haper
Sand Draw Inn
P.O. Box 63
Pinedale, WY 82941

to construct a public water supply well (this well was constructed without a permit), a well house, an 8000 gallon buried finished water storage tank, two booster pumps, to serve a 54 room motel, managers space and a 25 seat coffee shop along with two septic systems with average total daily sewage flows of 1776 gallons per day according to the procedures and conditions of the application number 07-592R. The facilities are located about 21 miles southeast of Pinedale at SW 1/4 Section 32, T31N, R107W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 18, 2010.

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

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

Nothing in this permit constitutes an endorsement by DEQ of the 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.

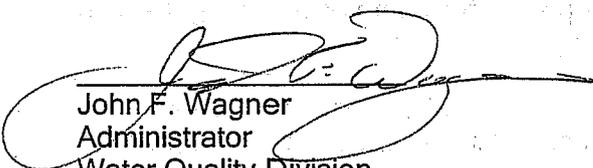
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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:

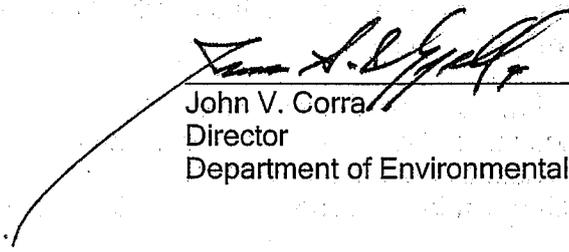
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11,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

3/18/08
Date of Issuance

MDB/rm/8-0219


John V. Corra
Director
Department of Environmental Quality

STATEMENT OF BASIS

1. Permit Number: 07-592R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not required.
5. Documentation of Statement of Basis: The 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 Mark D. Baron, P.E., mbaron@state.wy.us, Southwest District Engineer and completed on March 18, 2008. 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: Mark C. Eatinger, P.E., Rio Verde Engineering, P.O. Box 642, Pinedale ,WY 82941



November 9, 2007

Mr. John Passehl, P.G.
DEQ/Water Quality Division
122 West 25th Street
Herschler Building, 4th Floor-West
Cheyenne, Wyoming 82001

RECEIVED

NOV 14 2007

WATER QUALITY DIVISION
CHEYENNE

RE: Anadarko Permit ~~UIC 05-231~~ 07-593

Dear Mr. Passehl:

Anadarko Petroleum Corporation (APC) would like to withdraw the request to modify the existing UIC injection permit UIC 05-231 which is currently waiting your approval.

It is APC's intent to re-submit a request to modify the existing permit to include additional wells and a submit data showing the current injection rate can be increased without exceeded the maximum pressure of 1314 PSIG on the tubing.

The injection rate date once completed and proves to be favorable will be submitted to you for review.

If you have any questions please feel free to contact me by phone at (307) 437-9568 or (307) 262-1940.

Sincerely,

Anadarko Petroleum Corporation
John M. Farrell
Environmental Analyst

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 07-594

Douglas Water Treatment Plant Improvements - General Facilities Package
PWS# WY5600137

This permit hereby authorizes the applicant:

City of Douglas
420 W. Grant Street
Douglas, Wyoming 82633

to construct, install or modify a upgrade to an existing surface water treatment plant including new treatment processes for presedimentation and slow sand filtration and rehabilitation of the clearwell, influent and effluent pumps, and chlorine injection; according to the procedures and conditions of the application number 07-594. The facility is located in NW1/4 Section 8, Township 32 North, Range 71 West in the county of Converse, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 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, 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.

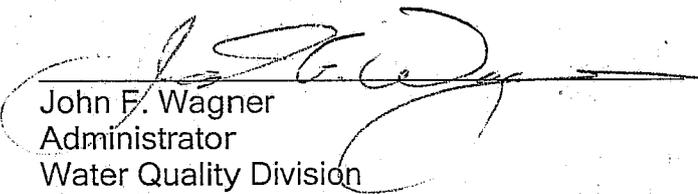
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

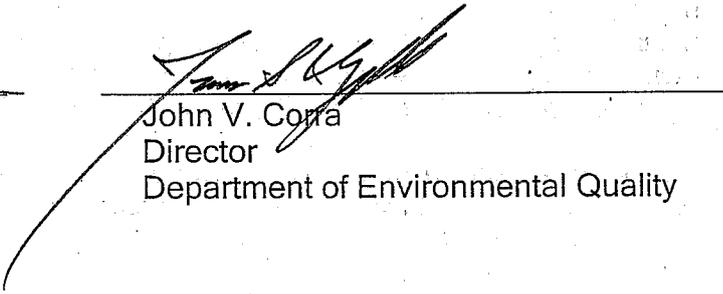
- 1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR) of any changes or modifications which are not consistent with the terms and conditions 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 Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9-24-07

