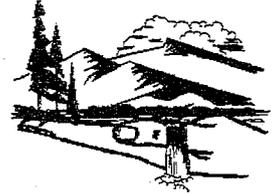




Department of Environmental Quality



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

July 25, 2008

William Urbigkit
Town of Riverton
816 North Federal Boulevard
Riverton, WY 82501

RE: North 8th West and West Park Sanitary Sewer, Permit Number: 08-451, Sec. 27, 28, 33 34, T. 1 N., R.4 E., W.R.M, Fremont County, Wyoming

Dear Mr. Urbigkit:

This project involves the replacement of the sanitary sewer located in the alley between West Park Avenue and West Fremont Avenue from north 6th Street West and North 9th Street West. The project consists of replacing existing 8" sewer with approximately 1500FL PVC SDR35 8" sewer main in Riverton, Wyoming. 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,

Atheer Alanbagi
Reviewing Engineer
Water Quality Division

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

xc: C. Dawn Wilhelm, P. E., Inberg-Miller Engineers, 124 East Main Street, Riverton, WY 82501
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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-452

Reference Permit No. 05-382

Land Application of Produced CBM Water
Section 20 Land Application Project - Renewal

This permit hereby authorizes the applicant:

Williams Production RMT Company
300 North Works Avenue
Gillette, Wyoming 82716

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 08-452. The facility is located in portions of Section 20, Township 47 North, Range 77 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 37 miles southwest of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

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

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

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

1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group 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 shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department.

3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

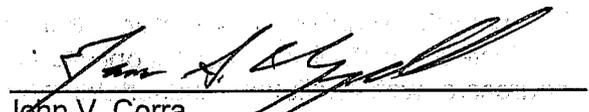
- a. Dates that the land application was initiated and terminated for the irrigation season; and
- b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
- c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
- d. Landowner certification and applicable documentation that the site has been properly reclaimed.

4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

8-1-08


John V. Corra
Director
Department of Environmental Quality

Date of Issuance

KJM/rm/8-0568

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 08-452 (renewal of Permit No. 05-382)
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?

Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on July 22, 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. 08-453

Reference Permit No. 05-345

Land Application of Produced CBM Water
Kingsbury Land Application Project - Renewal

This permit hereby authorizes the applicant:

Williams Production RMT Company
300 North Works Avenue
Gillette, Wyoming 82716

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 08-453. The facility is located in portions of Sections 26 and 27, Township 47 North, Range 77 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 35 miles southwest of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

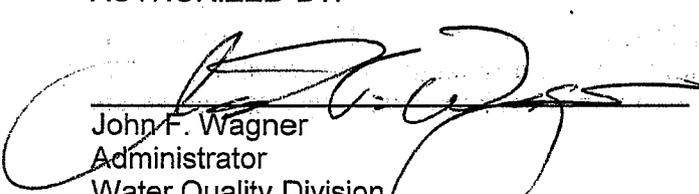
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor: any infringement of federal, state or local laws or regulations.

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

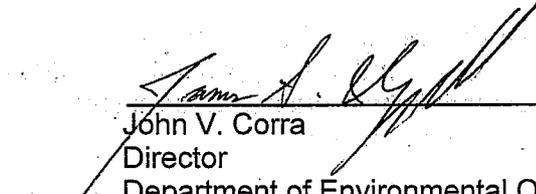
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group 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 shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department.
- 3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Dates that the land application was initiated and terminated for the irrigation season; and
 - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
 - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
 - d. Landowner certification and applicable documentation that the site has been properly reclaimed.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

8-5-08
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

KJM/rm/8-0569
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 08-453 (renewal of Permit No. 05-345)
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?
Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on July 22, 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. 08-454

Reference Permit No. 05-346

Land Application of Produced CBM Water
Section 13 Land Application Project - Renewal

This permit hereby authorizes the applicant:

Williams Production RMT Company
300 North Works Avenue
Gillette, Wyoming 82716

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 08-454. The facility is located in portions of Section 13, Township 47 North, Range 77 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 38 miles southwest of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

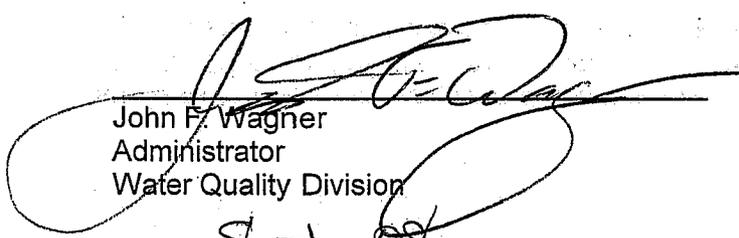
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor: any infringement of federal, state or local laws or regulations.

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

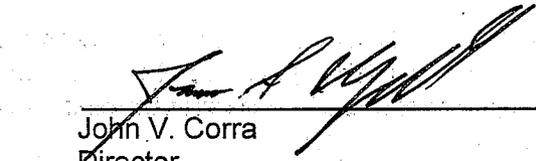
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group 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 shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department.
- 3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Dates that the land application was initiated and terminated for the irrigation season; and
 - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
 - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
 - d. Landowner certification and applicable documentation that the site has been properly reclaimed.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

8-1-08
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

KJM/rm/8-0570
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 08-454 (renewal of Permit No. 05-346)
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?

Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on July 22, 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. 08-455

Reference Permit No. 06-295

Land Application of Produced CBM Water
Barber Creek Ranch Land Application Project - Renewal

This permit hereby authorizes the applicant:

Williams Production RMT Company
300 North Works Avenue
Gillette, Wyoming 82716

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 08-455. The facility is located in portions of Sections 1, 2, and 11, Township 48 North, Range 76 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 24 miles west-southwest of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

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

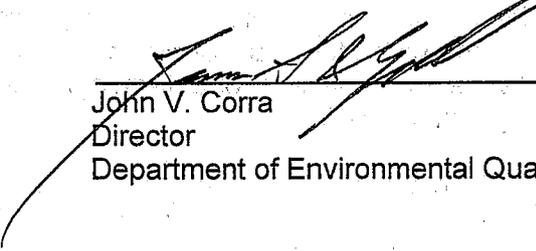
The permittee shall conduct permitted land application in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group 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 shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department.
- 3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Dates that the land application was initiated and terminated for the irrigation season; and
 - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
 - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
 - d. Landowner certification and applicable documentation that the site has been properly reclaimed.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8-1-08
Date of Issuance

KJM/rm/8-0571

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 08-455 (renewal of Permit No. 06-295)
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?

Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on July 22, 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. 08-456

REFERENCE PERMIT NO. N/A

Stone Gate I&SD Chlorination System Upgrades

This permit hereby authorizes the applicant:

Douglas McDuff
Stone Gate Improvement and Service District
P.O. Box 992
Gillette, WY 82717

to construct, install or modify the Stone Gate Improvement and Service District Chlorination System Upgrades, according to the procedures and conditions of the application number **08-456**. The facility is located in the NW ¼, Section 12, Township 49 North, Range 73 West, approximately 4 miles west of Gillette, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2009.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator. Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility meets applicable operational requirements. Compliance with applicable standards remains the responsibility of the permittee.

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit. The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

1 of 3

The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, 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.

