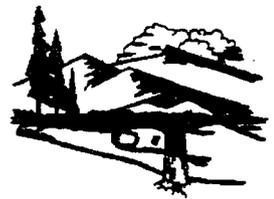




Department of Environmental Quality



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

March 21, 2008

Saddlehorn Unlimited, Inc.
Attn. Jay Deveraux, President
304 S. 3rd Street
Laramie, Wyoming 82070

RE: Overland Heights Addition—Water & Sewer Extensions, Application No. **08-051**
Location: NW¼ SW¼, Section 3, T15N, R73W, Albany County

Dear Mr. Deveraux:

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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The approval granted under this Notification Of Coverage and the General Permit shall expire on March 21, 2010. Please reference Application Number 08-051 in any future correspondence.

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

Sincerely,

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

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

RLE/rm/8-0231

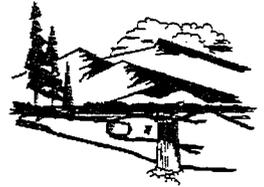
Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water
Supply Distribution Systems
GENERAL PERMIT - Extensions/Modifications of Existing Sewage
Collection Systems
Certificate of Completion form

cc: IPS, Cheyenne
James Johnson, Johnson Engineering Associates, 110 Superior Court,
Laramie, Wyoming 82072
City of Laramie, Attn: Larry Ketcham, City Engineer, P.O. Box C, Laramie,
Wyoming 82073



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

February 28, 2008

Shawn O'Malley, P.E.
Town of Jackson
P.O. Box 1687
Jackson, WY 83001

RE: West Kelly Ave. Water Line Replacements, Permit Number: 08-052, Section 33,
T41N, 116W, Teton County

Dear Mr. O'Malley:

This project involves the installation of approximately 3,900 linear feet of 8-inch and 600 linear feet of 12-inch ductile iron waterline and 38 residential water tap replacements along or near West Kelly Avenue. This 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 me at 307-332-3144.

Sincerely,

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

xc: James Ramage, P.E., Valley West Engineering, P.O. Box 4852, Jackson, WY 83001
IPS, Cheyenne

encl: General Permit For a Public Water Supply Distribution System



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-053

REFERENCE PERMITS NO. 07-755, 06-424

WDEQ-WTR TRT FAC & ELEVATED STORAGE TANK
PWS WY5600164

This permit hereby authorizes the applicant:

STATE OF WYOMING DEPARTMENT OF CORRECTIONS
700 WEST 21 ST ST
CHEYENNE, WY 82002

to construct, install or modify a prison water treatment facility and elevated storage tank according to the procedures and conditions of the application number 08-053. The facility is located in NW 1/4 Section 7 T24N R60W; Goshen County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 10, 2011.

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

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

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

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

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

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

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

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

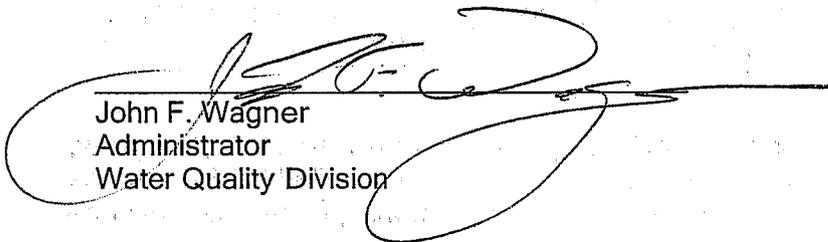
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

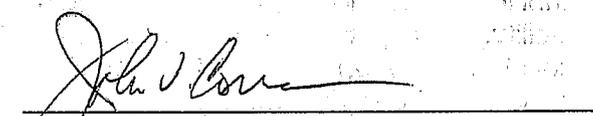
- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations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

- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

Date of Issuance 2/5/08

LBH/rm/8-0097

cc: Bob Kiser, Wyoming Department of Corrections
Bruce Creamer, Black & Veatch, 6300 S. Syracuse Way #300, Centennial, CO 80111

STATEMENT OF BASIS

1. Permit Number: 08-053
2. This application was reviewed for compliance with the applicable regulations ;

Chapters 3, 12

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

Yes

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

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on February 4, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-054R

Town of Kirby - Treated Water System Improvement Project
PWS #WY5600236

This permit hereby authorizes the applicant:

Don Larson, Mayor
Town of Kirby
P.O. Box 56
Kirby, WY 82430

to replace 4-inch and 6-inch cast iron water mains with 6-inch and 8-inch PVC water mains; install new 8-inch PVC transmission line; replace chlorine metering pump, 2-inch water meter, and pressure reducing valve with an altitude control valve; and reroute supply line to 53,000-gallon storage tank; according to the procedures and conditions of the application number 08-054R. The main purposes of this project are to improve water quality issues due to over chlorination, short circuiting within the existing tank, and to improve fire suppression capabilities with larger, looped water mains. The facility is within Sections 6 & 7, T44N, R94W in the county of Hot Springs, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2010.

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

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

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

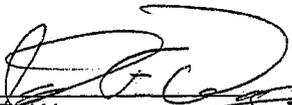
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

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.

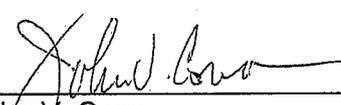
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

3-11-08
Date of Issuance
JSB/rm/8-0171

STATEMENT OF BASIS

1. Permit Number: 08-054R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water systems are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on March 3, 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: Heath Overfield, P.E., Engineering Associates, 429 Broadway, Thermopolis, WY 82443

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-055

Indian Paintbrush #2 Well Deepening
PWS #WY5600758

This permit hereby authorizes the applicant:

George Erb, Treasurer
Indian Paintbrush Association, Inc.
P.O. Box 500
Wilson, WY 83014

to deepen an existing well from a 350-foot depth to about a 600-foot depth; according to the procedures and conditions of the application number 08-055. The existing well was completed in fractured bedrock and the production rate has declined from about 90 to 30 gallons per minute from 1999 to 2007. The facility is located in the mountains on the west side of valley and south of Wilson and is within NW ¼, SE ¼, Section 33, T41N, R117W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 1, 2010.

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

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

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

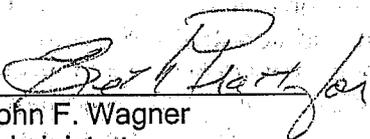
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

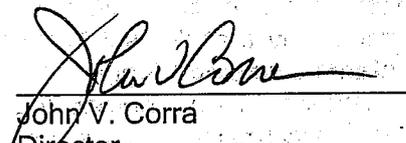
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

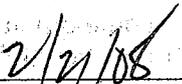
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality


Date of Issuance

JSB/rm/8-0131

STATEMENT OF BASIS

1. Permit Number: 08-055
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supply wells are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on February 15, 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: Steve Wonacott, P.E., Advance Engineering, 2085 South Park Ranch Rd., Jackson, WY 83001



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

March 31, 2008

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

RE: Cross Creek II Subdivision, Sheridan County
WDEQ Application #08-057

Dear Commissioners:

Attached, please find comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the subdivision application materials submitted to WDEQ pursuant to Wyoming Statute §18-5-306. The subdivision application was received in this office on January 31, 2008. The Department of Environmental Quality is required by law to respond with comments within 60 days after receipt of the application as described in W.S. §18-5-306 (c). The 60-day time statute as defined in W.S. §18-5-306 has expired. The statute does not allow the extension of the 60-day completion date even with the consent of all parties.

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

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

Sincerely,

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

Attachments: WDEQ Comments

cc: Larry Warren, 939 Second Avenue East, Sheridan, WY 82801
Thomas J. Pilch, PE/PG, Pilch Engineering, 41 E. Burkitt Street, Sheridan, WY 82801
Bruce Yates, P.E., Sheridan County Engineer, 224 S. Main Street, Suite B8, Sheridan, WY 82801
Mike Ebsen, SEO
WDEQ File
IPS (Cheyenne)



**SUBDIVISION PROGRAM
REVIEW OF PLANS & SPECIFICATIONS / REPORTS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
152 North Durbin Street, Suite 100
Casper, Wyoming 82601
Phone (307) 473-3465**

PROJECT: Cross Creek II Subdivision

LOCATION: Sheridan County

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

OWNER/REPRESENTATIVE: Larry Warren, 939 Second Avenue East, Sheridan, WY 82801

WATER QUALITY DIVISION APPLICATION NUMBER: 08-057

DATE ON PROPOSAL/PLANS/REPORT: January 2008

DATE RECEIVED BY DEQ: January 31, 2008

DATE OF THIS REVIEW: March 31, 2008

WDEQ REVIEWER: Karen L. Farley, P.E.

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

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

WDEQ COMMENTS

Safety and Adequacy of Proposed Sewage System

- 1) Chapter 23 of the Wyoming Department of Environmental Quality, Section 7 (d), requires that any proposed on-lot sewage systems will not cause the level of nitrates in the groundwater to exceed 10 mg/L at the property boundaries and any wells. The consultant used the Wehrmann model to analyze nitrate concentrations at the northern property line. The model demonstrated that the levels of nitrates would be 7.6 mg/L at the northern property line. Because the groundwater flow is generally to the north-northeast, we have concerns about this. The first concern is this:
 - a) Cross Creek I Subdivision was approved in 2005. The Wehrmann model provided in that

Chapter 23 report estimated that nitrate concentrations would be 6 mg/L in the groundwater at the eastern boundary. However, the model was likely created with a starting low ambient nitrate level as there was no development at that time to the immediate west of the subdivision. If Cross Creek II shows a potential of having 7.6 mg/L at the north-northeastern property line, which is the south-southwestern most property line of Cross Creek I, then the model used for Cross Creek I is no longer valid, and it would likely fail the 10 mg/L limit at the property boundary.

- b) There appear to be many other houses to the west and south of Cross Creek II. It seems likely that there may be an elevated level of nitrates at the southern-most property line of Cross Creek II, given all of the existing septic systems. It is advised that an analysis of the groundwater for nitrate levels be done at this location to determine what the actual levels are. Once ambient nitrate concentrations are determined, the Wehrmann models for BOTH subdivisions will need to be run again, with Cross Creek II evaluated first, then Cross Creek I.

Safety and Adequacy of Proposed Water System

The water supply for this subdivision is proposed to be provided by the Sheridan Area Water System (SAWS). The report states that a letter from SAWS would be submitted under separate cover; however, as of the writing of this correspondence, this letter has not been received.



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

March 27, 2008

David Fagnant, Mayor
Town of Kemmerer
220 Wyo Hwy 233
Kemmerer, WY 83101

RE: South Lincoln Event and Training Center - Water and Sewer Main Extensions - Permit Number 08-058R, SW 1/4 Section 12, T21N, R116W, Lincoln County

Dear Mr. Fagnant:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system and the extension of a sewage collection system to serve the South Lincoln Event Center 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
Harry Moore, P.E., Uinta Engineering and Surveying, 808 Main Street, Evanston, WY 82930

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





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

February 8, 2008

Zia Yasrobi, P.E., Development Director
Resort Construction, Inc.
P.O. Box 14250
Jackson, WY 83002

RE: Wagon Wheel Campground Sewer and Water Line Replacements, Permit Number: 08-059, NE ¼, SE ¼, Section 28, T41N, 116W, Teton County

Dear Mr. Yasrobi:

This project involves the construction of approximately 1,800 linear feet of 6-inch PVC sewer line with multiple clean-outs and 970 linear feet of 4-inch PVC water line to serve fifty-six RV pads. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

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

xc: Brendan Thorpe, Ward Engineering Group, 231 West 800 South, Suite A, S.L.C., UT 84101
IPS, Cheyenne

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

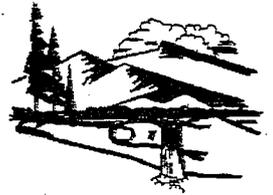
WATER QUALITY
(307) 332-3144
FAX 332-3183





Department of Environmental Quality

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



Dave Freudenthal, Governor

John Corra, Director

September 10, 2008

Greg Schamber
EnCana
P.O. Box 2060
Pinedale, WY 82941

RECEIVED
SEP 10 2008
DEQ

RE: EnCana Jonah Field Office - Public Water System

Dear Mr. Schamber:

Your permit application materials are being returned since no written response has been received as requested in the Wyoming Department of Environmental Quality's March 10, 2008 permit application review letter. According to Chapter 3 of the Water Quality Rules and Regulations Section 9(a)(B), If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned.