Date of Issuance

KJF/DRM/cs/7-0814

STATEMENT OF BASIS

1. Permit Number: 07-594
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. The permit approval is based upon a deviation from applicable regulations in accordance with Section 5 of Chapter 12.
4. Facilities not specifically covered by regulations
 - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.
Chapter 12 Section 10(i)(ii)(A) gives various requirements for slow sand filters and Section 10(k) gives various requirements for chlorination systems. Most requirements will be met, but a few deviations were proposed, including deviations in filter sand uniformity, water depth over sand media, sand filter metering and control, chlorination points, and chlorine contact time.
 - b. Briefly state the basis for the deviation.
The design engineer provided an explanation supporting their proposed deviations from these regulations. The proposed deviations appear adequate based on engineering principles, Ten State Standards, EPA requirements, typical rising head filter design practice, and/or alternative methods of achieving the intent of the regulations.
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
not required
6. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Kevin Frank, SRF Program Engineering Consultant, and completed on September 17, 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."

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 13

CLASS I INJECTION WELL

() New
(X) Modified

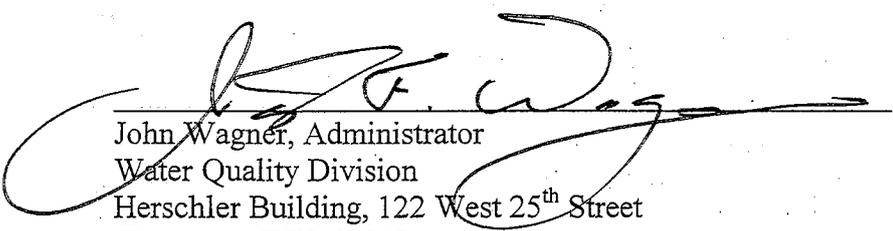
Permit Number: **07-595**
UIC Facility Number WYS-013-059

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 13.

Applicant: Mel's Water Service
P.O. Box 37
Lysite, WY 82642
(307) 876-2289

Mel's Water Service, hereafter referred to as the Permittee, is authorized to operate **Federal Hanagan 1-15** in Section 15, Township 36 North, Range 91 West of the 6th Principal Meridian, Fremont County according to the procedures and conditions of application 07-595 and requirements and other conditions of this 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

5/19/08
Date


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

5/19/08
Date

JAP/rm/8-0379

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A. Discharge Zone

This injection well is authorized to inject into the Lower Fort Union Formation as follows:

Table 1 (Discharge Zone)

Well Name	Perforated Intervals (injection start depth)	Perforated Intervals (injection end depth)
Federal Hanagan 1-15	7,504	8,194

Additional perforations may be installed within the above named intervals of the authorized formations with the prior written approval of the Water Quality Division.

The packer is set within 500 feet of the top of the authorized discharge zone.

B. Well and Area of Review

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

NW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 15, Township 36 North, Range 91 West, 6th Principal Meridian

The Area of Review is determined by calculating the cone of influence, volumetric cylinder, or using a default radius of 1,320 feet, whichever is greater.

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

Township 36 North, Range 91

Section 2: SW $\frac{1}{4}$ SW $\frac{1}{4}$

Section 3: S $\frac{1}{2}$ S $\frac{1}{2}$

Section 4: S $\frac{1}{2}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 8: SE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, SE $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 9: All

Section 10: All

Section 11: W $\frac{1}{2}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$, W $\frac{1}{2}$ SE $\frac{1}{4}$

Section 13: SW $\frac{1}{4}$ SW $\frac{1}{4}$

Section 14: All

Section 15: All

Section 16: All

Section 17: E $\frac{1}{2}$ W $\frac{1}{2}$ E $\frac{1}{2}$

Section 20: E $\frac{1}{2}$ NW $\frac{1}{4}$ E $\frac{1}{2}$

Section 21: All

Section 22: All

Section 23: W $\frac{1}{2}$, NE $\frac{1}{4}$, SW $\frac{1}{4}$ SE $\frac{1}{4}$, NW $\frac{1}{4}$ SE $\frac{1}{4}$, NE $\frac{1}{4}$ SE $\frac{1}{4}$