2 of 3

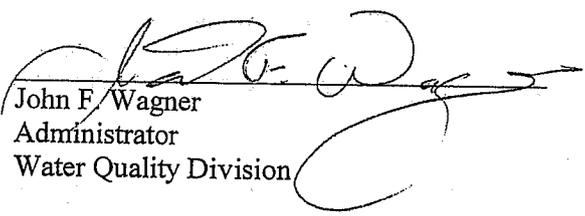
Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

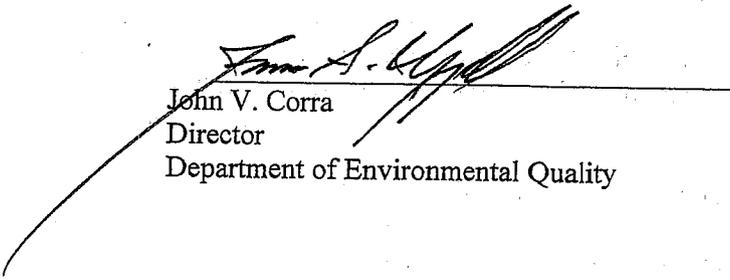
- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. 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.

3 of 3

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9-22-09
Date of Issuance

KLF/rm/9-0808

cc: Jason Spielman, P.E., Centennial Collaborative, 400 South Miller Avenue, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **08-456**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and Chapter 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 or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
N/A
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
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 Karen L. Farley, P.E., and completed on September 14, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 4, 2008

Timothy W. Stewart, Vice President
Leisure Valley, Inc.
P.O. Box 299
Thane, WY 83127

RE: Star Valley Ranch RV Park Plat 4 Stage 1, Water and Sewer System Extensions - Permit Number 08-457, NW1/4 Section 6 T34N, R118W, Lincoln County

Dear Mr. Stewart:

The above application for coverage under General Permits to Construct of water main and sewer main modifications for the new looped installation of 2,4 and 6-inch PVC waterline and 8-inch sewer collection mains and appurtenances to serve 141 additional RV lots of Plat 4 Stage 1 to the Leisure Valley, Inc. and Star Valley Ranch RV Park 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
Ryan J. Erickson, Sunrise Engineering Inc., P.O. Box 609, Afton, WY 83110

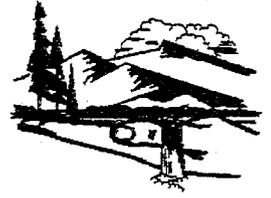
encl: General Permit for a Public Water Supply Distribution System
General Permit for a Sewage Collection System





Department of Environmental Quality

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



Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 2, 2008

Brad Vernon
Alpine Development Group, LLC
P.O. Box 12910
San Luis Obispo, CA 93406

RE: Snake River Junction Phases 4,5,B,C,D and E - Water and Sewer Main Extensions -
Permit Number 08-458, S ½ Section 20 & N ½ Section 29, T37N, R118W, Lincoln
County

Dear Mr. Vernon:

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 1821 linear feet (LF) of 8-inch PVC water main and about 1976 LF of 8-inch PVC sewer main to serve residential and commercial lots in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

xc: IPS, Cheyenne
Brian T. Lenz, P.E., Jorgensen Associates, P.C., P.O. Box 9550, Jackson, WY 83002

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

Page 1 of 1

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

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

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

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

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

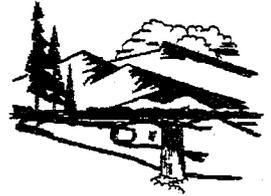
WATER QUALITY
(307) 332-3144
FAX 332-3183





Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 8, 2008

Enterprise Gas
Billy Perry
1241 State HWY 240
Opal, WY 83124

RE: Enterprise Gas - Opal Gas Processing Facility- Small Non-Discharging Wastewater Disposal Lagoon System- Permit Number 08-461, NE ¼, Section 22, T21N, R114W, Lincoln County

Dear Mr. Perry:

The above application for coverage under General Permits to Construct a Small Non-Discharging Wastewater Disposal Lagoon System consisting of two clay lined cells to serve 19 Gas Plant employees in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general 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
Thomas D. Crank, P.E., Crank Companies, P.O. Box 365, Diamondville, WY 83116
John Woodward, Lincoln County - Office of Planning and Development, P.O. Box 414, Afton, WY 83110

encl: General Permit for a Small Wastewater Facility

Page 1 of 1



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

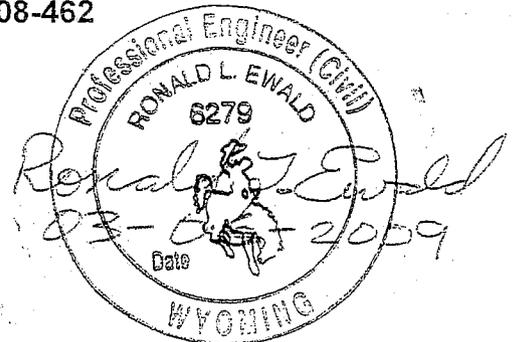
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Darling Residential Septic System
LOCATION: NE¼ NE¼, Section 1, T24N, R68W, **Platte County**
ENGINEER: None
APPLICANT: Ronald Darling
147 N. Wheatland
Wheatland, Wyoming 82201
Ph: (307) 359-0032

WATER QUALITY DIVISION REFERENCE NUMBER: **08-462**

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

2nd REVIEW
DATE OF REVIEW: March 6, 2009



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

General Comment - these remaining questions and concerns from the first review still have not been adequately answered or addressed:

3. Absorption System (leachfield) Size Calculations on Page 3 - In Item D.1.a. the design flow for the leachfield is calculated based on the number of bedrooms to be connected to it. The "Special Use Permit Report" indicates that there will be two(2) houses connected to this leachfield; an existing house and a new 34ft by 50ft house. To determine the design load for the leachfield the total number of bedrooms for both houses needs to be identified. → *In the first application package it was indicated that there was going to be a total of 3 bedrooms connected to this septic system. Now, in the second submission you indicate that each house is separate and that there are only 2 total bedrooms in the "new house"? So, the existing house is going to remain on it's own septic system? The special use permit report makes it sound like the two houses are going to be connected together. This reviewer finds it difficult to believe that there will now be only 2 bedrooms connected to the new system, especially after the first submission indicated 3 bedrooms. This time, please specify how many bedrooms each house has; and on the site plan where each house is located, where the existing septic tank and leachfield is located, where the new septic tank and leachfield is to be located, and the location of the well. Unless convinced otherwise, 2 total bedrooms for the new system will not be accepted. **Then the minimum required infiltrative surface area, must be recalculated.***

6. Site Plan Incomplete - the site plan is incomplete. There is missing information such as:

- a. Show NORTH on the site plan,
- b. Show both houses on site plan and how they connect to septic tank,
- c. Indicate which is the existing house and which is the new one, and
- d. Show the location, with distances, of the water well for the houses.

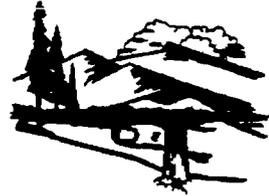
→ *The site plans submitted were unreadable and unusable because the printing on the page was so faded that it was almost "invisible". **The site plans and these items must be completely redone** and submitted in a quality that is easily readable and understandable.*

RLE/rm/9-0184

Enclosures: Clean / blank set of worksheets and detail sheets as needed.