As per the attached June 10, 2008 letter from Amy Allen, P.E. it is the understanding of the Wyoming DEQ that Wester & Wetstein & Associates will complete the permitting requirements for the proposed public water system. The specific information for your proposed project is as follows:

Facility Name: EnCana Field Office Public Water System
DEQ/WQD Reference Number: #08-060
DEQ/WQD Reviewing Engineer: Mark Baron, P.E.
Date of DEQ/WQD Review: March 10, 2008

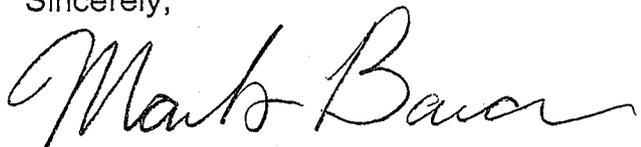
The construction, installation, or modification of any sewerage system, treatment works, disposal system including septic systems, or other facility capable of causing or contributing to pollution, or public water supply system including water mains, water wells, water services greater than 2-inch in diameter or other facilities without a Permit to Construct, is a violation of Wyoming State Statute 35-11-301.

If you have any questions regarding my review comments or this letter, please contact me at 307-335-6962.



SEP 5 2008
LQD

Sincerely,



Mark Baron, P.E.
Southwest District Engineer

MDB/mdb

Enclosure: Permit Application Package 08-060

xc:

Amy M. Allen, P.E., JFC Engineers & Surveyors, 1515 Ninth Street, Rock Springs, WY 82901

Brian Welsh, Plan One Architects, 4020 Dewar Drive, Suite A, Rock Springs, WY 82901

IPS

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

February 22, 2008

Mr. Robert Kiser
WYO DEPT OF CORRECTIONS
700 W. 21ST STREET
CHEYENNE, WY 82002

RE: WYOMING STATE PENITENTIARY WATER LINE REPLACEMENT
Application No. **08-061**, Carbon County

Dear Mr. Kiser:

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 NW1/4 Section 27 T21N R87W; Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-061** 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/8-0141

cc: IPS, Cheyenne

Gary N. Grigsby, Western Research & Development, 5908 Yellowstone Rd., Cheyenne, WY.
82009

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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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 **08-062**
UIC Facility Number WYS-033-00249

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: Fidelity Exploration & Production Co.
1700 Lincoln Ave., Suite 2800
Denver, CO 80203
(303) 893-3133

Fidelity Exploration and Production Co. (FEPCO), hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the Wyarno JV North Subsurface Dispersal System in Sections 8, 9, 15, 16, 23, 25 and 26, Township 57 North, Range 81 West, 6th Principal Meridian, Sheridan County, according to the procedures and conditions of application UIC 08-062 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

5/21/08
Date



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

5/22/08
Date

WDF/rm/8-0383

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A. Discharge Zone

The FEPCO Wyarno JV North Subsurface Dispersal System is authorized to inject into the alluvial and colluvial deposits adjacent to the Badger Creek, an intermittent stream in northern Sheridan County. Badger Creek is a tributary to the Tongue River.

B. Well and Area of Review

The injection wells associated with the Wyarno North JV Subsurface Dispersal System are located as follows:

Carter 8 Field: SENWNW, SWNW, S $\frac{1}{2}$ SE $\frac{1}{4}$ NW $\frac{1}{4}$, SWSWNE, W $\frac{1}{2}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ SW $\frac{1}{4}$, NWSESW, NESESW, SESESW, N $\frac{1}{2}$ SE $\frac{1}{4}$, N $\frac{1}{2}$ S $\frac{1}{2}$ SE $\frac{1}{4}$, Section 8, Township 57 North, Range 81 West.

Hutton 16 Field: S $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, of Section 9, Township 57 North, Range 81 West, and N $\frac{1}{2}$ NW $\frac{1}{4}$ SW $\frac{1}{4}$, SENWSW, S $\frac{1}{2}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$ SW $\frac{1}{4}$, SESESW, NWNWSE, SWSWSE, SESWSE of Section 15 and NENWNW, N $\frac{1}{2}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$, NWNENE, NWSENE, S $\frac{1}{2}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$, NESESE of Section 16, Township 57 North, Range 81 West.

Hutton 23 Field: SW $\frac{1}{4}$ of Section 23, Township 57 North, Range 81 West.

Hutton 25 Field: SENE of Section 26, Township 57 North, Range 81 West and S $\frac{1}{2}$ NW $\frac{1}{4}$, NWNWSE of Section 25, Township 57 North, Range 81 West.

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

Carter 8 Field: NESE, SENE, NENE, Section 7, Township 57 North, Range 81 West;
W $\frac{1}{2}$, SE $\frac{1}{4}$, SWNE, Section 8, Township 57 North, Range 81 West;
SWSW, Section 9, Township 57 North, Range 81 West;
NWNE, NENW, Section 17, Township 57 North, Range 81 West.

Hutton 16 Field: S $\frac{1}{2}$ of SW, SWSE, Section 9, Township 57 North, Range 81 West;
SWNW, SW $\frac{1}{4}$, SWSE, Section 15, Township 57 North, Range 81 West;
N $\frac{1}{2}$ of NW, NE $\frac{1}{4}$, NESE, Section 16, Township 57 North, Range 81 West.

Hutton 23: S $\frac{1}{2}$ of NW, SWNE, SW $\frac{1}{4}$, W $\frac{1}{2}$ of SE, Section 23, Township 57 North, Range 81 West;
NENW, Section 26, Township 57 North, Range 81 West.

Hutton 25: NW $\frac{1}{4}$, W $\frac{1}{2}$ of NE, N $\frac{1}{2}$ of SE, N $\frac{1}{2}$ of SW, Section 25, Township 57 North, Range 81 West;
SWNE, E $\frac{1}{2}$ of NE, NESE, Section 26, Township 57 North, Range 81 West.

The area of review is based on the following:

The area of review was calculated in part using methods described in Water Quality Rules and Regulations, Chapter 23, Appendix B, and horizontal hydraulic conductivities for alluvial systems as described in Ground Water Manual, (US Department of the Interior, 1981).

The primary receiving aquifer is the alluvium and colluvium of Badger Creek. The underlying bedrock aquifer is a potential secondary receiving aquifer, however, this aquifer will unlikely become impacted by the proposed system because of the facility design and operation.

Detailed water balance analyses, determinations of vadose zone storage potentials and travel time calculations suggest that neither surface nor ground water should be impacted by the operation of this facility.

C. Groundwater Classification

Fourteen monitor wells were installed in the semi-confined alluvial aquifer and three additional monitor wells were installed in bedrock in the project area and used to characterize the groundwater.

Groundwater samples were appropriately collected from all wells. The alluvial groundwater was classified by the WDEQ as Class IV. In accordance with Wyoming Water Quality Rules and Regulations, Chapter 8, Table 1, all alluvial wells exceed Class III standards for TDS and all but two alluvial wells (MW21-1671 and MW24-1571A) exceeded Class III standards for TDS and sulfate.

The bedrock aquifer has been classified by the WDEQ as a mixture of Class III and Class IV groundwaters. One up-gradient bedrock ground water well (MW23-2371) in the Hutton 23 field exceeds Chapter 8 Class II standards for TDS and sulfate. One up-gradient bedrock ground water well (MW11-2571) exceeded the Class I standard for sulfate and the Class II standard for SAR.

D. Authorized Operations

The permittee is authorized to inject up to 4.670 million gallons per day of produced coalbed methane water through the FEPCO WYarno JV North Subsurface Dispersal System. The produced water originates from coal bed methane wells completed in the Smith, Dietz 1, Dietz 2, Dietz 3, Monarch, and Carney coal seams. Water migrating from the drip irrigation system is not authorized to enter into Badger Creek.

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 construction is complete and the permit is approved.

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

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

4. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
5. 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.
6. 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.
7. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
8. 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 1 below.

Table 1 (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 (Carter 8, Hutton 16, Hutton 23, Hutton 25)	Flowmeter	The combined volume of flow from all four fields shall not exceed 4.670 million gallons/day.
Annually 12/31	Total Dissolved Solids	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 2.

Table 2 (Groundwater Sampling Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL*
ALL *	Monthly	Quarterly (3/31; 6/30; 9/30; 12/31)	Depth to static water (ft)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
MW13-0871, MW24-0871, MW32-0871, MW44-0871, MW21-1671, MW24-1571A, MW31-1671, MW42-1671A, MW42-1671B, MW13-2371, MW24-2371, MW32-2571	Semi-annually	Semi-annual 3/31; 9/30	Total Dissolved Solids	EPA 160.1	10,000 milligrams/liter
MW13-0871, MW24-0871, MW32-0871, MW44-0871, MW21-1671, MW24-1571A, MW31-1671, MW42-1671A, MW42-1671B, MW13-2371, MW24-2371, MW32-2571	Semi-annually	Semi-annual 3/31; 9/30	Sodium Adsorption Ratio	Calculated	None (tracking purposes: surface water protection)
MW13-0871, MW24-0871, MW32-0871, MW44-0871, MW21-1671, MW24-1571A, MW31-1671, MW42-1671A, MW42-1671B, MW13-2371, MW24-2371, MW32-2571	Semi-annually	Semi-annual 3/31; 9/30	Bicarbonate	SM 2320B	None (tracking purposes: surface water protection)

* = All monitoring wells refer to the following MW13-0871, MW24-0871, MW32-0871, MW44-0871, MW21-1671, MW24-1571A, MW24-1571B, MW31-1671, MW42-1671A, MW42-1671B, MW13-2371, MW23-2371, MW24-2371, MW11-2571, MW32-2571, MW33-2571, MW42-2671

The following wells are exempt from further chemical analytical monitoring:

Mw24-1571B – Class IV-B

MW33-2571 – Class IV-B

MW23-2371 – Upgradient well

MW42-2671 – Class IV-B

MW11-2571 -- Upgradient well.

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

Table 3 (Surface Water Sampling Schedule)

SURFACE WATER STATION NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UGL
SW13-0871 to SW24-0871; SW21-1671 to SW24-1571 to SW42-1671; SW13-2371 to confluence with Badger Creek and the unnamed ephemeral drainage in the SE ¼ Section 23, T. 57N, R. 81W; SW42-2671 to SW33-2571	Monthly	Quarterly 3/31; 6/30; 9/30; 12/31	Surface Seeps	Visual Inspection	Presence of water
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Depth to static water (ft)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Total Dissolved Solids	EPA 160.1	None (tracking purposes: surface water protection)

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Table 3 (Surface Water Sampling Schedule)
(continued)

PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sulfate and Chloride	EPA 300.0	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Alkalinity as Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	Quarterly	Quarterly 3/31; 6/30; 9/30; 12/31	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)
PZ13-0871, PZ24-0871, PZ21-1671, PZ42-1671, PZ24-1571, PZ42-2671, PZ2571, PZ42-2671, PZ33-2571	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 by filling out a Construction Completion Notification Form, which is available on the internet at the following link:

http://deq.state.wy.us/wqd/groundwater/uicprogram. Table 4 lists which monitoring locations shall be monitored after construction of the field.