Section 26: NW $\frac{1}{4}$

Section 27: N $\frac{1}{2}$, N $\frac{1}{2}$ SW $\frac{1}{4}$

Section 28: NE $\frac{1}{4}$, NW $\frac{1}{4}$ NW $\frac{1}{4}$, NE $\frac{1}{4}$ NW $\frac{1}{4}$, SE $\frac{1}{4}$ NW $\frac{1}{4}$

Section 29: NE¼ NE¼

The Area of Review is based on the following information:

Table 2 (Area of Review Inputs for Formation)

Description	Inputs	Units
Federal Hanagan 1-15		
Time	20	Years
Porosity	12	Percent
Injection Rate	2,004	BPD
Thickness of Receiver	690	Feet
Area of Review	9,937	Feet
Fracture Gradient	0.619	psi/feet

C. Groundwater Classification

The groundwater in the Lower Fort Union Formation is classified as Class VI according to Wyoming Water Quality Rules and Regulations, Chapter 8. The Lower Fort Union Formation for the Federal Hanagan 1-15 injection well was previously exempted by the United States E.P.A. in a letter dated August 13, 1997. Groundwater classification and aquifer exemption were made for the following reasons:

1. It is located in such a way including depth below the surface and remote location to make use economically impractical;
2. Hydrocarbons are present within the formation water;
3. This well and formation have been a permitted receiver in the past. The water in this formation may be assumed to contain various dissolved contaminants injected legally through an existing Class I injection well permit (97-210).

D. Authorized Operations

The permittee is authorized to inject according to the following permit limits:

Table 3 (Permit Limits)

Description	Permit Limits	Units
Federal Hanagan 1-15		
Maximum Injection Rate	2,004	BPD
Surface Tubing Injection Pressure (Maximum)	1,300	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

The injection pressure shall be continuously monitored and recorded on a chart recorder or

digitally. The permittee shall continuously monitor the pressure on the casing annulus and tubing, and shall maintain a positive pressure on the annulus.

The permittee may conduct step injection tests to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests the permittee shall limit the injection pressure to 90% of the new fracture pressure as measured at the surface.

If the injection pressure and/or rate exceeds authorized limitations it is a violation of this permit and shall be reported pursuant to Section I of this permit.

The permittee is authorized to inject industrial processing wastes as follows:

Well workover wastes

This category includes water associated with drilling fluids used during the drilling of any oil and gas well or the water supply wells on oil and gas locations; rig wash water; well completion, treatment and stimulation fluids; waste produced during any workover or abandonment of an oil or gas well or test hole; wastes from subsurface gas storage and retrieval; liquid hydrocarbons removed from the production stream but not from oil refining; materials ejected from a producing well during the process known as blowdown;

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Well workover wastes - Authorization #1997-1**, rather than the name of the company generating the wastes.

Water and other tank bottoms

This category includes water and other tank bottoms from the storage facilities that hold crude oil, natural gas, gas condensate, or wastes which are exempt under the oil and gas exploration and production exemption to RCRA.

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters found in EPA Method 624 for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Water and other tank bottoms- Authorization #1997-2** rather than the name of the company generating these wastes.

Gas plant sweetening and dehydration wastes

This category includes gas plant sweetening wastes for sulfur removal including amines, backwash, and any wastes produced by a Bevon Stetford processing plant; gas plant dehydration wastes, and backwash.

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters found in EPA Method 624 for each company generating such wastes which are accepted under this provision. These analyses shall be accompanied by a complete

description of the waste sampled including the plant name and location, and whether the waste is glycol, amine, or caustic waste. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Gas Plant Wastes – Authorization #1997-3** rather than the name of the company generating these wastes.

Miscellaneous Oilfield Related Wastes

Cooling tower blowdown wastes on gas plant or other exempt sites; packing fluids; pigging wastes from in field gathering lines, but not from interstate pipeline systems;

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters found in EPA Method 624 for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Miscellaneous Oilfield - Authorization# 1997-4** rather than the name of the company generating these wastes.

Regulated Underground and Above Ground Storage Tank Wastes

Wastes generated during the removal or maintenance of Underground or Above Ground Storage Tanks, so long as those tanks are regulated facilities under the Above Ground and Underground Storage Tank Program administered by the Water Quality Division. Under this provision, wastes including water from inside an active tank, water found inside the tank during a removal operation, groundwaters contaminated by gasoline and diesel, and water used in any form of testing operation, may be injected without analyses and without prior approval. Permittee shall obtain a written statement from the generator of any such waste stating that the waste is from a storage tank regulated by the Water Quality Division. These statements shall contain the certification statement found in your permit. Please account for all such wastes on your quarterly report under the title **Regulated Tank Wastes – Authorization #1997-5** rather than the name of the company generating these wastes.