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

CERTIFIED

January 15, 2009

Ronald J. Darling
147 N. Wheatland
Wheatland, WY 82201

RE: **Unpermitted Facility / Non Response to a Review:**

Application #: **08-462**

Dear Mr. Darling:

Our records indicate that a little over four months ago you submitted an application for a "Permit To Construct" for a residential septic system to the Wyoming Department of Environmental Quality (DEQ) / Water Quality Division (WQD). This application was incomplete and not allowed, and a review was sent out by this office dated September 5, 2008 requesting additional information. The particulars for this project are:

Facility Name: Darling Residential Septic System
WQD Reviewing Engineer: Ronald L. Ewald: (307) 777-6183
Response Deadline: March 5, 2009

According to Chapter 3 of the Water Quality Rules and Regulations, Section 9(a)(ii)(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." Please indicate on the **attached report form** the status of your application and **return this form immediately** to the DEQ / Water Quality Division. Also, please note and be reminded that the construction, installation, or modification of any sewerage system **without a Permit To Construct is a violation of Wyoming State Statutes** and can result in enforcement actions being undertaken by this Department. If you should have any questions, please call.

Sincerely;

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

RLE/rm/9-0033

Attachments: Project Status Report Form
Review Comments: September 5, 2008

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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Project Status Report Form: Application #: 08-462

- _____ The additional information requested will not be submitted as the proposed project has been canceled and the application is hereby withdrawn.
- _____ The requested information will be submitted before the response deadline of March 5, 2009.
- _____ The facility has already been constructed, or is under construction. Construction of any sewerage system, water system, treatment works, or disposal system will stop until an approved permit is issued. The requested information will be submitted within 30 days.
- _____ Other / Remarks:

Please note and be reminded that the construction, installation, or modification of any sewerage system, treatment works, disposal system, or any other facility capable of causing or contributing to pollution, or a public water supply system **without a Permit To Construct** is a violation of Wyoming State Statutes and can result in enforcement actions being undertaken by this Department.

Otherwise, unless this form is returned to the reviewing engineer identified within 30 days of the receipt of this letter, this application package will be returned. However, please note that the return of this application will not eliminate the possibility of future appropriate enforcement actions at a later date should a violation be discovered.

Mail To: Wyoming DEQ / Water Quality Division
 Attn. Ronald L. Ewald
 Herschler Building - 4 West
 122 West 25th Street
 Cheyenne, Wyoming 82002

Stamped Return Envelope Included

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

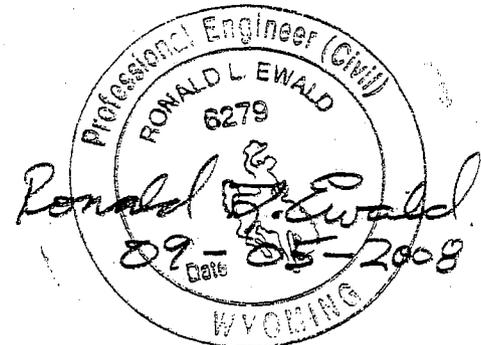
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Darling Residential Septic System
LOCATION: NE¼ NE¼, Section 1, T24N, R68W, **Platte County**
ENGINEER: None
APPLICANT: Ronald Darling
147 N. Wheatland
Wheatland, Wyoming 82201
Ph: (307) 359-0032

WATER QUALITY DIVISION REFERENCE NUMBER: **08-462**

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

DATE OF REVIEW: September 5, 2008



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

General Comment - the application is incomplete and unreviewable because many of the critical parts of the application were ignored and not answered. These questions and calculations must be completed so that a review of the application by the Water Quality Division (WQD) of DEQ can be accomplished. These shortcomings are specified below:

1. Percolation Test - the first thing that **must be done** is a percolation (perc) test on the soils in the area of the proposed leachfield to determine a perc rate. The actual raw perc test data must be turned in as part of the application.
2. Page 2 Missing Information - the following information was not provided in the original submittal and needs to be submitted next time. Items:
 - a. B.5. (a. or b.) - Percolation Rate in Minutes Per Inch (mpi).
 - b. B.6. - Seasonally high groundwater level, and how it was determined
 - c. B.7. - Depth to bedrock, and how this was determined.
3. Absorption System (leachfield) Size Calculations on Page 3 - these calculations were not done and a minimum size for a leachfield cannot be determined without doing them. In Item D.1.a. the design flow for the leachfield is calculated based on the number of bedrooms to be connected to it. The "Special Use Permit Report" indicates that there will be two(2) houses connected to this leachfield; an existing house and a new 34ft by 50ft house. To determine the design load for the leachfield the total number of bedrooms for both houses needs to be identified. Please specify how many bedrooms each house has. Next, Items D.2., and D.3., minimum required infiltrative surface area, must be calculated. However, this calculation can not be done until the perc test is completed.
4. Type and Size (foot print) of Leachfield - it appears from the application that you intend to use *Infiltrator*TM Brand, Equalizer 36 (EQ36) Model, chambers to construct your leachfield. This being the case, Part E.4. - Trench Design for Chamber Leachfield Systems on Page 5 must be completed. There is a chain of calculations to complete to determine the minimum number of chamber units that are required based on the perc rate, design flow, and equivalent area of the chamber unit chosen. It can't just be decided arbitrarily that 24 units are going to be installed, because that might not be enough.
5. Contractor / Installer - need the full mailing address, and the name of the company if there is one, of the contractor/installer on Page 6.
6. Site Plan Incomplete - the site plan is incomplete. There is missing information such as:

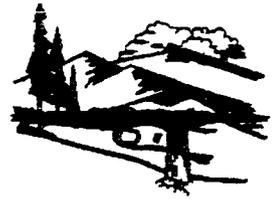
-
-
- a. Show NORTH on the site plan,
 - b. Show both houses on site plan and how they connect to septic tank,
 - c. Indicate which is the existing house and which is the new one, and
 - d. Show the location, with distances, of the water well for the houses.
7. Chambered Leachfield Detail Sheet - lastly, complete the proper (two trench or four trench or whatever) chambered leachfield detail sheet. Including the measurements on the trench cross-section drawing.

RLE/rm/8-0675

Enclosures: Clean / blank set of worksheets and detail sheets as needed.



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

July 13, 2009

Certified, Return Receipt Requested

Ronald Darling
147 N. Wheatland
Wheatland, Wyoming 82201

RE: **Inactive Application Number 08-462 / Action: Application Returned-Non Response**
Facility: Darling Residential Septic System, Location: Platte County

Dear Mr. Darling:

Your application, number 08-462, for a residential on-site septic system is considered inactive. It has been over 6 months since the Wyoming Department of Environmental Quality / Water Quality Division (WQD) sent out the first set of review comments dated September 5, 2008, and over 4 months since a second set of review comments was sent on March 6, 2009, both with the **Action: Not Authorized For Construction**. These review comments indicated that this application could not be permitted as proposed because the application package had numerous deficiencies, incorrect calculations, or was incomplete. Chapter 3, Section 9(a)(ii) of the Water Quality Rules and Regulations states the following:

Incomplete applications will be processed in the following manner:

- 1) Additional information shall be requested in detail or the application may be returned to the applicant. Incomplete permit applications will result in permit denial;
- 2) 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;

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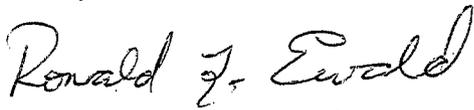
ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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This project **has not been permitted**. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed \$10,000 per day of violation. **If this project has already been constructed or partially constructed**, it is your responsibility to immediately contact this office for further information and instructions. If you wish to reconsider construction of this facility, then the application process must be started over and the application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations must be followed.