Table 4 (Monitoring locations associated with each field)

Field Identification	Monitoring Locations
Carter 8	MW13-0871, MW24-0871, MW32-0871, MW44-0871, SW13-0871, SW24-0871, PZ13-0871, PZ24-0871
Hutton 16	MW21-1671, MW24-1571A, MW24-1571B, MW31-1671, MW42-1671A, MW42-1671B, SW21-1671, SW42-1671, SW24-1571, PZ21-1671, PZ42-1671, PZ24-1571
Hutton 23	MW13-2371, MW23-2371, MW24-2371, SW13-2371, PZ13-2371
Hutton 25	MW11-2571, MW32-2571, MW33-2571, MW42-2671, SW42-2671, SW33-2571, PZ42-2671, PZ33-2571

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.

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 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 requirements for monitoring the discharge listed in Table 1, Table 2, and Table 3 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.

WDF/rm/8-0383

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: **08-062**

B. Facilities Covered: Fidelity Exploration and Production Co. (FEPCO), Wyrno JV North SSD (subsurface dispersal system) is located adjacent to Badger Creek in Sheridan County, Wyoming. These facilities will inject produced coal bed methane water into the alluvial and colluvial deposits at depths up to 24 inches. The system is designed to inject up to a capacity of 4.670 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 IV in the alluvial aquifer and Class III in the bedrock aquifer. Groundwater monitoring is proposed for this site to protect ambient groundwater quality. Water infiltrating beneath this facility is not authorized to reach surface water. This permit provides for a total flow capacity of 4.670 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

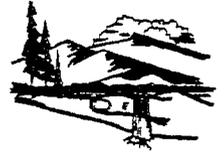
- A. The applicant has been provided with a draft permit prior to the permit being issued.
- B. A Public Notice has been issued with a public notice period starting April 18, 2008 and ending on May 17, 2008. (Thirty day notice is required by Chapter 16.) This notice was published in the Casper Star Tribune 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 Pete Vogel, P.G # 3626, Groundwater Program, North District Geologic Project Analyst, and completed on April 10, 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."



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

April 15, 2008

Art Boatright
Mobile Concrete
P.O. Box 1129
Casper, WY 82602

RE: Mobile Concrete Water Line, WDEQ #08-063, Natrona County

Dear Mr. Boatright:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general 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 307-473-3478.

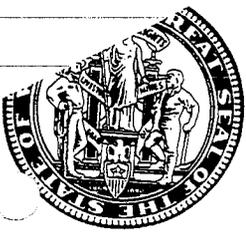
Sincerely,

Karen L. Farley
Karen L. Farley, P.E.
Northeast District Supervisor
Water Quality Division

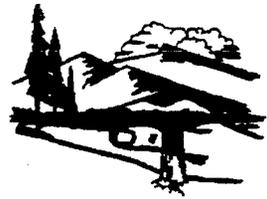
Enclosures: General Permits
Certificate of Completion

cc: Shawn Gustafson, P.E., WLC, 200 Pronghorn, Casper, WY 82601
Shane Porter, Engineer – Town of Evansville, 200 Pronghorn, Casper, WY 82601
Phil Hinds, Mayor – Town of Evansville, P.O. Drawer 158, Evansville, WY 82636-0158
WDEQ File
#IPS (Cheyenne)





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 18, 2008

Brownfield Waterline, LLC
Paul D. Christensen, Partner
307 E. Center Street
Douglas, Wyoming 82633

RE: Brownfield Waterline Extension Project,
Location: SE¼, Section 17, T32N, R71W,

Application No. **08-064**
Converse County

Dear Mr. Christensen:

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

1. 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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The approval granted under this Notification Of Coverage and the General Permit shall expire on April 18, 2010. Please reference Application Number **08-064** in any future correspondence.

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

Sincerely,

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

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

RLE/rm/8-0298

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

cc: IPS, Cheyenne
Thomas J. Brauer, CEPI, 6080 Enterprise Drive, Casper, WY 82609

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-065

Red Desert Reclamation – Phase I
Commercial Oilfield Wastewater Evaporation Pond

This permit hereby authorizes the applicant:

Red Desert Reclamation
P.O. Box 268
Wamsutter, WY 82336

to construct, install or modify three evaporative pond cells for disposal of oilfield exploration and production wastewater and associated pre-treatment facilities, located approximately 16 miles west of Rawlins, according to the procedures and conditions of the application number 08-065. The facility is located in the southwest quarter, Section 11, Township 21 North, Range 90 West, in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 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 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 10 The applicant will notify the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458 of the date construction will begin and the estimated completion date.
- 2 of 10 The applicant will provide immediate oral or written notice to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 10 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 10 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 10 Measurement of depth to groundwater and testing of groundwater is to be performed prior to filling any ponds at this facility. Groundwater monitoring will be conducted on a quarterly basis and results reported to DEQ within a month after receiving laboratory analytical reports.

Samples will be submitted for the following analysis:

- a) electrical conductivity
- b) pH
- c) chloride
- d) sodium
- e) alkalinity
- f) sulfate
- g) total dissolved solids

The analyte list and monitoring frequency are subject to revision as needed by CBM / Oil and Gas Group, Water Quality Division.

6 of 10

The leak detection system is to be checked weekly for the first month following filling of a pond and monthly thereafter with a log kept of the inspection results. As new ponds are constructed, the leak detection system is to be checked weekly for the first month. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and tested for total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ as soon as they are available. Testing requirements are subject to revision as needed.

If a leak is confirmed, the pond(s) will be pumped dry of all wastewater. No additional wastewater will be placed into the pond(s) until a complete inspection and test of the liner is completed.

7 of 10

Fluids in the ponds are to be checked annually for the following constituents. Each pond will be sampled and analyzed separately in accordance with the following list:

- a) electrical conductivity
- b) pH
- c) chloride
- d) sodium
- e) alkalinity
- f) sulfate
- g) barium
- h) total dissolved solids

The results of the pond analyses are to be reported to DEQ within one month after receiving laboratory analytical reports. The analyte list and monitoring frequency are subject to revision by CBM / Oil and Gas Group, Water Quality Division.

8 of 10

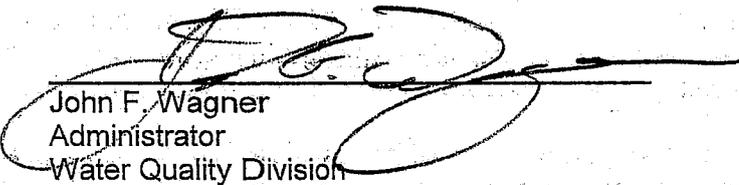
The facility is authorized to receive oilfield produced water and drilling fluid classified as exploration and production waste, exempt from RCRA regulations by EPA. Any other waste must be approved on a case by case basis by the DEQ and the owner. Prior to approval for disposal by DEQ/WQD, all other waste will be subject to rules, regulations, policies, and/or procedures related to hazardous waste determination and disposal, as issued or promulgated by DEQ/Solid and Hazardous Waste Division (SHWD).

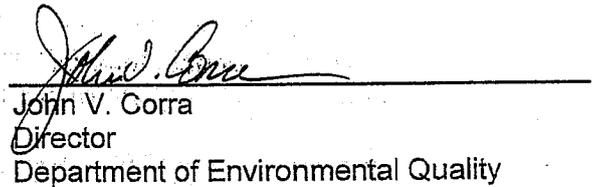
9 of 10

The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis. An updated closure and post-closure plan, including financial assurance costs, shall be submitted to DEQ/WQD by April 1 of each year.

An annual report will be submitted to DEQ CBM / Oil and Gas Group by April 1 of each year. The annual report will include relevant details of the construction, modification, and operation details of the facility from the previous year, any anticipated construction, modification and/or operational changes for the upcoming year. The report will include a discussion and analysis of the groundwater monitoring, leak detection monitoring and pond analysis. A listing of all non exploration and production wastes accepted by the facility will also be included in the annual report. This listing shall include generator, type of waste, amount and date of disposal. The annual report will also include a review of the closure and post closure requirements, including financial costs. A renewal of the bond will be required as part of the annual report. Reporting requirements are subject to modification by DEQ.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

12/8/08
Date of Issuance

JDL/KJM/rm/8-0955

cc: Coffey Engineering & Surveying, 903 East Grand Avenue, Laramie, WY 82070

STATEMENT OF BASIS

1. Permit Number: **08-065**
2. Application reviewed for compliance with the following applicable 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 or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
 - a. The permit includes approval to deviate from the following regulatory requirements:
Not applicable
 - b. Briefly state the basis for the deviation.
Not applicable
 - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.
Not applicable
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

The facility will not allow a discharge to groundwater.

Each pond will have a primary liner of high density polyethylene with a compacted clay secondary liner. A leak detection system will be installed between the two liners. Groundwater monitoring wells will also be installed at the facility to monitor groundwater on a quarterly basis.

Quality of wastewater is such that it will not cause a violation of groundwater standards.

Not applicable

Existing soils or geology will not allow a discharge to groundwater.

Not applicable

The facility is designed and will be operated so that it will not to violate groundwater standards.

Not applicable

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

Not applicable

If any groundwater quality standards are to be exceeded, briefly describe how any users of the affected aquifer will be protected. The description should include the water quality standard affected, the anticipated maximum concentration, the property boundaries, places of groundwater withdrawal and any other relevant information.

Not applicable

Briefly describe monitoring plan. The groundwater monitoring plan includes the monitoring wells or other sampling points, the parameters to be analyzed, the sampling frequency and reporting methods.

The leak detection system will be checked weekly for the first month after the ponds are filled. A log will be kept of the inspection results. The leak detection system is also monitored by a high level alarm system. If fluid is found, DEQ will be notified immediately. If a leak is confirmed, the pond(s) will be pumped dry of all wastewater. No additional wastewater will be placed into the pond(s) until a complete inspection and test of the liner is completed.

Measurement of depth to groundwater and testing of groundwater is to be performed prior to filling any ponds at this facility. Groundwater monitoring will be conducted on a quarterly basis and results reported to DEQ within a month after receiving laboratory analytical reports. If groundwater monitoring indicates a release to groundwater, a plan to investigate the extent of the release will be submitted to DEQ within 30 days after confirming the release for DEQ's approval. Following approval, the plan will be implemented.

Fluids in the pond are to be checked annually for specified constituents by collecting a sample from each pond in operation.

Operational concerns will be identified in an annual report to be submitted to DEQ by April 1 of each year. Any changes in operations, a discussion of groundwater monitoring, leak detection system operation, and pond characterization is to be included in the annual report.

The permit should clearly state the parameters to be utilized for determining compliance and what occurrences constitute a violation. The permit should identify the corrective actions to be taken in the event of a violation of a groundwater standard.