Oilfield Produced Water

This category includes all waters produced directly with the production of oil and gas and collected in the field where the oil and gas were produced. It does not include tank bottoms or water accumulated in gas processing plants, refineries, or intrastate or interstate pipe line facilities.

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Oilfield Produced Water - Authorization #1997-6**, rather than the name of the company generating the wastes.

Sump Wastes

Wastes known as "sump wastes" from floor drains and septic tanks at various sites. This general category includes wastes from sumps in automotive shops, gasoline stations, oilfield service industries, airports, and similar shops which perform mechanical work. This category does not

include industrial process wastes from manufacturing operations or wastes from sumps in shops which do not perform mechanical work. These wastes must be characterized fully prior to disposal to insure that they are not hazardous wastes. The Water Quality Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, and a comprehensive water analyses including all parameters found in EPA Method 624. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous sump waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters found in EPA Method 624. Please account for all such wastes on your quarterly report under the title **Miscellaneous Sump Waste – Authorization #1997-7** rather than the name of the company generating these wastes.

Bevill Amendment Wastes

The Bevill Amendment exempts most wastes generated in the mining industry from regulation under RCRA. Wastes covered by the Bevill Amendment to RCRA are detailed in 40 CFR 261.4(b)(7). This section of 40 CFR 261 sets up two (2) types of mining wastes which are exempt, beneficiation wastes and processing wastes. The two terms are almost interchangeable, except that processing usually refers to a process which produces a final end product, while beneficiation produces an intermediate product which must be further refined to be used. Once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters found in EPA Method 624. Please account for all such wastes on your quarterly report under the title **Bevill Amendment Waste – Authorization #1997-8** rather than the name of the company generating these wastes.

Water well wastes

This category of fluids includes water associated with drilling fluids used during the drilling of any water supply well, rig wash water, well completion, treatment and stimulation fluids, waste produced during any workover or abandonment of a water well, or a test hole including spent acid from acid fracturing or well acidizing jobs.

No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly reports under the heading **Water well wastes - Authorization #1997-9**, rather than the name of the company generating the wastes.

Miscellaneous Non-hazardous wastes

In addition to the authorizations contained in this permit, permittee may still obtain additional approvals for wastes which do not fit any of the above classifications. Any such waste must be characterized fully in order to insure that this waste is not a hazardous waste. The Water Quality

Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, a certification that the waste is not a listed hazardous waste, and a comprehensive water analyses for the waste. Since this is a very broad category of wastes, the exact analyses required will be based on the type of processes that generate the waste, and the type of contaminants likely to be present in the waste. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters included in the initial approval. Please account for all such wastes on your quarterly report under the title **Miscellaneous Non-Hazardous Waste – Authorization #1997-10** rather than the name of the company generating these wastes.

Wastes accepted under these blanket authorizations

For each type of waste accepted under any of the blanket authorizations contained in this permit, permittee shall require that the company generating these wastes provide a full written description of the wastes to support the fact that the wastes are similar to the wastes described in the authorization. Permittee shall keep records on site concerning the source of all such wastes. All wastes accepted under any authorization contained in this permit shall be neutralized to a pH of greater than 2.0 and less than 12.5.

Emit Water Discharge Technology, LLC

Emit Water Discharge Technology LLC can produce a wastewater which is very low in pH. Provided that this waste is neutralized to a pH of at least 2.0 in the original collection vessel this waste can be injected. Records of the volume of this waste shall be reported as a separate line item. Permittee shall provide a monthly field pH reading for this waste showing that it has been neutralized prior to disposal.

Corrosion Inhibitors

The composite injection stream may also contain a small amount of Nalco 7801 corrosion inhibitor. Nalco 7801 is an aqueous solution of alkaline amine phosphate ester and ethylene glycol. Nalco 7801 has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Betz GCP-188 deposit control additive. Betz GCP-188 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Tretolite SP-200 scale inhibitor. Tretolite SP-100 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Baker Petrolite SCW2600 scale inhibitor. Baker Petrolite SCW2600 deposit control additive has been shown to not meet the definition of hazardous waste under RCRA.

The composite injection stream may also contain a small amount of Tretolite NC-370 Biocide added to control bacterial growth in the injection system. Tretolite NP-370 biocide additive has been shown to not meet the definition of hazardous waste under RCRA.

Additional corrosion inhibitors may be used with the prior written approval of the Water Quality Division.

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 mechanical integrity of the well, 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 injection well covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 13, Section 11.

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 construction is complete.