If you should have any questions, or if the WQD has gotten any of the facts of this situation wrong, or has made any errant assumptions, please contact Ronald Ewald at either (307) 777-6183 or rewald@wyo.gov. Please be reminded that the WQD could show up some time in the future to verify that no unauthorized septic system construction/installation has occurred at this location.

Sincerely,



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

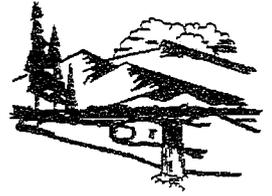
RLE/rm/9-0598

cc: IPS
Marlin Johnson, Platte County Planner, P.O. Box 728, Wheatland, Wyoming 82201
Southeast District, WQD: Inactive Application Returned file

Enclosures: Application package
Copy of review comments dated September 5, 2008
Copy of review comments dated March 6, 2009



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 07, 2008

Mary Lankford, County Clerk
PO Box 250
Pinedale, WY 82941

RE: Marbleton Ambulance Barn- Permit Number 08-463R, Lots 6-12, Block 18, (NE1/4, Section 30, T30N, R111W) Sublette County

Dear Mary Lankford:

The above application for coverage under General Permits to Construct, sewer service modifications to include 4-inch PVC services to include a grease trap for wash bays and the proposed installation of a 6-inch PVC water service with sprinkler system to serve the ambulance barn located in Marbleton in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Brian Gray, WLC Engineering, Surveying and Planning, PO Box 1519, Pinedale, WY 82941
encl: General Permit for a Sewage Collection System
General Permit for a Public Water Supply Distribution System



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-464

EnCana Oil & Gas Jonah Office - Wagon Road 1-26 - Public Water Supply Test Well
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Mike Kennedy
EnCana Oil & Gas (USA) Inc.
370 17th Street, Suite 1700
Denver, CO 80202

to construct a public water supply test well only for the purposed of determining water quality and quantity according to the procedures and conditions of the application number 08-464. The facility is located at SW ¼ NW ¼ Section 26, T29N, R107W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 10, 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.

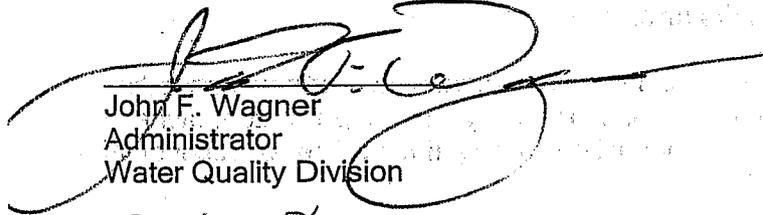
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

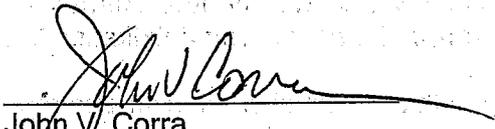
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 6 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 6 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 6 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 6 Water well yield and drawdown tests must be submitted upon completion of the tests.
- 5 of 6 At least two inch thick grout must be installed between the 7-inch steel casing and the bore hole for the full length of the grout.
- 6 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

9-11-08
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

MDB/rm/8-0693

STATEMENT OF BASIS

1. Permit Number: 08-464
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 September 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."

cc: John Wetstein, P.E., Wester-Wetstein & Associates, 605 Plaza Court, Laramie, WY 82070

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-465

Togwotee Mountain Lodge - Water System Improvements

This permit hereby authorizes the applicant:

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

to installing a new 20,000 gallon FRP underground potable water tank with associated valves and piping to provide additional water storage for the lodge during the winter season; according to the procedures and conditions of the application number 08-465. 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 32, T45N, R111W in the county of Teton, 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.

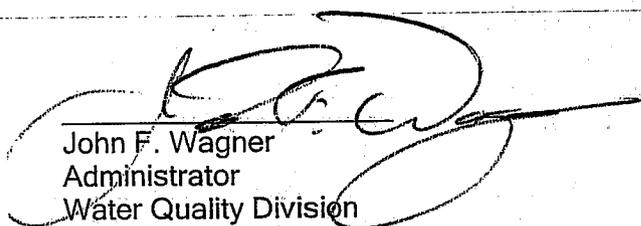
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

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.

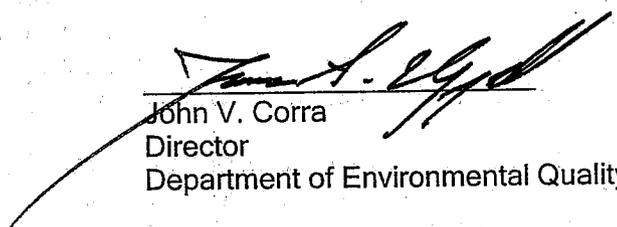
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit;
or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

8-13-08
Date of Issuance

AA/rm/8-0601

STATEMENT OF BASIS

1. Permit Number: 08-465
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 Atheer Alanbagi, Civil Engineer, and completed on August 12, 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: Frank J. Grimes, P.E., Nelson Engineering, P. O. Box 1599, Jackson, WY 83001

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-466

FLYING J TRAVEL PLAZA-RAWLINS WY

This permit hereby authorizes the applicant:

Flying J - Rawlins Travel Plaza

to construct, install or modify a install an inline comminutor according to the procedures and conditions of the application number 08-466. The facility is located in SW1/4 Section 14 T21N R88W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 11, 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.

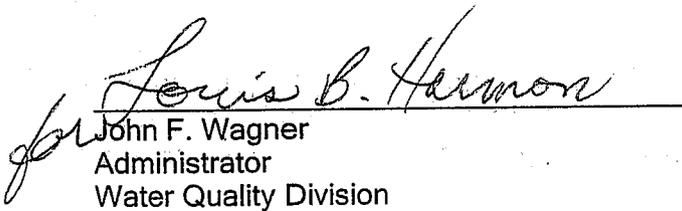
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

Date of Issuance 8-1-08

LBH/rm/8-0580

STATEMENT OF BASIS

1. Permit Number: **08-466**
2. This application was reviewed for compliance with the applicable regulations ;

Chapters 3, 11

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

Yes

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

Sewerage systems are exempted from review by Chapter 3, Section 17.

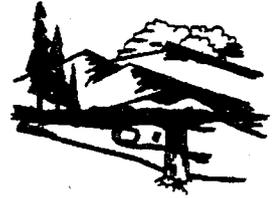
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

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 July 31, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 25, 2008

Jeffrey Pecenka, Engineering Manager
Cheyenne BOPU
2406 Snyder Avenue
Cheyenne, WY 82003

RE: Saddle Ridge Elementary School Water and Sewer Project
Application No. **08-467**

Dear Ms. Pecenka:

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 1, 2010. Please reference Application Number **08-467** in any future correspondence.