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 Kim Medina and Dennis Lamb, CBM / Oil and Gas Group and completed on December 2, 2008, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-066R

South Pass City Historic Site Storage Tank, Treatment and Water Mains
PWS #WY5601137

This permit hereby authorizes the applicant:

Darin Westby, Engineer Supervisor
Wyoming Division of State Parks
2301 Central Ave. Barrett Bldg. 4th Floor
Cheyenne, WY 82002

to replace well components and to install 5 and 10-micron filters, hypochlorination equipment, a 30,000-gallon fiberglass storage tank and 6-inch water mains with hydrants for fire suppression purposes; according to the procedures and conditions of the application number 08-066R. The facility is within SE ¼, Section 20, T89N, R110W in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2010.

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

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

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

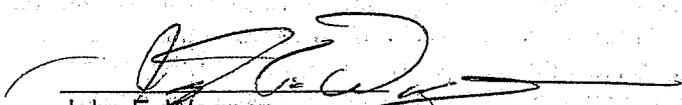
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

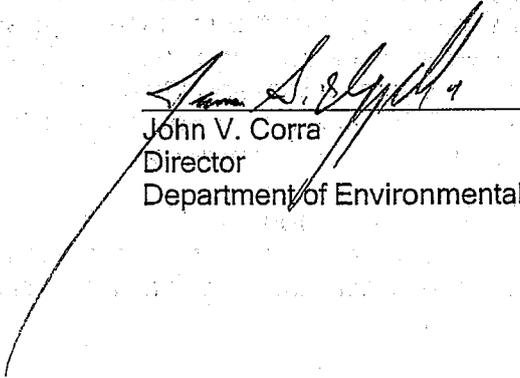
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

2-29-08
Date of Issuance

JSB/rm/8-0153

STATEMENT OF BASIS

1. Permit Number: 08-066R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supply wells are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

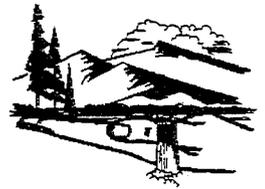
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on February 28, 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."

Xc: Robert Norton, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 25, 2008

John Albrecht, Coordinator of Support Services
Park County School District #1
160 N. Evarts
Powell, WY 82435

RE: Powell High School Water & Sewer Line Extensions, Permit Number: 08-067, Lot 74-H, T55N, R99E, Park County

Dear Mr. Albrecht:

This project involves the installation of 4-inch water line and 6-inch sewer line extensions to serve a future stadium concessions building and future tennis court concessions building. 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: Scott Lewis, P.E., Inberg-Miller Engineers, 428 Alan Road, Powell, WY 82435
Sean Christensen, P.E., City of Powell, P.O. Box 1008, Powell, WY 82435
IPS, Cheyenne

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-068

Bear River Regional Joint Powers Board - Water Improvement Project
PWS# WY5601019

This permit hereby authorizes the applicant:

Bear River Regional Joint Powers Board
81 Elk Drive
Bear River, Wyoming 82930

to construct, install or modify a 14" transmission line within the City of Evanston, interconnection with the City of Evanston and extension of a mainline to the Town of Bear River, various lines to serve unincorporated County areas, a 340,000 gallon storage tank near Bear River, a 75 hp booster pump near Bear River, and associated appurtenances; according to the procedures and conditions of the application number 08-068. The facility location starts at the City of Evanston and runs about 8 miles in the northwest direction to the town of Bear River. The facility is located in Townships 15 and 16 North of Ranges 120 and 121 West in the county of Uinta, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 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.

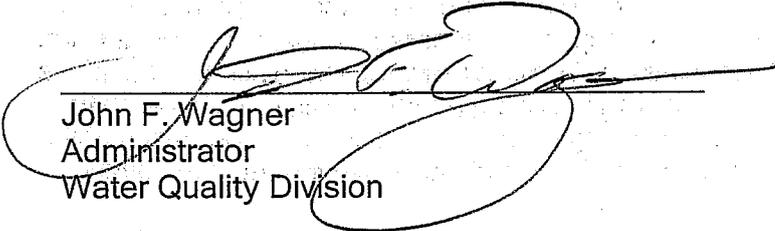
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

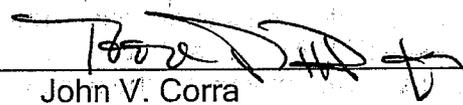
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the 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

6-9-08

Date of Issuance

KJF/rm/8-068

STATEMENT OF BASIS

1. Permit Number: 08-068
2. Application reviewed for compliance with the following applicable regulations:
Chapters 3 and 12.
3. Does the permit comply with all applicable regulations identified above?
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.

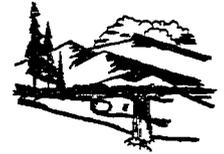
The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

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 Mark Baron, Southwest District Engineer, and completed on June 9, 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."



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 11, 2008

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

RE: Rodeo Flats Subdivision
WDEQ Application #08-069

Dear Commissioners:

This subdivision application was received in this office on February 11, 2008. Additional information was requested from the developer and the developer's consultants on April 8, 2008. The Department of Environmental Quality is required by law to respond with comments within 60 days after receipt of the application as described in W.S. §18-5-306 (c). The additional information requested has not been received in time to allow an analysis of the safety and adequacy of the proposed water and sewer systems by today, April 11, 2008. The statute does not allow the extension of the 60 day completion date even with the consent of all parties.

Recommendation:

The Department of Environmental Quality is making an adverse recommendation for the Rodeo Flats Subdivision, Campbell County, Department of Environmental Quality / Water Quality Division Application No. 08-069. This recommendation is provided pursuant to W.S. §18-5-306.

Re-submittal:

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

Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

cc: Steven C. Rozier, Union Chapter Development, LLC, P.O. Box 2334, Gillette, WY 82717
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



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 26, 2008

Jack E. Johnson
31 South Gap Road
Wheatland, Wyoming 82201

RE: Jack Johnson Small Wastewater Facility, Application No. **08-071**
Location: NE¼ NE¼, Section 29, T24N, R66W, Platte County

Dear Mr. Johnson:

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

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on February 26, 2010. Please reference Application Number **08-071** in any future correspondence.

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

Sincerely,

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

RLE/rm/8-0147

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

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

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

ADMIN/OUTREACH (307) 777-7937 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

March 6, 2008

Jose Andicoechea
3433 Monterey Drive
Rock Springs, WY 82901

RE: Rock Springs - Aspen Village Mobile Home Park - Water and Sewer Main Extensions -
Permit Number 08-072R, NE1/4 Section 1, T18N, R105W, Sweetwater County

Dear Mr. Andicoechea:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system and the extension of a sewage collection system to serve a 43 lot residential mobile home park 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
Randy J. Hansen, P.E., JFC Engineers & Surveyors, 1515 Ninth Street, Rock Springs, WY 82901
Vess Walker, City of Rock Springs, 212 D Street, Rock Springs, WY 82901
Paul D. Kauchich, P.E., City of Rock Springs, 212 D Street, Rock Springs, WY 82901

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

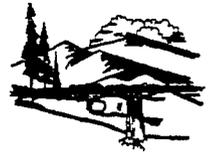




The State
of Wyoming

Dave Freudenthal, Governor

Department of Environmental Quality



John Corra, Director

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

NOTIFICATION OF COVERAGE

April 28, 2008

John Wendell, PE
Redwine Resources, Inc.
8214 Westchester, Suite 740
Dallas, TX 75225

RE: Redwine CBM Water Treatment Pilot Project, Permit # 08-075

Dear Mr. Wendell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. This permit is valid until July 1, 2008. A new permit must be obtained prior to setting up a treatment facility at another location. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

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

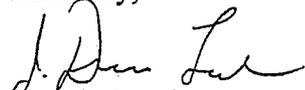
1. A complete set of as-built drawings including all piping in the building and connecting to the pits/discharge;
2. A monthly (weekly during initial start-up) report including onsite and lab analytical data relating to the facility's performance for meeting the discharge requirements (influent and effluent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



5. Immediate notification to WDEQ/CBM Group of any violations, exceedences, upsets, or incidents relating to the facility and its' operation.

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

Sincerely,



Dennis Lamb
CBM Group Supervisor
DEQ/WQD

cc: IPS Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 15, 2008

Chairman
Natrona County Board of County Commissioners
200 North Center
Casper, WY 82601

RE: South Estates Subdivision, Natrona County, WDEQ Application #08-076

Dear Commissioners:

This subdivision application was received in this office on February 15, 2008. The Department of Environmental Quality is required by law to respond with comments within 60 days after receipt of the application as described in W.S. §18-5-306 (c). The report submitted did not address all of the required information; therefore, we are issuing an adverse recommendation at this time because the statute does not allow an extension of the 60 day completion date even with the consent of all parties. We have developed comments pertaining to the submitted report and the information required and are attaching them as part of this correspondence.

Recommendation:

The Department of Environmental Quality is making an adverse recommendation for the South Estates Subdivision, Natrona County, Department of Environmental Quality / Water Quality Division Application No. 08-076. This recommendation is provided pursuant to W.S. §18-5-306.

Re-submittal:

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

Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Encl: WDEQ Comments

cc: Thomas J. Brauer, CEPI, 6080 Enterprise Drive, Casper, WY 82609-4294
Charles Peak, P.O. Box 156, Alcova, WY 82620
Natrona County Planning Office, 120 West 1st, Casper, WY 82601
WDEQ File, ~~IPS~~ (Cheyenne)
Mike Ebsen (SEO) (w/o enclosure)



**SUBDIVISION PROGRAM
REVIEW OF PLANS & SPECIFICATIONS / REPORTS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
152 North Durbin Street, Suite 100
Casper, Wyoming 82601
Phone (307) 473-3465**

PROJECT: South Estates Subdivision

LOCATION: Natrona County

ENGINEER: Civil Engineering Professionals, Inc., 6080 Enterprise Drive,
Casper, WY 82609

OWNER/REPRESENTATIVE: Charles Peak, P.O. Box 156, Alcova, WY 82620

WATER QUALITY DIVISION APPLICATION NUMBER: 08-076

TITLE: Subdivision Application to the State of Wyoming
Department of Environmental Quality for the South Estates
Subdivision, Natrona County, Wyoming

DATE ON PROPOSAL/PLANS/REPORT: February 2008

DATE RECEIVED BY DEQ: February 15, 2008

DATE OF THIS REVIEW: April 15, 2008

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

ACTION: Application Incomplete/Errors

WDEQ COMMENTS

Safety and Adequacy of Proposed Sewage System

There are a few issues that need to be addressed before this department can determine the safety and adequacy of the proposed sewage system.

- 1) Chapter 23, Section 7(a)(ii) – Please provide information on current and potential development outside of the subdivision which may have an impact, or be impacted by, the South Estates Subdivision. Specifically, the report does not mention any surrounding land use and water use that may be affected by the adequacy of the proposed sewage system.

- 2) Chapter 23, Section 7(d)(i) – The report by Tetra Tech refers to the outcropping of bedrock throughout the subdivision, but does not adequately address how this will affect the siting of the on-lot septic systems. As described in Chapter 11, Part D, Section 36 (c), “the depth to bedrock or impermeable soil must be at least four feet from the bottom of the absorption system stone and the natural ground surface”. In order for this department to determine the safety and adequacy of the proposed septic systems, those lots which have this as a potential issue should be identified and a proposed method of providing a safe and adequate septic system should be presented.
- 3) Chapter 23, Section 7(d)(ii)(A) – The report by Tetra Tech states that the test holes for the percolation tests were typically 36 to 48 inches deep, with the bottom of the test holes in soil overlying bedrock or in the uppermost, fractured part of the bedrock. The percolation test should be performed at the most likely depth of a leachfield. If alternative systems, such as mounded systems, are to be used, percolation tests should be conducted at shallower depths.
- 5) Chapter 23, Section 7(d)(iii) – Due to the occurrence of steep slopes in some areas of the proposed subdivision, please provide confirmation that for each lot an area can be identified for the placement of the absorption system on slopes less than 25% and will be at least 15 feet from the top of any break in slope which exceeds 25% (Chapter 11, Section 36(e)(i), and (ii)).
- 6) Chapter 23, Section 7(d)(v) – Please provide confirmation for each lot that a replacement area for the absorption system can be found which will comply with the previous comment.
- 7) Chapter 23, Section 7(d)(vii) – Please discuss the existing well that is located within the proposed subdivision and provides water for the Alcova Trailer Park and how this will be protected by the development of on-lot septic systems. The report submitted states that there exists areas of fractured rock; therefore, please comment on whether or not the existing well has been properly sealed to at least 30’ below ground.