G. Entry and Inspection

The permittee shall allow the Administrator, or an authorized representative for the Administrator (upon presentation of credentials and during normal working hours) to enter the premises where a regulated facility is located, or where records are kept under the conditions of this permit and inspect 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

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least three (3) years after closure of the facility.
3. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analysis were performed;
 - d. Names of individuals who performed the analyses;
 - e. The analytical techniques or methods used;
 - f. The results of such analyses.
4. No ground water monitoring program for near surface ground waters is required because of the excellent confinement of this formation.

I. Requirements for Monitoring the Discharge

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

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

The permittee shall continuously monitor the pressure of the casing/tubing annulus and shall maintain a positive pressure on the annulus. The pressure maintained shall not be less than 200 psig or more than 800 psig. The permittee shall continuously record the annulus pressure on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the wellhead. A high/low pressure kill switch shall also be installed on the casing/tubing annulus. This device shall be set to preclude violations of the permit for annulus pressure.

The permittee shall shut-in the well(s) covered by this permit annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line. This test shall be analyzed by the permittee using either the Miller Dyes Hutchinson (MDH) method or the Horner Method. In either case, graphs of this test shall be submitted to include either the MDH or Horner Plot and a Log-Log plot after injection. From these plots, the transmissivity md-ft/cp, the permeability in md, and the dimensionless skin factor shall be calculated and submitted to the Water Quality Division with the next quarterly report after the test is done.

The permittee shall monitor the quality of the injected water on an approved schedule. The Administrator may add or delete parameters to be analyzed or change reporting frequencies. The parameters identified in **Table 4** shall be analyzed by the listed methods and reported quarterly.

Table 4 (Quarterly Sampling Schedule)

EPA Analytic Method	Parameter Analyzed	CAS Number	Proposed Permit Limit or UCL (mg/L)
SM2540	Total Dissolved Solids	None	*
376.1	Hydrogen Sulfide	7783-06-4	*
SM4500H+B	pH	None	>2 - <11 s.u.
206.5	Arsenic (metal)	7440-38-2	*
239	Lead (metal)	7439-92-1	*
245	Mercury (metal)	7439-97-6	*
375.2	Sulfate	None	*
420	Total Phenolic Hydrocarbons	108-95-2	*
624	1,1,1,2-Tetrachloroethane	630-20-6	*
624	1,1,1-Trichloroethane	71-55-6	*
624	1,1,2,2-Tetrachloroethane	79-34-5	*
624	1,1,2-Trichloroethane	79-00-5	*
624	1,1-Dichloroethane	75-34-3	*
624	1,1-Dichloroethene	75-35-4	*
624	1,1-Dichloropropene	563-58-6	*
624	1,2,3-Trichlorobenzene	87-61-6	*
624	1,2,3-Trichloropropane	96-18-4	*

624	1,2,4-Trichlorobenzene	120-82-1	*
624	1,2,4-Trimethylbenzene	95-63-6	*
624	1,2-Dibromo-3-chloropropane	96-12-8	*
624	1,2-Dibromoethane	106-93-4	*
624	1,2-Dichlorobenzene	95-50-1	*
624	1,2-Dichloroethane	107-06-2	*
624	1,2-Dichloropropane	78-87-5	*
624	1,3,5-Trimethylbenzene	108-67-8	*
624	1,3-Dichlorobenzene	541-73-1	*
624	1,3-Dichloropropane	142-28-9	*
624	1,4-Dichlorobenzene	106-46-7	*
624	2,2-Dichloropropane	590-20-7	*
624	2-Chloroethyl vinyl ether	110-75-8	*
624	2-Chlorotoluene	95-49-8	*
624	2-Hexanone	591-78-6	*
624	4-Chlorotoluene	106-43-4	*
624	Acetone	67-64-1	*
624	Acetonitrile	75-05-8	*
624	Acrolein	107-02-8	*
624	Acrylonitrile	107-13-1	*
624	Benzene	71-43-2	*
624	Bromobenzene	108-86-1	*
624	Bromochloromethane	74-97-5	*
624	Bromodichloromethane	75-27-4	*
624	Bromoform	75-25-2	*
624	Bromomethane	74-83-9	*
624	Carbon disulfide	75-15-0	*
624	Carbon tetrachloride	56-23-5	*
624	Chlorobenzene	108-90-7	*
624	Chlorodibromomethane	124-48-1	*
624	Chloroethane	75-00-3	*
624	Chloroform	67-66-3	*
624	Chloromethane	74-87-3	*
624	cis-1,2-Dichloroethene	156-59-2	*
624	cis-1,3-Dichloropropene	10061-01-5	*
624	Dibromomethane	74-95-3	*
624	Dichlorodifluoromethane	75-71-8	*
624	Ethyl Acetate	141-78-6	*
624	Ethylbenzene	100-41-4	*
624	Hexachlorobutadiene	87-68-3	*
624	Iodomethane	74-88-4	*
624	Isopropylbenzene	98-82-8	*
624	m+p-Xylenes	1330-20-7	*
624	Methyl ethyl ketone	78-93-3	*