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

Sincerely,

Brian Mark
Staff Engineer
Water Quality Division

BDM/rm/8-0644

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: Erin Gates, BenchMark Engineers, PC, 1920 Thomas Avenue, Suite 620, Cheyenne, WY 82001

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-468

Woodland Park Mobile Home Village WW Treatment Plant Upgrade

This permit hereby authorizes the applicant:

Royal Elk Properties, LLC
PO Box 44690
Boise ID 83711

to construct, install or modify a replacement of an existing system with an extended aeration Case Cotter Plant, UV disinfection and aerated polishing pond according to the procedures and conditions of the application number 08-468. The facility is located in N/NW1/4 Section 23 T55N R84W; Sheridan County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed January 11, 2012.

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

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

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

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

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

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

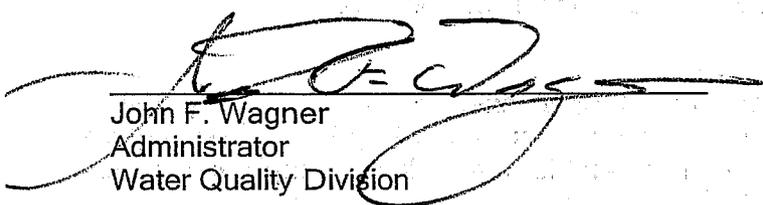
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

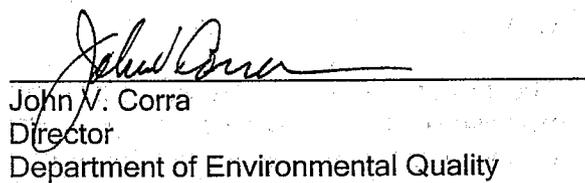
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002; a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

Date of Issuance 12/8/08

LBH/rm/8-0952

STATEMENT OF BASIS

1. Permit Number: **08-468**
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3. 11
3. Does the permit comply with all applicable regulations identified above?
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
5. The basis for determining groundwater will be protected is
 - a. The facility is designed and will be operated so that it will not to violate groundwater standards.
The gradient of the ground water is such that it all moves to the Little Goose Creek, which is adjacent to the lagoons. The discharge from the treatment plant into the lagoons meets the WYPDES permit discharge standards for direct discharge into the lagoons.
 - b. 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.
A monitoring plan is not required because any discharge to the groundwater will result in direct groundwater movement to and discharge into the Little Goose Creek.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis Harmon, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on December 2, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 8, 2008

Robert Sinnard
185 Hightower
Wheatland, WY 82201

RE: Robert Sinnard Residential Septic System,
Location: NW¼, Section 11, T24N, R68W,

Application No. **08-469**
Platte County

Dear Mr. Sinnard:

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

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.
2. Leachfield Header Pipe Layout Requirement - the header pipe layout (the pipe at the head of the two trenches where the flow from the septic tank effluent line is split into two lines to be run into the beginning of the trenches) is unacceptable as it was submitted and shown on the site plan. The original arrangement depicted will not split the flow equally because the momentum of the effluent in the pipe will carry almost all of the flow straight past the uphill trench tee fitting and most of the effluent will end up in the downhill trench.

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

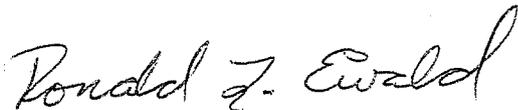


Therefore, the effluent SHALL first be turned 90° with an elbow and then flow into the leg of a tee fitting, thus impacting the back side of the cross bar, which causes the flow to split relatively equally flowing at about 50% out of each of the two arms of the tee fitting. See sketch included.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 5, 2010. Please reference Application Number 08-469 in any future correspondence.

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

Sincerely,



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

RLE/rm/8-0469

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion
Leachfield Header Pipe layout Sketch

cc: IPS, Cheyenne
Bob Bauer, 5 N. Hightower Rd., Wheatland, Wyoming 82201
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

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

PERMIT NO. 08-470

Carr Draw, Hayden CBM Development Area, Phase II, Multiple Reservoirs

This permit hereby authorizes the applicant:

Williams Production RMT Company
Attn.: MS. Peggy Carter
300 N. Works Avenue
Gillette, WY 82716

to have installed four (4) compliance monitoring wells according to the procedures and conditions of the application number 08-470. The facilities are proximal to coalbed methane produced water impoundments located in Township 50N, Range 75W and 76W, Sections 1, 7, 17, and 20 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

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

- Measurement of static water level and sampling and analysis of groundwater at down-gradient wells: Hayden 42-1-5076 MW-01, Hayden 21-7-5075 MW-01, Edsel MW-01, Mundane MW-01;
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15, 2008;
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment:

Impoundment: Hayden 42-1-5076

Parameter	Hayden 42-1-5076 MW-01	Class III
	Background Value (mg/L) (11/28/2006)	Water Quality Standards (mg/L)
Arsenic	0.007	0.2
Selenium	ND	0.05
Sulfate	1930	3000
Total Dissolved Solids (TDS)	3000	5000
pH	7.17	6.5 – 8.5 (s.u)

Impoundment: Hayden 21-7-5075

Parameter	Hayden 21-7-5075 MW-01	Class III
	Background Value (mg/L) (11/27/2006)	Water Quality Standards (mg/L)
Arsenic	ND	0.2
Selenium	ND	0.05
Sulfate	975	3000
Total Dissolved Solids (TDS)	1580	5000
pH	8.18	6.5 – 8.5 (s.u)

Impoundment: Edsel

Parameter	Edsel MW-01 Background Value (mg/L) (09/19/2006)	Class III Water Quality Standards (mg/L)
Arsenic	0.001	0.2
Selenium	ND	0.05
Sulfate	1400	3000
Total Dissolved Solids (TDS)	2260	5000
pH	7.55	6.5 – 8.5 (s.u)

Impoundment: Mundane

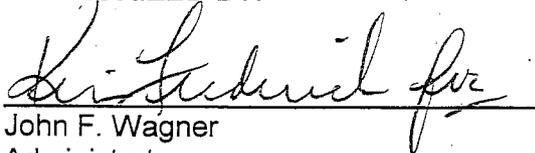
Parameter	Mundane MW-01 Background Value (mg/L) (09/19/2006)	Class III Water Quality Standards (mg/L)
Arsenic	0.003	0.2
Selenium	0.034	0.05
Sulfate	305	3000
Total Dissolved Solids (TDS)	645	5000
pH	7.82	6.5 – 8.5 (s.u)

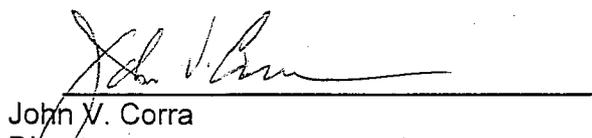
If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

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: DEQ-CBMGroundwater@WYO.GOV. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

4 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, 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

8-22-08
Date of Issuance

CBD/rm/8-0637



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: 08-470

SITE (POD) NAME: Carr Draw Hayden CBM Development Area

APPLICANT: Williams Production RMT Company
Attn.: Ms. Peggy Carter
300 N. Works Avenue
Gillette, Wyoming 82716

CONSULTANT: CMBA Associates, Inc.
Attn.: Mr. Luke McMahan
500 W. Lott St.
Buffalo, Wyoming 82834

LOCATION: Drainage: Carr Draw,
tributary to Fortification Creek,
tributary to Powder River
County: Campbell
Township 50 North; Range 75 and 76 West

WYPDES No: Discharge Permit: WY0054356

DATE ON REPORT: February 28, 2008

REVIEWING OFFICIAL: Carrie Donnell, North District Geological Analyst

DATE OF THIS REVIEW: August 19, 2008

ACTION: Compliance Monitoring Plan authorized for Hayden 42-1-5076, Hayden 21-7-5075, Edsel, and Mundane Reservoirs pursuant to conditions on permit # 08-470.