Safety and Adequacy of the Water Supply

The proposed water supply is a central well. This well has been drilled without a Wyoming Department of Environmental Quality/Water Quality Division (WDEQ/WQD) permit. The developer has been notified that the construction of a public water supply well without a permit is a violation of Wyoming Statute 35-11-301(a)(v). The developer can use this well as a test well to demonstrate the availability of a safe and adequate water supply, or he must abandon this well and apply for a Permit To Construct prior to drilling a new well. The new well must comply with the regulations defined in WDEQ/WQD’s Chapter 11 and Chapter 12 prior to our acceptance of this well as the new public water supply for the subdivision.



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

March 11, 2008

Timothy W. Stewart
Leisure Valley, Inc.
P.O. Box 299
Thayne, WY 83127

RE: Bridger Mountain Subdivision - Water and Sewer Main Extensions - Permit Number 08-077R, W 1/2 Section 31, T35N, R118W, Lincoln County

Dear Mr. Stewart:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system and the extension of a sewage collection system consisting of about 9200 linear feet of 8-inch PVC sewer main and 9650 of 8-inch PCV water main to serve a 92 residential units 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
Ryan J. Erickson, Sunrise Engineering, Inc., P.O. Box 609, Afton, WY 83110

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





Department of Environmental Quality



Dave Freudenthal, Governor

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John Corra, Director

April 8, 2008

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

Subject: Non-Adverse Recommendation, Clear View Village Subdivision, Lincoln County, DEQ/WQD Application # 08-078

Dear Mr. Connelly:

The Wyoming Department of Environmental Quality has completed the review of the proposed Clear View Village Subdivision located in the NE1/4 & SE 1/4 of Section 10, T35N, R119W, 6th P.M., Lincoln County, Wyoming. Generally described, the property is located, approximately 0.25 miles southwest of the Etna, Wyoming. The Clear View Village Subdivision will create 28 lots out of approximately 13.95 acres. The information was submitted by Forsgren Associates Inc., and signed by Clarence S. Kemp, P.E., a Wyoming Licensed Engineer. Ben Jordan, P.G., a Wyoming Licensed Geologist of Weston Engineering, Inc. also submitted information. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage system is to be onsite enhanced sewage treatment for each home. These systems are to consist of a Norweco Model Singulair Model TNT, that gravity flow into a conventional leach field. The information submitted addresses the safety and adequacy of the proposed sewage system.

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

The proposed water system is to be a public water supply system consisting of a water main extension from the Etna Water and Sewer District. The information submitted addresses the safety and adequacy of the proposed water system.



Lincoln County Board of Commissioners
April 8, 2008

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

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

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

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

Conclusions:

The Department of Environmental Quality has "Non- Adverse" recommendations applicable to the Clear View Village Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Clear View Village Subdivision. Any questions or concerns about the water rights for the Clear View Village Subdivision, should be directed to the State Engineer's Office.

Nothing in Department of Environmental Quality recommendations or comments regarding the Forsgren Associates, Inc./Weston Engineering, Inc, proposal, for the Clear View Village Subdivision shall be construed to relieve Mr. Russ Motskus of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Lincoln County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,



Mark Baron, P.E.

Southwest District Supervisor

Water & Wastewater Program, Water Quality Division

Lincoln County Board of Commissioners
April 8, 2008

MDB/mdb

xc:

John Woodward, Lincoln County - Office of Planning and Development, P.O. Box 414,
Afton, WY 83110

Clarence S. Kemp, P.E., Forsgren Assoc. Inc., 849 Front Street No. 201, Evanston, WY
82930

Ben Jordan, P.G., Weston Engineering, Inc., P.O. 260, Upton, WY 82730

Russ Motskus, Owner, 107711 Highway 89, Etna WY 83118

Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office,
Herschler Building, 4th Floor East, Cheyenne, WY 82002

Lou Harmon, WDEQ/WQD, Cheyenne
IPS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-080

Cottonwood Park Lift Station Infrastructure Improvement

This permit hereby authorizes the applicant:

Shawn O'Malley, P.E., Town Engineer
Town of Jackson
P.O. Box 1687
Jackson, WY 83001

to install a new duplex pump station (increases the capacity from 400 to 800 gpm), above ground valve package kit and generator at an existing lift station manhole which, install new 6-inch diameter force main and 15-inch diameter gravity sewer main; according to the procedures and conditions of the application number 08-080. This project will improve the lift stations ability to handle increased flow rates and surcharged situations. The facility is located on the southwest end of Jackson and is within NW ¼, Section 6, T40N, R116W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 1, 2010.

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

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

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

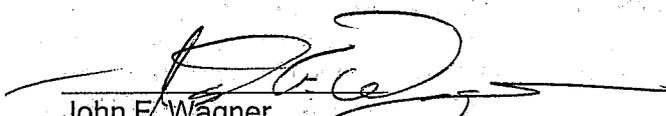
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

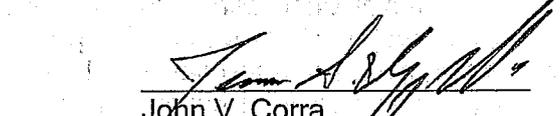
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

2-29-08
Date of Issuance

JSB/rm/8-0152

STATEMENT OF BASIS

1. Permit Number: 08-080
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.
Existing sewage collection systems are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

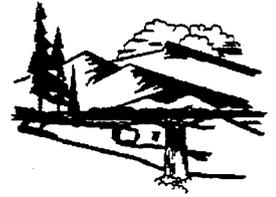
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on February 28, 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."

Xc: Aaron Japel, P.E., Jorgensen Associates, P.O. Box 9550, Jackson, WY 83002



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

March 13, 2008

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

RE: Sublette County Maintenance Building - Permit Number 08-081, NW1/4 Section 4, T33N, R109W, Sublette County, PWS#WY5600041

Dear Mary Lankford:

The above application for coverage under General Permits to Construct water main extension of 208 feet of 6-inch D.I.P. and sewer main extension consisting of 118 feet 6-inch PVC with to serve the Sublette County Maintenance Building 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 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

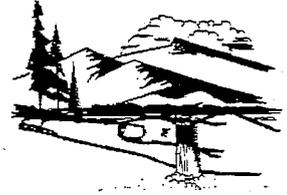
Mark Baron P.E.
Southwest District Engineer
Water Quality Division

xc: IPS, Cheyenne
Mark C. Eatinger, P.O. Box 642, Pinedale, WY 82941
encl: General Permit for a Public Water Supply Distribution System
General Permit for a Sewage Collection System





Department of Environmental Quality



Dave Freudenthal, Governor

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John Corra, Director

NOTIFICATION OF COVERAGE

April 28, 2008

Paul and Crystal Updyke
P.O. Box 5
Cora, WY 82925

RE: Updyke Wastewater System - Permit Number 08-082R, Lot 42, Fourth Filing, Old Brazzill Ranch Subdivision, S1/2 Sec 11 T33N 109W, Sublette County, WY

Dear Paul and Crystal Updyke:

The above application for coverage under General Permit to Construct a small wastewater enhanced treatment facility consisting of a septic tank with integral Jet Inc® wastewater treatment system rated at 750 gallons per day and leach field to serve a three bedroom home in accordance with Chapter 3, Chapter 11, Part D and Chapter 23 Section 7 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 5 This permit is for an enhanced 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, 2009 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 5 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.

Page 1 of 2

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

ABANDONED MINES
(307) 332-5085

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

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

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

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



3 of 5 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 5 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 4.0 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)

5 of 5 The bottom of the leach field must be at least 6.0 feet above the seasonally high ground water.

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
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

January 9, 2009

Rob DesLauriers, Managing Member
Tramline Development, LLC
P.O. Box 417
Teton Village, WY 83025

RE: The Little Nell Jackson Hole's Sewer Line Upgrade Project, Permit Number: 08-083R, NE ¼ SE ¼, T42N, R117E, Teton County

Dear Mr. DesLauriers:

In reference to DEQ's March 5, 2008 review letter, this project initially failed to receive a notification of coverage for a DEQ permit to construct due to inadequate capacities of Teton Village water and sewer systems for the proposed additional service connections. On January 8, 2009, DEQ received a letter from District's engineer outlining the plans to upgrade both the water and sewer systems which basically satisfies DEQ's concerns.

This project involves about 645 linear feet of existing sewer line with 10-inch PVC sewer line and precast manholes installed deeper to facilitate various connections. The project will primarily serve a proposed 120-room condominium hotel project. This 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: Ryan Schoen, Terra Development Group, LLC, P.O. Box 417, Teton Village, WY 83025
James W. Gute, P.E., P.O. Box 321, Jackson, WY 83001
Bob Norton, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
IPS, Cheyenne

enc: 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 332-7726





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

April 15, 2008

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

RE: 2008 Miscellaneous Water Main Replacement Project, WDEQ #08-084

Dear Mr. Hutchinson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

Additional conditions of the permit apply:

- 1) The geotechnical report drafted by Tetra-Tech states that some of the soils encountered will not be suitable for backfill. Proper backfill material will need to be imported for use in these areas.
- 2) Any excavated areas encountered that exhibit staining or odors indicative of hydrocarbon contamination must be reported immediately to the Wyoming Department of Environmental Quality at 307-473-3478 for evaluation.
- 3) The required horizontal separation of 10' or flowfill is required between the proposed water main and the existing CMP storm sewer on East 25th.



If you have any questions, please contact me at 307-473-3478.

Sincerely,

Karen L. Farley

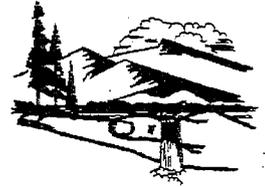
Karen L. Farley, P.E.
Northeast District Supervisor
Water Quality Division

Enclosures: General Permit
Application
Certificate of Completion

cc: Robert Bennett, P.E., CEPI, 6080 Enterprise Drive, Casper, WY 82609
WDEQ File
IPS, Cheyenne



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 4, 2008

Greg Prugh
P.O. Box 3274
Jackson, WY 83001

RE: Riniker Addition Water and Sewer Lines, Permit Number: 08-085, Section 34, T41N, 116W, Teton County

Dear Mr. Prugh:

This project involves the construction of approximately 170 linear feet of 4-inch waterline and 140 linear feet of 6-inch sewer line to serve six single family homes. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

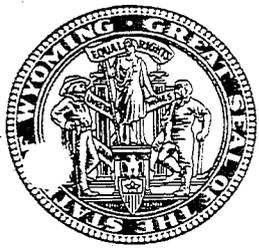
Sincerely,

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

xc: Matt Bowers, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
IPS, Cheyenne

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

March 11, 2008

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

Subject: Non-Adverse Recommendation, Snake River Junction Subdivision,
Lincoln County, DEQ/WQD Application # 08-086

Dear Mr. Connelly:

The Wyoming Department of Environmental Quality has completed the review of the proposed Snake River Junction Subdivision located in portions of SE1/4 SW1/4 & SW 1/4 SE 1/4 of Section 20 and NE1/4 NW 1/4 & NW 1/4 NE 1/4 of Section 29, T37N, R118W, 6th P.M., Lincoln County, Wyoming. Generally described, the property is at the southeast corner of the intersection of US Highways 26&89, approximately 0.5 north of the Town of Alpine, Wyoming. The Snake River Junction Subdivision will create 208 lots out of approximately 35.53 acres. The information was submitted by Jorgensen Associates, P.C., signed by Nicholas Fiore, P.E., a Wyoming Licensed Engineer. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage system is to be centralized sewage collection and treatment system consisting of a collection main extension from North Star Utility. The collected sewage will be pumped to the Town of Alpine's sewage treatment plant where it will be treated for disposal. The information submitted addresses the safety and adequacy of the proposed sewage system.