624	Methyl isobutyl ketone	108-10-1	*
624	Methyl tert-butyl ether (MTBE)	1634-04-4	*
624	Methylene chloride	75-09-2	*
624	n-Butylbenzene	104-51-8	*
624	n-Propylbenzene	103-65-1	*
624	Naphthalene	91-20-3	*
624	o-Xylene	95-47-6	*
624	p-Isopropyltoluene	99-87-6	*
624	sec-Butylbenzene	135-98-8	*
624	Styrene	100-42-5	*
624	tert-Butylbenzene	98-06-6	*
624	Tetrachloroethene	127-18-4	*
624	Toluene	108-88-3	*
624	trans-1,2-Dichloroethene	156-60-5	*
624	trans-1,3-Dichloropropene	10061-02-6	*
624	Trichloroethene	79-01-6	*
624	Trichlorofluoromethane	75-69-4	*
624	Vinyl acetate	108-05-4	*
624	Vinyl chloride	75-01-4	*
624	1,2-Dichloroethene (Total)	540-59-0	*
624	BETX, Total	BETX	*
624	Xylenes, Total	1330-20-7	*

All chemical parameters listed in this permit are expressed in mg/L unless otherwise noted. 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.

The above upper control limits (UCL) are not to be exceeded in any sample. UCLs are derived from Wyoming Water Quality Rules and Regulations, Chapter 13, Appendices A and B, and Chapter 8. The lowest UCL shall apply if there are any conflicts between rules and parameters. Exceedances of these values are a violation of this permit and shall require notification under Section K of this permit. Failure to perform and report analyses in accordance with the prescribed schedule and method is also a violation of this permit. *The undefined permit limit or UCL's are only for exempted wastes that are injected. Any wastes that are non-exempt require analysis for hazardous waste limits and approval by the Department prior to injection.

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

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
4. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
5. Monitoring results shall be reported at intervals specified in Section D and/or Section I of this permit.
6. 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 fourteen (14) days following each schedule date.
7. The permittee shall report any noncompliance which may endanger health or the environment, orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.
 - c. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
8. The permittee shall report all instances of noncompliance not reported otherwise at the time monitoring reports are submitted.

9. Where the permittee becomes aware that it failed to submit any relevant acts in a permit application, or submitted incorrect information in a permit application or in any report to the Administrator, it shall promptly submit such facts or information.
10. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The Administrator may require the owner/operator to deliver the records to the Administrator at the conclusion of the retention period.
11. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the Administrator, and
 - b. The Administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the Administrator of intent to inspect or otherwise review the facility within fourteen (14) days of the well completion notice (above) in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the Administrator.
12. The quarterly report of operations for this well shall include the following information:
 - a. The minimum, average and maximum daily injection rate for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
 - b. The minimum, average, and maximum daily injection pressure for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
 - c. The total injection volume in barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date.
 - d. The maximum and minimum annulus pressure for each month of the quarter.
 - e. Any permit exceedences within the quarter.
 - f. Any tests run during the quarter. This includes but is not limited to the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.

- g. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than forty-five (45) days after the end of each calendar quarter.
13. The annual report of operations on this well shall include the following additional information:
- a. A graphical representation of the injection pressure and volume for the previous five year's operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.
 - b. Graphical representations of the quality of the injected water overtime. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.
 - c. Analytical results required by Section I of this permit.
14. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the Administrator within thirty (30) days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

L. Permit Actions

This permit is issued for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator prior to the expiration date of this permit. An expired permit continues in effect until a new permit is issued or the permit is terminated by the Administrator.

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;
2. Obtaining a permit by misrepresentation of facts in the application; or
3. Failure of the casing, cement or the confining layer.

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

M. Mechanical Integrity

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

Part I of the mechanical integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. Prior to injection and at least once every five (5) years, and more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 2,000 psig. A successful test shall show that there has been less than 10% pressure loss after fifteen (15) minutes at 2,000 psig.

Part II of the mechanical integrity test shall demonstrate the absence of fluid movement behind the casing. Prior to injection and at least once every five (5) years, and more frequently if required by the Administrator, each of these wells shall be logged using a radioactive tracer (RTS) log and a temperature log and the results and their interpretation shall be reported to the Water Quality Division along with the next quarterly report.