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description:

Watershed Name: Carr Draw, tributary to Fortification Creek, tributary to Powder River

Groundwater Classification:

Class 1 (domestic) _____

Class 2 (agricultural) _____

Class 3 (livestock) 4

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards and exceeds both Class I and Class II standards for Sulfate, TDS, manganese, Selenium, and/or Sodium Adsorption Ratio (SAR) (Table 1- Chapter 8).

Table 1. Basis for Ground Water Classification by impoundment Name covered under Permit 08-470

Impoundment Name	Compliance Monitoring Well	Sulfate (mg/l)	TDS (mg/l)	Se (mg/l)	Mn (mg/l)	SAR
Hayden 42-1-5076	Hayden 42-1-5076 MW-01	1930	3000		0.46	
Hayden 21-7-5075	Hayden 21-7-5075 MW-01	975	1580			11.8
Edsel	Edsel MW-01	1400	2260		0.33	
Mundane	Mundane MW-01	305	645	0.034		

An initial report was submitted to WDEQ on February 9, 2007. This report was submitted without supporting documentation of groundwater flow directions. A deficiency letter was written and no further work was done on this project pending additional supporting documentation.

A meeting was held in the Sheridan WDEQ office on February 14, 2008 among Peggy Carter (Williams Production), Luke McMahan (CBMA) and Pete Vogel (WDEQ). At that meeting, a computer generated potentiometric map was presented along with structural cross-sections supporting the generalized ground water gradients. A supplemental report containing supporting data was then submitted to the WDEQ on February 28, 2008. The supplemental data were considered adequate to document the down gradient wells for reservoirs Hayden 21-7-5075 and Mundane.

The remaining two impoundments incorporated in this review and permit (Hayden 42-1-5076 and Edsel) exhibit unconfined conditions and the

monitoring wells which were installed down-topographic-gradient are considered to be adequately positioned to monitor groundwater quality down-gradient of the reservoirs.

The need for a down-gradient well still persists at the Wind Channel Reservoir due to confining conditions below the proposed reservoir. The wind Channel was included in the original permit application. Supplemental data supporting groundwater flow direction below the impoundment has not been supplied to the WDEQ as of 7/28/2008.

Description of Hydrogeology:

First groundwater occurrences at three of the cited locations (Edsel, Hayden 42-1-5076, and Mundane) are in sandstones ranging from 11-30 ft thick underlain by 4-8 ft thick coal. All three exhibit unconfined conditions. Correlation is subject to interpretation, however, due to elevation differences of the water-bearing zones and heterogeneity of the units overlying the water-bearing zones. Depths to the sandstones coincide approximately with the first occurrence of ground water.

The first groundwater occurrence at the remaining site (Hayden 27-1-5075) is in a 6 ft thick sandstone. The static water level indicates approximately 12 ft of confining head. Groundwater flow is interpreted to be to the northwest.

Table 2. Names of Impoundments covered under Permit 08-470

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Town.	Range	Down gradient Monitoring Well
Hayden 42-1-5076	8.5	SENE	1	50N	76W	Hayden 42-1-5076 MW-01
Hayden 21-7-5075	16.81	NENW	7	50N	75W	Hayden 21-7-5075 MW-01
Edsel	6.2	NWNW	17	50N	75W	Edsel MW-01
Mundane	19.9	NENE	20	50N	75W	Mundane MW-01

No other domestic, agricultural or livestock wells are noted in the immediate area that will be impacted. No seeps or springs are noted in the immediate area.

2.0 MONITORING AND REPORTING REQUIREMENTS

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

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells: Hayden 42-1-5076 MW-01, Hayden 21-7-5075 MW-01, Edsel MW-01, Mundane MW-01.

- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15, 2008
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment:

Hayden 42-1-5076

Parameter	Hayden 42-1-5076 MW-01 Background Value (mg/L) (11/28/2006)	Class III Water Quality Standards (mg/L)
Arsenic	.007	0.2
Selenium	ND	0.05
Sulfate	1930	3000
Total Dissolved Solids (TDS)	3000	5000
pH	7.17	6.5 – 8.5 (s.u)

Hayden 21-7-5075

Parameter	Hayden 21-7-5075 MW-01 Background Value (mg/L) (11/27/2006)	Class III Water Quality Standards (mg/L)
Arsenic	ND	0.2
Selenium	ND	0.05
Sulfate	975	3000
Total Dissolved Solids (TDS)	1580	5000
pH	8.18	6.5 – 8.5 (s.u.)

Edsel

Parameter	Edsel MW-01 Background Value (mg/L) (09/19/2006)	Class III Water Quality Standards (mg/L)
Arsenic	0.001 (total)	0.2
Selenium	ND	0.05
Sulfate	1400	3000
Total Dissolved Solids (TDS)	2260	5000
pH	7.55	6.5 – 8.5 (s.u)

Mundane

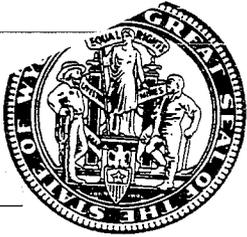
Parameter	Mundane MW-01 Background Value (mg/L) (09/19/2006)	Class III Water Quality Standards (mg/L)
Arsenic	.003	0.2
Selenium	.034	0.05
Sulfate	305	3000
Total Dissolved Solids (TDS)	645	5000
pH	7.82	6.5 – 8.5 (s.u)

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: DEQ-CBMGroundwater@wyo.gov. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW

CBD/rm/8-0637



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 1, 2008

Kevin & Trista Teten
521 Hightower Road
Wheatland, WY 82201

RE: Teten Residential Septic System,
Location: SW¼ NW¼, Section 18, T24N, R68W,

Application No. **08-471**
Platte County

Dear Mr. and Mrs. Teten:

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

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.
2. Leachfield Header Pipe Layout Requirement - the header pipe layout (the pipe at the head of the two trenches where the flow from the septic tank effluent line is split into two lines to be run into the beginning of the trenches) is unacceptable as it was submitted and shown on the site plan. The original arrangement depicted will not split the flow equally because the momentum of the effluent in the pipe will carry almost all of the flow straight past the uphill trench tee fitting and most of the effluent will end up in the downhill trench.

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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Therefore, the effluent SHALL first be turned 90° with an elbow and then flow into the leg of a tee fitting, thus impacting the back side of the cross bar, which causes the flow to split relatively equally flowing at about 50% out of each of the two arms of the tee fitting. See sketch included.