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

The proposed water system is to be a public water supply system consisting of a water main extension from North Star Utility. The information submitted addresses the safety and adequacy of the proposed water system.

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

No notes are requested.



Conclusions:

The Department of Environmental Quality has "Non-Adverse" recommendations applicable to the Snake River Junction Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Snake River Junction Subdivision. Any questions or concerns about the water rights for the Snake River Junction Subdivision, should be directed to the State Engineer's Office.

Nothing in Department of Environmental Quality recommendations or comments regarding the Jorgensen Associates, P.C., proposal, for the Snake River Junction Subdivision shall be construed to relieve Mr. Brad Vernon of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Lincoln County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,



Mark Baron, P.E.
Southwest District Supervisor
Water & Wastewater Program, Water Quality Division

MDB/mdb

xc:

John Woodward, Lincoln County - Office of Planning and Development, P.O. Box 414,
Afton, WY 83110

Nicholas A Fiore, P.E., Jorgensen Assoc., P.C., P.O. Box 9550, Jackson, WY 82930
Brad Vernon, Pres., Alpine Dev. Group, LLC, P.O. Box 12010, San Luis Obispo, CA
93406

Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office,
Herschler Building, 4th Floor East
Cheyenne, WY 82002

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-087

Northwest Rural Water District Garland & Sage Creek New Storage Tanks & Waterlines

This permit hereby authorizes the applicant:

Dossie Overfield, Manager
Northwest Rural Water District
P.O. Box 2347
Cody, WY 82414

to install a connection station to Shoshoni Municipal Pipeline, two 35,000-gallon fiberglass storage tanks, approximately 17,000 linear feet of 8-inch, 14,000 linear feet of 6-inch, 1,800 linear feet of 4-inch water lines for the Garland Service Area and install two new 35,000-gallon fiberglass storage tanks for the Sage Creek Service Area; according to the procedures and conditions of the application number 08-087. The Garland facility is within T55N & T56N, R98W and the Sage Creek facility is within T52N, R101W in the county of Park, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 1, 2010.

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

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

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

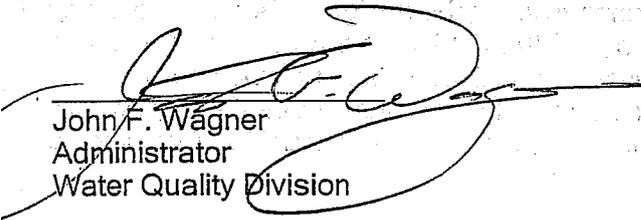
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

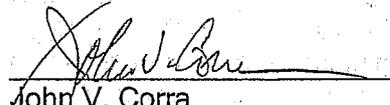
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/24/08
Date of Issuance

JSB/rm/8-0232

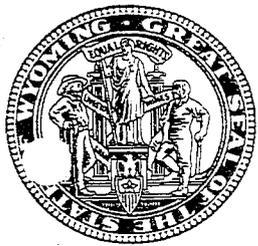
STATEMENT OF BASIS

1. Permit Number: 08-087
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water systems are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbrough@state.wy.us, Northwest District Engineer and completed on March 21, 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: Robert Overfield, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414



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

March 4, 2008

Jack May
Scott Lane Mini Storage/Snow King Trailer Park, LLC
P.O. Box 3130
Jackson, WY 83001

RE: The Grove Water and Sewer Lines, Permit Number: 08-088, NW ¼, SW ¼,
Section 33, T41N, 116W, Teton County

Dear Mr. May:

This project involves the construction of approximately 810 linear feet of 8-inch and 6-inch PVC water mains and 823 linear feet of 8-inch PVC sewer main to serve the Grove mixed unit development. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

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

xc: Jamie Walter, Pierson Land Works Inc., P.O. Box 1143, Jackson, WY 83001
Thomas Kirsten, P.E., Jorgensen Associates, P.C., P.O. Box 9550, Jackson, WY 83002
IPS, Cheyenne

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 25, 2008

Golden Eagle, LLC
c/o John Waid
P.O.Box 1055
Thermopolis, WY 82443

RE: Golden Eagle #57 Small Waste Water Treatment System – Permit Number 08-089, Section 4, T42N, R95W, Hot Springs County

Dear Mr. Waid:

The above application for coverage under General Permit to Construct a conventional wastewater treatment and disposal system to serve the four bedroom home with a 845 sq ft leach field has been reviewed and is hereby approved with the following precaution.

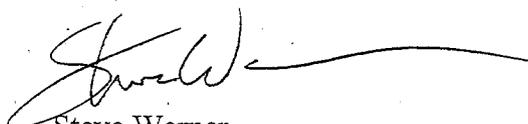
- a) Norwesco septic tanks should be tested with water for structural integrity during burial and immediately after pumping. Also, the manways (one on each compartment) must be extended to the ground surface because no cleanouts are provided.

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. Please be sure to contact Hot Springs County Planner Lee Campbell at (307) 864-2961 at least 24 hours prior to the beginning of construction

Sincerely,


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


Steve Warner
Reviewer

xc: IPS, Cheyenne Lee Campbell, Hot Springs County, 415 Arapahoe Street, Hot Springs, WY 82443

Encl: General permit for one Small Waste Water 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

April 25, 2008

Chad Ostenson
11 Fordyce Lane
Newcastle, WY 82701

RE: Ostenson Residential Septic System
Weston County
Permit #08-090

Dear Mr. Ostenson:

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) 473-3478. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit

cc: ~~TPS, Cheyenne~~
WDEQ File
Mike App, 61 David Drive, Newcastle, WY 82701





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

March 27, 2008

Paul Kauchich
212 D. Street
Rock Springs, WY 82901

RE: City of Rock Springs Tree Streets Sewer and Water Replacement Project - Permit
Number 08-091, Sweetwater County

Location: NE1/4, Sec 35 T19N R 105 W, City of Rock Springs

Dear Paul Kauchich:

The above application for coverage under General Permit to Construct water main replacements consisting of 12000 feet of 8-inch PVC and sewer main replacement consisting of 6000 feet of 8-inch and 2300 feet 18-inch PVC within the City of Rock Springs to serve the Tree Streets, 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 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
Shawn M. Arnoldi, Choice Engineering Services, Inc., 404 N. Street, Rock Springs, WY
82901
encl: General Permit for a Public Water Supply Distribution System
General Permit for a 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
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 08-092

River 2 Project Area, Phase III

This permit hereby authorizes the applicant:

St. Mary Land and Exploration Corporation
550 N. 31st Street, Suite 500
P.O. Box 7168
Billings, Montana 59103-7168

to have installed five compliance monitoring wells according to the procedures and conditions of the application number **08-092**. The facilities are proximal to a coalbed methane produced water impoundment (P5677-0909) located in Township 56N, Range 77W, Section 9 in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

1 of 4: 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 4: 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 4: Monitoring Requirements:

Groundwater protection: 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 in the following downgradient monitoring well: MW5677-0909A;
- Reporting results of quarterly monitoring and sampling are due by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **July 15, 2008**. Please submit all analytical data and correspondence to the DEQ, Sheridan field office.

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

Impoundment – P5677-0909

Parameter	MW5677-0909A Background Value (mg/L) (08/19/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.0013	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1320	≥ 2400	3000
Total Dissolved Solids (TDS)	2580	≥ 4000	5000
pH	7.4	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at these impoundments, 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.

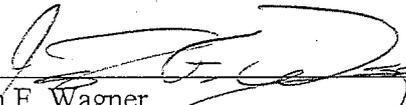
The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). 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.

Surface water protection: In addition to the sampling and reporting schedule established above, groundwater in monitoring wells MW5677-0909D, MW5677-0909E, MW5677-0910D, and MW5677-1012A shall be sampled until further notice in order to investigate any potential hydrologic connection to Clear Creek. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards Clear Creek. The analytical results shall be submitted quarterly to the WDEQ.

4 of 4: Exceedence of Groundwater Standards:

Any exceedence of a groundwater quality standard listed in the preceding table, or as applicable in Water Quality Rules and Regulations, Chapter 8, Table I, is a violation of this permit. If an exceedence of groundwater standards or a threat to surface water occurs as a result of the operation of the impoundment, the WDEQ may require, among other things, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

2-29-08

Date of Issuance



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

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

PERMIT TYPE: **CBM: Groundwater Compliance Monitoring Program**

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 08-092

SITE (POD) NAME: River 2 Project Area, Phase III

APPLICANT: **St. Mary Land and Exploration Company**
Attn: Mr. James D. Shaffer
550 N. 31st Street, Ste. 500
P.O. Box 7168
Billings, Montana 59103-7168

CONSULTANT: **HydroSolutions Inc.**
Attn: Eric Detmer, PE
1949 Sugarland Dr., Suite 140
Sheridan, Wyoming 82801

LOCATION: **Drainage: Ephemeral Tributaries to Clear Creek**
56N, R77W, Sec. 9
County: Sheridan

DATE ON REPORT: **December 4, 2007; Additional data; Feb 4, 2008**

REVIEWING OFFICIAL: **Don Fischer, North District Geologic Supervisor**

DATE OF THIS REVIEW: **February 21, 2008**

ACTION: **Compliance Monitoring Plan authorized for River 2 Project Area, Phase III**
pursuant to conditions in permit # 08-092

The static water level in MW5677-0909A was found at 42.3 feet below ground surface. Groundwater was initially encountered at 93 feet below ground surface, indicating a semi-confined to confined condition.

2.0 MONITORING AND REPORTING REQUIREMENTS FOR GROUNDWATER PROTECTION

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 in the following monitoring well: MW5677-0909A.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **July 15th, 2008**.

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

Impoundment – P5677-0909			
Parameter	MW5677-0909A Background Value (mg/L) (08/19/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.0013	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1320	≥ 2400	3000
Total Dissolved Solids (TDS)	2580	≥ 4000	5000
pH	7.4	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at these impoundments, 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.

3.0 MONITORING AND REPORTING REQUIREMENTS FOR SURFACE WATER PROTECTION

This proposed impoundment is located approximately 1200 feet from Squaw Creek, an ephemeral tributary to Clear Creek and 2000 feet from Clear Creek. A water balance was conducted that demonstrates that water infiltrating from the impoundment should not reach Clear Creek over the proposed life of the impoundment. To further ensure protection of surface water, additional monitoring wells were installed between the impoundment and Clear Creek. These monitoring wells were installed and screened at the base of the unconsolidated sediments, at the bedrock contact which is the most like subsurface flow path.