Other types of logs may be substituted for Part II of the mechanical integrity test with the prior written approval of the Water Quality Division.

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

If at any time injection occurs in any zone not within the permitted receiver, a permit violation has occurred. The operator shall prepare an estimate of the volume and quality of all wastewaters which were injected outside of the permitted receiver. In the case where any aquifer meeting the standards for Class I through IV under Wyoming Water Quality Rules and Regulations, Chapter 8, has been contaminated due to out of zone injection, the operator shall prepare and implement a plan to recover these solutions and inject them into the proper receiver.

N. Plugging and Abandonment

The permittee shall notify the Administrator at such times as the permit requires before conversion or abandonment of the well. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the

applicant/permittee shall notify the director and follow the procedure prescribed by the director for plugging and abandonment or the discontinuance of related activities:

The well plugging and abandonment procedures shall be as stringent as the Well Abandonment procedures outlined in the permit application (item J) dated August 23, 2007.

In no case shall the abandonment procedure be less stringent than required by the EPA nationwide for Class I non-hazardous waste wells at the time of abandonment.

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

O. Duties of the Permittee

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

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

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

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

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

P. Financial Responsibility

The permittee is required to maintain financial responsibility and resources in a form approved by the director, to close, plug and abandon the discharge operation, and reclaim the surface facilities in a manner prescribed by the director. The financial assurance consists of a Certificate of Deposit in the amount of \$63,500 from Pinnacle Bank of Thermopolis, Wyoming. This Certificate of Deposit or replacement financial instruments shall be maintained as long as this well is covered under this permit.

Q. Special Permit Conditions

In addition to the conditions required of all permits, the Administrator has established conditions as required for monitoring, schedules of compliance, and such additional conditions as are necessary to prevent the migration of fluids into underground sources of drinking water. These conditions are established in conformance with Chapter 13, Section 9(e).

R. Signatories Requirement

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

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

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

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

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

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

or

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

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

S. 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 13 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.

T. Permit Transfer

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

U. Property Rights

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

V. Severability

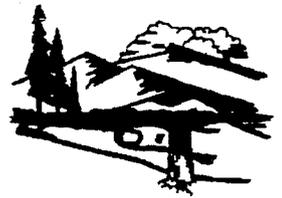
Nothing in this permit shall be construed to preclude the institution of any legal action or to relieve the permittee from any responsibilities, liabilities, or penalties established pursuant to any applicable state law or regulation.

The provisions of this permit are severable, and if any provision of the permit, or the application of any provision of this permit to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.

JAP/rm/8-0379



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

May 19, 2008

Mel's Water Service
P.O. Box 37
Lysite, WY 82642

RE: 07-595, Mel's Water Service
Class I injection permit, Fremont County

Dear Ms. Knigge:

Attached please find one copy of the Class I permit. This permit requires reporting on a quarterly basis within thirty (30) days of the end of each calendar quarter, an annual pressure falloff report at the end of each year, and a mechanical integrity test once every five (5) years. The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link), or one may have the lab submit them using EQUIS Electronic Data Deliverable (EDD) at the following site: <https://gem.trihydro.com>

The underground injection control program was promulgated to prevent serious problems caused by direct discharges to the groundwater. Those problems included groundwater pollution leading to contamination in domestic water wells and serious health affects caused by exposures to toxic substances and water borne pathogens. Your cooperation with our program is sincerely appreciated.

If you have any questions please do not hesitate to contact me at (307) 777-5623 or by internet at jpass@state.wy.us

Sincerely,

John A. Passehl, P.G.
UIC Geologic Supervisor
Water Quality Division

JAP/rm/8-0379
Enclosure: Permit

cc: Ken Cooper, P.E., Petrotek Engineering Corporation, 10288 West Chatfield Avenue,
Suite 210, Littleton, CO 80127
Kevin Frederick, WDEQ

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

October 4, 2007

Cliff Barnes, Vice President
2 C Ltd., A Wyoming Corp.
Box 1178
Dubois, WY 82513

RE: Cedar's Addition Water Line, Permit Number: 07-596, SW ¼, Section 12, T41N, R107W, Fremont County

Dear Mr. Barnes:

This project involves the installation of approximately 1,965 linear feet of 6-inch water line, a river crossing, and eight residential service connections. A variance was requested from Chapter 12, Section 14(b)(ii) which requires a minimum 8-inch diameter size for dead end water lines longer than 250 feet. The variance is granted since a minimum 20 psi pressure can be maintained in the distribution system with the proposed 6-inch water main under a fire suppression event. DEQ understands that the water main will be properly protected at sewer line crossings by either meeting minimum separation distances or by placing the water line in a separate conduit pipe. The above application for coverage under General Permit 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 James Brough at 307-332-3144.