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 1, 2010. Please reference Application Number **08-471** in any future correspondence.

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

Sincerely,



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

RLE/rm/8-0761

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion
Leachfield Header Pipe Layout Sketch

cc: IPS, Cheyenne
Bob Bauer, 5 N. Hightower Rd., Wheatland, Wyoming 82201
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201

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

PERMIT NO. 08-472

Pinnacle – Wolff – Jim Reservoir

This permit hereby authorizes the applicant:

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

to have installed two (2) compliance monitoring wells according to the procedures and conditions of the application number 08-472. The facility is proximal to the coalbed methane produced water impoundment located in Township 54N, Range 73W, Section 6 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

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

1 of 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 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 in all wells: Jim MW-1, Jim MW-2, and Jim MW-3;
- Sampling and analysis of groundwater at wells Jim MW-1 and Jim MW-2. A background sample at Jim MW-2 must be obtained and reported to WDEQ prior to discharge. Monitoring may be reduced when/if groundwater flow direction is definitively established;
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15th, 2008.

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

Impoundment Jim

Parameter	Jim MW-1	Class III
	Background Value (mg/L) (04/13/06)	Water Quality Standards (mg/L)
Arsenic	0.001	0.2
Selenium	<0.005 (ND)	0.05
Sulfate	931	3000
Total Dissolved Solids (TDS)	1540	5000
pH	6.6	6.5 – 8.5 (s.u)

Impoundment Jim

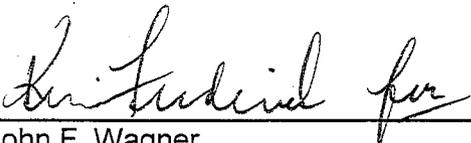
Parameter	Jim MW-2 Background Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	No sample as of date of review	0.2
Selenium	No sample as of date of review	0.05
Sulfate	No sample as of date of review	3000
Total Dissolved Solids (TDS)	No sample as of date of review	5000
pH	No sample as of date of review	6.5 – 8.5 (s.u)

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.

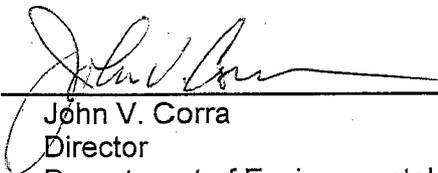
The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: DEQ-CBMGroundwater@wyo.gov. 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.

- 4 of 4. Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, 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

8-22-08
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: 08-472

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

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

CONSULTANT: SWCA
 Attn.: Jamie Martin
 1043 Coffeen Ave. Suite D
 Sheridan, WY 82801

LOCATION: Drainage: Horse Creek,
 tributary to Little Powder River
 County : Campbell
 Township 54 North; Range 73 West

Date On Initial Report: April 15, 2008

REVIEWING OFFICIAL: Carrie Donnell, North District Geological Project Analyst

DATE OF THIS REVIEW: August 21, 2008

ACTION: Compliance Monitoring Plan authorized for Pinnacle – Wolff – Jim Reservoir pursuant to conditions on permit # 08-472

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Horse Creek, tributary to Little Powder River

Groundwater Classification:

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

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

Table 1. Summary of Groundwater Chemistry

Well Name	Sample Date	Sulfate mg/l
Class I Limit		250
Class II Limit		200
Jim MW-1	4/10/2008	931

Description of Hydrogeology: Groundwater was encountered in the three holes drilled at the Jim Reservoir site, and three monitoring wells were completed. The wells appear to be completed in the same unconfined water bearing zone. Well screen elevations and static water elevations exhibited by the wells are similar. Water chemistry was sampled for MW-1 and is shown in Table 1 above.

The groundwater beneath the impoundment appears to be unconfined. Static water elevations indicate that the groundwater flow direction is to the west-northwest, which is unexpected for an unconfined system in this topographic setting. Because the static water levels are so similar, a definitive groundwater flow direction cannot be conclusively determined at this time. Therefore, monitoring wells Jim MW-1 and Jim MW-2 shall both be monitored for potential impacts to the groundwater until the flow direction can be established. Once the groundwater flow direction is established, monitoring requirements may be reduced.

Table 2. Names of Impoundment covered under Permit 08-472

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Town.	Range	Downgradient Monitoring Well
Jim	20.0	SWSE	6	54 N	73 W	Jim MW-1 Jim MW-2

2.0 MONITORING AND REPORTING REQUIREMENTS

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

- Measurement of static water level in all wells: Jim MW-1, Jim MW-2, Jim MW-3;
- Sampling and analysis of groundwater at wells: Jim MW-1 and Jim MW-2.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15th, 2008.

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

Impoundment Jim

Parameter	Jim MW-1 Background Value (mg/L) (04/13/06)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	0.2
Selenium	<0.005 (ND)	0.05
Sulfate	931	3000
Total Dissolved Solids (TDS)	1540	5000
pH	6.6	6.5 – 8.5 (s.u)

Parameter	Jim MW-2 Background Value (mg/L) (04/13/06)	Class III Water Quality Standards (mg/L)
Arsenic	No sample as of date of review	0.2
Selenium	No sample as of date of review	0.05
Sulfate	No sample as of date of review	3000
Total Dissolved Solids (TDS)	No sample as of date of review	5000
pH	No sample as of date of review	6.5 – 8.5 (s.u)

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: DEQ-CBMGroundwater@wyo.gov. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

END OF REVIEW
CBD/rm/8-0635

PERMIT TO CONSTRUCT

CHANGE OF OWNERSHIP

PERMIT NO. 08-473
SPECIAL CONDITIONS
REF/PERMIT NO. 02-279 and 03-355

Newpark Water Treatment Facility
Commerical Oilfield Wastewater Evaporation Pond

This permit hereby authorizes the applicant:

Newpark Environmental Water Solutions, LLC
2700 Research Forest Drive, Suite 100
The Woodlands, TX 77381

to assume ownership of the commercial oil and gas exploration and production exempt waste disposal and treatment pond permitted to receive produced water only, and operate it according to the procedures and conditions of this permit number 08-473, as derived from the reference permit numbers 02-279 and 03-355. The facility is located in the southwest quarter of Section 32, Township 31 North, Range 107 West, in the county of Sublette, in the State of Wyoming.

The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator. Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility will meet applicable permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by the DEQ of the construction, design or operation of the facility described herein. 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, maintenance or operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, Water Quality Division, to enter and inspect any property, premise or place on or at which the facility is located or where land application of waste is made 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 this permit, 08-473; referenced permits 02-279 and 03-355, and applicable supporting documents. 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:

Conditions from Permit 02-289, signed October 16, 2002

Permit 02-289 had 12 numbered conditions. The numbered conditions of the permit that have been satisfied or are no longer applicable are 1 of 12, 2 of 12, 5 of 12, and 10 of 12. Conditions 3 of 12, 4 of 12, 6 of 12, 7 of 12, 8 of 12, 9 of 12, 11 of 12, and 12 of 12 have been carried forward and renumbered as conditions of this permit.