In addition to the sampling and reporting schedule established in Section 2 above, groundwater in monitoring wells MW5677-0909D, MW5677-0909E, MW5677-0910D, and MW5677-1012A shall be sampled until further notice in order to investigate any potential hydrologic connection to Clear Creek. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards Clear Creek.

The analytical results required under Section 3.0 of this review shall be submitted quarterly to the WDEQ along with the analytical results required under Section 2.0 of this review.

END OF REVIEW

WDF/rm/8-0145



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

February 28, 2008

CITY OF TORRINGTON
PO BOX 250
TORRINGTON, WY 82240

RE: CITY OF TORRINGTON-IMPROVEMENT DISTRICT 2007-01; EAST K STREET
FIRE HYDRANT & 8" LINE GATE VALVE, Application No. **08-093**, Goshen Cty

Dear Sirs:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as a new 8" line valve, approx. Sta. 5+80 and a fire hydrant on a 6" diameter lead, NE ¼ NE ¼ Section 15, T24N R61W; Goshen County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-093** in any future correspondence.

Sincerely,

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

LBH/rm/8-0158

cc: IPS, Cheyenne

Kelly W. Hafner, Benchmark Engineers, PC., 1920 Thomas Ave., Cheyenne, WY
82001

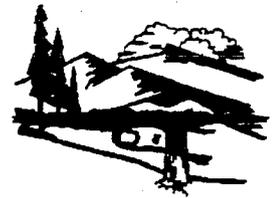
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 26, 2008

Raymond A. Killion
85 Jefferson Rd.
Wheatland, Wyoming 82201

RE: Killion Subdivision Lot A Residential Septic System,
Location: N½ NW¼, Section 35, T24N, R68W,

Application No. **08-094**
Platte County

Dear Mr. Killion:

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

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on February 26, 2010. Please reference Application Number **08-094** in any future correspondence.

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

Sincerely,

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

RLE/rm/8-0146

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

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

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

ADMIN/OUTREACH (307) 777-7937 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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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 (AREA PERMIT)

(X) New
() Modified

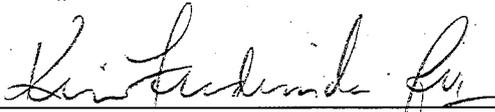
Permit Number **08-095**
UIC Facility Number WYS-007-00167

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: Double Eagle Petroleum Company
P.O. Box 766
777 Overland Trail
Suite 208
Casper, Wyoming 82602
(307) 237-9330

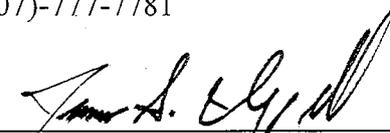
Double Eagle Petroleum Company, hereafter referred to as the Permittee, is authorized to operate 1691-30I, 1691-31I, 1691-31-31I, within Sections 30, 31, Township 16 North; Range 91 West; 1692-25I, 1692-11I, 1692-31-24I, 1692-24I, 1692-14I, 1692-23I, 1692-36I, 1692-44-14I, 1692-44-24I, within Sections 11, 14, 23, 24, 25, 31, 36, Township 16 North; Range 92 West; 1791-27I, 1791-32I, 1791-33I, within Sections 27, 32, 33, Township 17 North; Range 91 West, of the 6th Principal Meridian, Carbon County; according to the procedures and conditions of application 08-095 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

4-17-08
Date



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

4/17/08
Date

GB/rm/8-0289

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A. Discharge Zone

Fifteen (15) injection wells are authorized to inject into the Haystack Mountains Formation. The injection zones are identified in **Table 1** as follows:

Table 1 (Perforated Zones)

Well Name	Perforated Zones (feet)	Porosity (%)	Thickness (feet)	AOR (feet)	Injection bbls/day	Max Pressure (psi)
1691-30I	3,567 – 3,762	20.0	194	3,356	25,000	952
1691-31I	4,271 – 4,466	20.0	194	3,356	25,000	1,140
1691-31-31I	4,137 - 4,332	20.0	194	3,356	25,000	1,105
1692-25I	4,658 - 4,853	20.0	194	3,356	25,000	1,244
1692-11I	4,480 - 4,689	18.0	194	3,356	25,000	1,196
1692-31-24I	3,647 – 3,842	20.0	194	3,356	25,000	1,027
1692-24I	4,374 - 4,569	20.0	194	3,356	25,000	1,168
1692-14I	3,834 – 4,029	20.0	194	3,356	25,000	1,024
1692-23I	5,058 – 5,253	20.0	194	3,356	25,000	1,350
1692-36I	6,110 – 6,305	20.0	194	3,356	25,000	1,631
1692-44-14I	4,016 - 4,211	20.0	194	3,356	25,000	1,072
1692-44-24I	3,956 – 4,151	20.0	194	3,355	25,000	1,056
1791-27I	3,452 - 3,606	16.0	131	3,356	25,000	922
1791-32I	3,845 – 4,056	21.0	187	3,356	25,000	1,027
1791-33I	3,611 – 3,822	21.0	187	3,356	25,000	964

A 3½ inch tubing and injection packer will be set within 100 feet of the perforations in each well. Additional perforation zones may be extended within the Haystack Mountains Formation with the prior written approval of the Department. The length of time of operation of each well is ten years.

B. Well Location and Area of Review

The injection wells authorized by this permit are identified in **Table 2** as follows:

Table 2 (Injection Well Public Land Survey Locations)

Well Name	Section (1/4, 2/4)	Section	Township	Range
1691-30I	SENE	30	16	91
1691-31I	SESE	31	16	91
1691-31-31I	NWNE	31	16	91
1692-25I	SESE	25	16	92
1692-11I	SESW	11	16	92
1692-31-24I	NWNE	24	16	92
1692-24I	SESW	24	16	92
1692-14I	NWNE	14	16	92
1692-23I	NWNW	23	16	92
1692-36I	NWSW	36	16	92
1692-44-14I	SESE	14	16	92
1692-44-24I	SESE	24	16	92
1791-27I	NWSE	27	17	91
1791-32I	NWNE	32	17	91
1791-33I	SW	33	17	91

C. Groundwater Classification

The groundwater in the Haystack Mountain Formation is classified as Class III according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made because the groundwater in this formation has total dissolved solids concentration of 3,470 mg/L. An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) can be considered an underground source of drinking water.

D. Authorized Operations

The Permittee is authorized to inject a maximum of 25,000 barrels per day of produced water in each well, or 375,000 barrels per day as a combined fifteen (15) well system of produced water resulting from coal bed methane extraction. For operation and maintenance considerations such as conducting mechanical integrity tests or well workovers, the Permittee may inject more than 25,000 barrels per day per well on a temporary basis with prior written approval from the Department. The Permittee is authorized to inject at a surface pressure of no more than is designated for each well in **Table 1** above.

1. The Permittee shall submit a one-time baseline ground water sample obtained from the perforated intervals for the Haystack Mountains Formation of the all the wells listed in **Table 1** prior to injection of any fluids. Parameters to be analyzed are listed on the reporting form. The Permittee is prohibited from injection into any well until authorized by the Department.
2. The Permittee shall submit a one-time baseline ground water sample obtained from the perforated intervals for the Mesaverde Formation from all the production wells prior to injection of any fluids. Parameters to be analyzed are listed on the reporting form. The Permittee is prohibited from injection into the injection wells until authorized by the Department. Groundwater will be classified based upon the water quality results of the grab samples for the Mesaverde Formation. Injection will be contingent upon groundwater classifications for the Mesaverde Formation and Haystack Mountains Formations (i.e. the producing and injection wells).

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 wells, effective performance, adequate funding, Permittee 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 wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16, Section 10.

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 and the permit is approved.

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The Permittee shall retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, 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 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. 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.
4. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
5. 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/Permittee to deliver the records to the Administrator at the conclusion of the retention period.

6. The Permittee shall report any noncompliance which may endanger health or the environment 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 ground waters 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.
7. The Permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
8. 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 thirty (30) days following each schedule date.
9. The Permittee shall notify the Department sixty (60) days prior to the spudding of each new injection well so that a joint field inspection may be coordinated between both parties during well construction.
10. The Permittee shall notify the Department thirty (30) days prior to conducting the two-part mechanical integrity tests for each well.

I. Requirements for Monitoring the Discharge

General Requirements:

1. The Permittee shall meter all water injected into each well.

2. The Permittee shall monitor the quality of the injected fluid on the schedule identified below. Grab samples shall be taken from the flow line prior to injection where any necessary pretreatment has taken place. The following parameters shall be analyzed by the listed methods and reported quarterly:

Table 3 (Injected Fluid Sampling Schedule)

Sampling Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL
Quarterly (grab)	Total Dissolved Solids	EPA Method 160.1	5,000 mg/L
	Sodium Adsorption Ratio	Calculated from other analysis	No limit
	Iron Fixing Bacteria	Standard Method	0
	Sulfate Reducing Bacteria	Standard Method	0
	Coliform Bacteria	Standard Method	0
	pH	EPA Method 150.1	> 6.5 and < 8.5
	Combined Volume	Flow meter	25,000 barrels/day/well
	Injection Pressure (max)	Gauge	1,631 psi

*All chemical concentrations in this permit are expressed in Mg/L unless otherwise noted. pH is always expressed in standard units.

The above upper control limit (UCL) can not be exceeded for any parameter. Exceedance of this value is a violation of this permit and shall require notification under Section K of this permit. Failure to perform and report analyses in accordance with the prescribed schedule and method is also a violation of this permit.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year. All required analyses shall be conducted in compliance with 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 wells covered by this permit.

L. Permit Actions

This permit is issued for a period of ten (10) years. If the Permittee wishes to continue injection after the expiration date of this permit, he shall apply to the Administrator and obtain a new permit prior to the expiration date of this permit. 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 tubing, casing, cement, or confining layers.

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. Mechanical Integrity

Mechanical integrity shall be maintained continuously. The Permittee shall pressure test the casing before injection and at least once every five (5) years. The casing shall be pressure tested up to an indicated surface pressure of 700 psi and held for 15 minutes. A passing test shall show that there is less than 10% pressure loss after 15 minutes at 700 psi.

N. Abandonment or Conversion to Water Wells

General Requirements:

1. The Permittee shall notify the Administrator at least seven (7) days before conversion or abandonment of the facility.
2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this general 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. In no case shall the abandonment procedure be less stringent than that required at the time of abandonment by the Wyoming Oil and Gas Conservation Commission for the abandonment of producing oil wells.
4. Injection wells covered by this permit shall be permanently abandoned or converted to another use within three (3) years after the date when coal bed methane water was last injected unless those wells are converted to water wells.
5. Wells which are to be converted to another use shall be covered by an approved Wyoming State Engineer's permit for the well showing that it has been converted to a water well. A copy of this permit shall be submitted to the Department as proof that the well has been converted.

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.

P. 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.

Q. 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. Noncompliance resulting in a violation 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 violation. 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.

R. 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.

S. 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.

T. 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.

GB/rm/8-0289



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

May 28, 2008

David L. Ewing, P.E.
Vista West Engineering
P.O. Box 785
Sheridan, WY 82801

RE: Brooks/Smith Reconstruction, City of Sheridan, WY
WDEQ #08-096

Dear Mr. Ewing:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) 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 307-473-3478.