Sincerely,

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

xc: IPS, Cheyenne
Jerald Crews, P.E., Cardinal Design Group, 405 South 7th St. East, Riverton, WY 82501
Arvin Miller, Town of Dubois, P.O. Box 555, Dubois, WY 82513

encl: General Permit For a Public Water 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

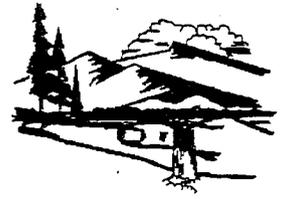
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

September 27, 2007

Shirley Ann Lerwill
P.O. Box 1014
Thermopolis, WY 82443

RE: Lerwill Residential Small Wastewater Treatment Facility, Permit Number: 07-597, NE 1/4, Section 7, T44N, R94W, Hot Springs County

Dear Ms. Lerwill:

The above application for coverage under General Permit to construct a gravity flow septic tank and leachfield to serve a three bedroom home 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 with the following comment.

A soil cover depth of 12 inches over the infiltrator units is labeled on the drawings. However, a general comment on page 6 of the application states leachfield will be going against grade and the soil cover depth at the south end of the field will be about 46 inches. DEQ recognizes that better treatment occurs in the soil at shallower depths because of the presence of oxygen. DEQ recommends that the soil cover depth not exceed three feet.

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. Please contact Lee Campbell, Hot Springs County Planner, at 307-864-2961 to schedule a construction inspection at least 24 hours prior to the beginning of construction.

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

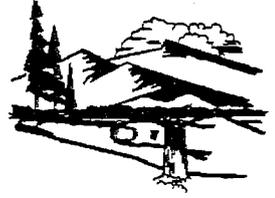
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 7, 2007

Dennis Sackrider
P.O. Box 687
Pinedale, WY 82941

RE: Lot 14 - Small Enhanced Wastewater Treatment System- Permit Number 07-598, SE1/4 Section 10, T32N, R109W, Sublette County, Old Brazzill Ranch Subdivision, 2nd Filing

Dear Mr. Sackrider:

The above application for coverage under General Permit to Construct a small enhanced wastewater treatment facility, to serve a four bedroom home, in accordance with Chapter 3, Section 7, Chapter 11, Part D and Section 5, Chapter 23, Section 7(d)(viii) of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

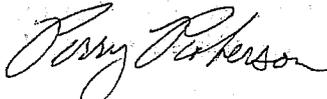
- 1 of 4 This permit is for an enhanced (1500 gallon septic tank with a 0.5 MicroFast Treatment Unit) small wastewater treatment system. The permittee is required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements 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. Annual maintenance documentation must be submitted before December 31 of each year, starting December 31, 2008 to: Southwest District Engineer, Wyoming Department of Environmental Quality, 510 Meadowview Drive, Lander, WY 82520. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statute 35-11-301.



- 2 of 4 The permittee shall ensure that the system is maintained and regularly serviced, as recommended by the manufacturer, for the life of the system. An inspection of the system, as recommended by the manufacturer in the owner's manual, shall be performed every six months by a qualified or certified individual to ensure the system is operating correctly, and to determine when maintenance is required.
- 3 of 4 In the event that authority for permitting enhanced small wastewater treatment systems is delegated to Sublette County by the Department of Environmental Quality, the permittee shall be subject to all county requirements and resolutions that may be in effect, or subsequently enacted, affecting the inspection, operation, maintenance, monitoring, or replacement of this system.
- 4 of 4 This 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 at least 6 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)

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

Sincerely,



Perry Roberson
Consulting Engineer
Water Quality Division



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

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941
Aaron Seehafer, Rio Verde Engineering

encl: General Permit for Small Wastewater Treatment Systems



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 10, 2007

Scott and Deb Williams
20669 N.W. Pumpkin Ridge Road
North Plains, Oregon 97133

RE: Scott Williams Residential Septic System, Bear Lodge Hills Subdivision, Crook County
Permit # 07-599

Dear Mr. and Mrs. Williams:

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





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

September 6, 2007

John Benedict
P.O. Box 1133
Sundance, Wyoming 82729

RE: Benedict Residential Septic System, Bear Lodge Hills Subdivision, Crook County
Permit # 07-600

Dear Mr. Benedict:

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