Sincerely,

Karen L. Farley, P.E.
Northeast District Supervisor, Water Quality Division

Enclosures: General Permits – Chapter 11, Chapter 12
Certificate of Completion

cc: Rod Liesinger, P.E., City of Sheridan, P.O. Box 848, Sheridan, WY 82801
WDEQ File, IPS (Cheyenne)



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-098

Forest River Reserve Subdivision - Test Well
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Ted Terry
Salt River Ranch LLC
2401 Lake Park Drive, Suite 355
Smyrna, GA 30080

to construct a public water supply test well only for the purposed of determining water quality and quantity as required by the Chapter 23 Wyoming Water Quality Rules and Regulations according to the procedures and conditions of the application number 08-098. The facility is located at SW 1/4 Section 9.T36N, R119W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by February 27, 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.

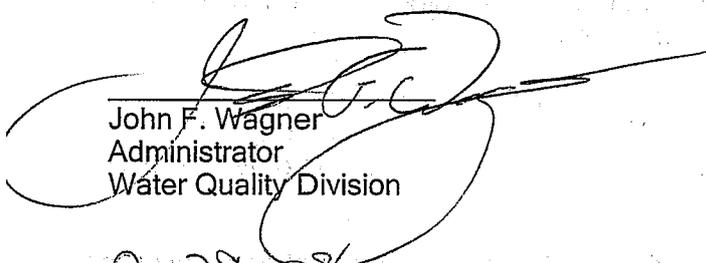
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

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:

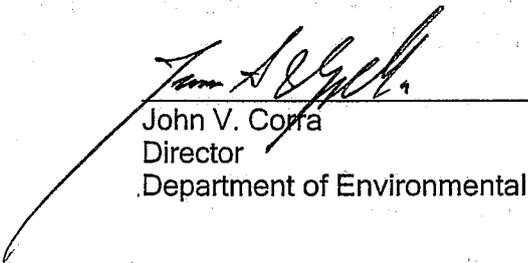
- 1 of 5 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, 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 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 5 Water quality data such as that for bacteriological contaminants, inorganic contaminants (IOC), volatile organic contaminants (VOC), synthetic organic contaminants (SOC) and radionuclide contaminants must be submitted before any new water well is put into service. The well water quality must be in compliance with the United States Environmental Protection Agency (USEPA) National Primary Drinking Water Standards.
- 4 of 5 Water well yield and drawdown tests must be submitted upon completion of the tests.
- 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

2-29-08
Date of Issuance

MDB/rm/8-0149


John V. Corra
Director
Department of Environmental Quality

STATEMENT OF BASIS

1. Permit Number: 08-098
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

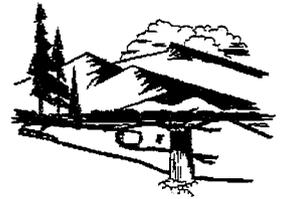
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mbaron@state.wy.us, Southwest District Engineer and completed on February 27, 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: Ryan J. Erickson, P.E., Sunrise Engineering, Inc., P.O. Box 609, Afton, WY 83110



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 20, 2008

Richard H. & Carole A. Weber
1545 Webbwood Road
Riverton, WY 82501

RE: Weber Sunrise Addition Water and Sewer Lines, Permit Number: 08-099, NE ¼, Section 26, T1N, R4E, Fremont County

Dear Mr. Weber:

This project involves the installation of 188 linear feet of 8-inch PVC sewer main, 1 manhole, two 4-inch services and 278 linear feet of 8-inch PVC water main, one fire hydrant and two 1-inch services for domestic use. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations 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
Terry Zenk, P.E., Apex Surveying, Inc., P.O. Box 1751, Riverton, WY 82501
Bill Urbigit, City of Riverton, 816 North Federal Blvd., Riverton, WY 82501

encl: General Permits an Public Water Supply and Existing Sewage Collection Systems

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
"AS-BUILT" PERMIT TO CONSTRUCT

PERMIT NO. 08-100

River 2 Project Area, Phase I

This permit hereby authorizes the applicant:

St. Mary Land and Exploration Corporation
550 N. 31st Street, Suite 500
P.O Box 7168
Billings, Montana 59103-7168

to have installed six compliance monitoring wells according to the procedures and conditions of the application number **08-100**. The facilities are proximal to two coalbed methane produced water impoundments located in Township 56N, Range 77W, Section 9 (P5677-0915) and Section 14 (P5677-1401) in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

- 1 of 4: 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 4: 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 4: Monitoring Requirements:

Groundwater protection:

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 in the following downgradient monitoring well: MW5677-0915A;
- Reporting results of quarterly monitoring and sampling are due by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **July 15, 2008**. Please submit all analytical data and correspondence to the DEQ, Sheridan field office.

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

Impoundment – P5677-0915

Parameter	MW5677-0915A Background Value (mg/L) (06/05/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.00002 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1	≥ 2400	3000
Total Dissolved Solids (TDS)	1070	≥ 4000	5000
PH	8.0	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at these impoundments, 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.

Surface water protection:

Impoundment P5677-0915:

In addition to the sampling and reporting schedule established above, groundwater in monitoring wells MW5677-0915D, MW5677-0915E, and MW5677-0915G shall be sampled until further notice in order to investigate any potential hydrologic connection to Clear Creek. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards Clear Creek.

The analytical results shall be submitted quarterly to the WDEQ on the same schedule established for groundwater protection above.

Impoundment P5677-1401

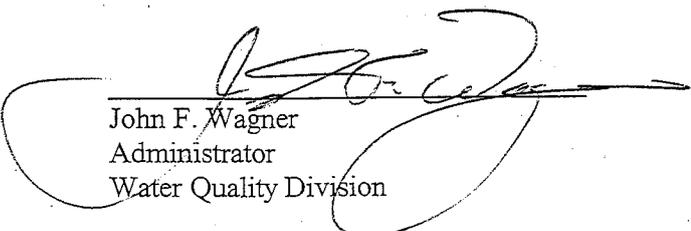
In addition to the sampling and reporting schedule established above, groundwater in monitoring wells MW5677-1401A and MW5677-1305B shall be sampled until further notice in order to investigate any potential hydrologic connection to the Powder River. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient, towards the Powder River.

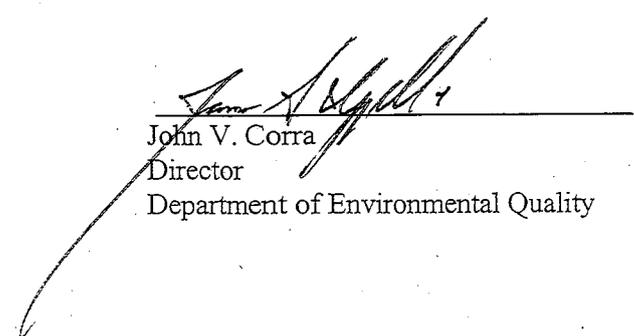
The analytical results shall be submitted quarterly to the WDEQ on the same schedule established for groundwater protection above.

4 of 4: Exceedence of Groundwater Standards:

Any exceedence of a groundwater quality standard listed in the preceding table, or as applicable in Water Quality Rules and Regulations, Chapter 8, Table I, is a violation of this permit. If an exceedence of groundwater standards or a threat to surface water occurs as a result of the operation of the impoundment, the WDEQ may require, among other things, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

2-29-08
Date of Issuance



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

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

PERMIT TYPE: **CBM: Groundwater Compliance Monitoring Program**

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 08-100

SITE (POD) NAME: River 2 Project Area, Phase I

APPLICANT: **St. Mary Land and Exploration Company**
Attn: Mr. James D. Shaffer
550 N. 31st Street, Ste. 500
P.O. Box 7168
Billings, Montana 59103-7168

CONSULTANT: **HydroSolutions Inc.**
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LOCATION: **Drainages: Ephemeral Tributaries to Clear Creek 56N, R77W, Sec. 9;**
and Powder River 56N, R77W, Sec. 14;
County: Sheridan

DATE ON REPORT: **Nov 12, 2007; Additional data submittal; Feb 4, 2008**

REVIEWING OFFICIAL: **Don Fischer, North District Geologic Supervisor**

DATE OF THIS REVIEW: **February 26, 2008**

ACTION: **Compliance Monitoring Plan authorized for River 2 Project Area, Phase I**
pursuant to conditions in permit # 08-100

monitoring different groundwater bearing strata. Given that MW5677-0915A is in an apparent downgradient location from the impoundment and that it is located between the impoundment and Clear Creek, MW5677-0915A will be established as the downgradient monitoring well for groundwater protection.

Impoundment P5677-1401

This proposed impoundment is located less than 500 feet from an un-named ephemeral tributary to the Powder River and approximately 2000 feet to the main stem of the Powder River. Initially, one boring was drilled to 110 feet below grade. Drilling data indicate that this impoundment will be constructed in alluvium and colluvium over shale with thin coal at 69 and 88 feet below grade and a then limestone layer at 62 feet below grade. Regionally, structure is dipping to the southwest. Local to the proposed impoundment, the site is situated on the nose of a structural high with bedrock dip predominately to the southwest with minor components to the south and southeast.

The first saturated interval was found at 95 feet below ground surface. A monitoring well was constructed and the static water level rose to 82.6 feet indicating a confined to semi-confined condition. The groundwater was classified by the DEQ as Class 4; however, due to the proximity of the impoundment to the Powder River, additional monitoring to protect the Powder River will be required.

2.0 MONITORING AND REPORTING REQUIREMENTS FOR GROUNDWATER PROTECTION

Groundwater monitoring at the impoundment 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 in the following monitoring well: MW5677-0915A.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15th, 2008.

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

Impoundment – P5677-0915

Parameter	MW5677-0915A Background Value (mg/L) (06/05/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.00002 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1	≥ 2400	3000
Total Dissolved Solids (TDS)	1070	≥ 4000	5000
pH	8.0	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at these impoundments, 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.

3.0 MONITORING AND REPORTING REQUIREMENTS FOR SURFACE WATER PROTECTION

Impoundment P5677-0915:

This proposed impoundment is located approximately 500 feet from an un-named ephemeral tributary to Clear Creek and 2400 feet from the main stem of Clear Creek. A water balance was conducted that demonstrates that water infiltrating from the impoundment should not reach Clear Creek over the proposed life of the impoundment. To further ensure protection of surface water, three additional monitoring wells were installed between the impoundment and Clear Creek.

In addition to the sampling and reporting schedule established in Section 2 above, groundwater in monitoring wells MW5677-0915D, MW5677-0915E, and MW5677-0915G shall be sampled until further notice in order to investigate any potential hydrologic connection to Clear Creek. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards Clear Creek.

The analytical results required under Section 3.0 of this review shall be submitted quarterly to the WDEQ along with the analytical results required under Section 2.0 of this review.

Impoundment P5677-1401

Because the first groundwater encountered was classified by the DEQ as a Class 4 groundwater, no additional monitoring of the groundwater will be required for groundwater protection.

This proposed impoundment is located less than 500 feet from an un-named ephemeral tributary to the Powder River and approximately 2000 feet to the main stem of the Powder River. A water balance was conducted that demonstrates that water infiltrating from the impoundment should not reach the Powder River over the proposed life of the impoundment. To further ensure protection of surface water, one additional monitoring well was installed between the impoundment and the Powder River.

In addition to the sampling and reporting schedule established in Section 2 above, groundwater in monitoring wells MW5677-1401A and MW5677-1305B shall be sampled until further notice in order to investigate any potential hydrologic connection to the Powder River. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following

parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient, towards the Powder River.

The analytical results required under Section 3.0 of this review shall be submitted quarterly to the WDEQ along with the analytical results required under Section 2.0 of this review.

END OF REVIEW

WDF/rm/8-0157