Conditions from Permit 03-355, signed September 8, 2003

Permit 03-355 had 12 numbered conditions. The numbered conditions of the permit that have been satisfied or are no longer applicable are 1 of 12, 2 of 12, 5 of 12, and 10 of 12. Conditions 3 of 12, 4 of 12, 6 of 12, 7 of 12, 8 of 12, 9 of 12, 11 of 12, and 12 of 12 have been carried forward and renumbered as conditions of this permit.

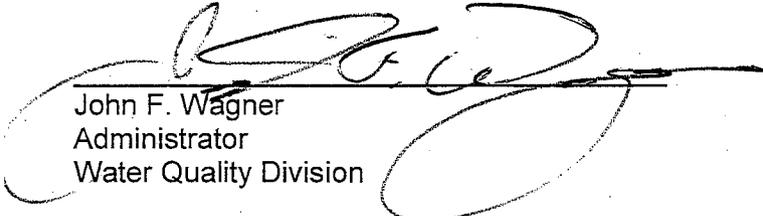
- 1 of 8 This pond is permitted to receive oil and gas field exploration and production produced water only.
- 2 of 8 The leak detection system inspection pipes are to be checked weekly for the first month and monthly thereafter with a log kept of the inspection results. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and the evaporation cell(s) and tested for total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified for gasoline and diesel range hydrocarbons), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ CBM / Oil and Gas Group as soon as they are available.
- 3 of 8 If fluid is found in the leak detection system, and a leak is verified by observation or sampling and testing, the fluid recirculating system shall be activated to minimize the fluid level under the pond liner and the chance for migration of the fluid to groundwater, until repairs and/or corrective action can be taken.
- 4 of 8 If a leak in the primary liner or a cell is confirmed, the following monitoring, reporting and repair actions are required:
 - 1) High level alarms on the recirculating leak detection system sumps shall be continuously monitored.
 - 2) The totalizing hour meters shall be read at least weekly.
 - 3) If the recovery rate exceeds 400 gallons per day per acre (pgd/acre) for any sub-cell as delineated by the recovery system, the permittee shall notify DEQ CBM / Oil and Gas Group within seven (7) days. Repair of the primary liner must be scheduled within 12 months.
 - 4) If the recovery rate exceeds 800 gpd/acre for any sub-cell as delineated by the recovery system, the DEQ CBM / Oil and Gas Group shall be notified within 48 hours. Repairs of the primary liner must be scheduled within 60 days.
 - 5) If the high level alarm level is reached, DEQ CBM / Oil and Gas Group shall be notified immediately. Repair of the primary liner must be initiated immediately.
 - 6) If fluids are detected in the leak detection system and there is a threat of contamination to groundwater, DEQ CBM / Oil and Gas Group may require periodic sampling and testing of groundwater monitoring wells. Required sampling and testing parameters and frequency will be determined by DEQ.
- 5 of 8 Fluids in the evaporation cells are to be sampled and analyzed annually during the fall to determine levels of total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified for gasoline and diesel range petroleum hydrocarbons), chlorides, total dissolved solids (TDS) and sulfates.
- 6 of 8 All open-topped tanks shall be covered with netting or screen to prevent the entry of birds and/or other wildlife. The netting or screen shall be constructed so it remains intact and above the surface of the liquid in the tank even during winds up to 80 mph and/or weighted with snow, ice, or rain.

To protect birds and other wildlife, evaporation cells shall be kept virtually oil free at all times, or shall be completely netted or screened to the standards required for open-topped tanks. All produced water received by this facility shall be treated in the receiving and pre-treatment facilities to remove hydrocarbons from the produced water before it is discharged to the evaporation cells. If a sheen develops on any part of the evaporation cell, it shall be removed immediately by skimming, use of sorptive materials and/or by the introduction to the evaporation cell(s) of biological cultures that digest hydrocarbons.

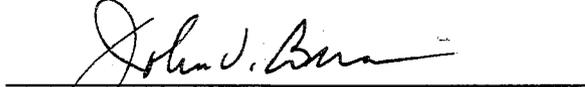
7 of 8 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis.

8 of 8 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

2/13/09
Date of Issuance

KJM/rm/9-0110

STATEMENT OF BASIS

1. Permit Number: **08-473**
2. Application reviewed for compliance with the following applicable regulations :
Chapters 3, 11, and 14 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.

Pond cells are to be double lined with 60 mil high density polyethylene (HDPE) primary liners and compacted clay secondary liners. Each cell will be equipped with a leak detection system. If a leak is detected, there is a recirculation system to return leaking fluids to the pond, thus reducing the hydrostatic head on the secondary liner and minimizing migration of the fluids to groundwater. Testing of groundwater in the proposed monitoring wells is to be performed to establish background conditions prior to the initial filling of the ponds.

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.

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

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.

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

Fluids in the pond are to be checked annually for hazardous 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, CBM / Oil and Gas Group and completed on August 29, 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."

PERMIT TO CONSTRUCT

CHANGE OF OWNERSHIP

PERMIT NO. 08-474
SPECIAL CONDITIONS
REF/PERMIT NO. 03-234

Lot 19 Evaporation Pond
Newpark Water Treatment Facility
Commerical Oilfield Wastewater Evaporation Pond

This permit hereby authorizes the applicant:

Newpark Environmental Water Solutions, LLC
2700 Research Forest Drive, Suite 100
The Woodlands, TX 77381

to assume ownership of the commercial oil and gas exploration and production exempt waste disposal and treatment pond permitted to receive produced water only, and operate it according to the procedures and conditions of this permit number 08-474, as derived from the reference permit number 03-234. The facility is located in the southwest quarter of Section 32, Township 31 North, Range 107 West, in the county of Sublette, in the State of Wyoming.

The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and operator. Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility will meet applicable permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

Nothing in this permit constitutes an endorsement by the DEQ of the construction, design or operation of the facility described herein. 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, maintenance or operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

The permittee shall allow authorized representatives from the DEQ, Water Quality Division, to enter and inspect any property, premise or place on or at which the facility is located or where land application of waste is made 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 this permit, 08-474; referenced permit 03-234, and applicable supporting documents. 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:

Conditions from Permit 03-234, signed October 22, 2003

Permit 03-234 had 12 numbered conditions. The numbered conditions of the permit that have been satisfied or are no longer applicable are 1 of 12, 2 of 12, 5 of 12, and 10 of 12. Conditions 3 of 12, 4 of 12, 6 of 12, 7 of 12, 8 of 12, 9 of 12, 11 of 12, and 12 of 12 have been carried forward and renumbered as conditions of this permit.

- 1 of 8 This pond is permitted to receive oil and gas field exploration and production produced water only.
- 2 of 8 The leak detection system inspection pipes are to be checked weekly for the first month and monthly thereafter with a log kept of the inspection results. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and the evaporation cell(s) and tested for total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified for gasoline and diesel range hydrocarbons), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ CBM / Oil and Gas Group as soon as they are available.
- 3 of 8 If fluid is found in the leak detection system, and a leak is verified by observation or sampling and testing, the fluid recirculating system shall be activated to minimize the fluid level under the pond liner and the chance for migration of the fluid to groundwater, until repairs and/or corrective action can be taken.
- 4 of 8 If a leak in the primary liner or a cell is confirmed, the following monitoring, reporting and repair actions are required:
- 1) High level alarms on the recirculating leak detection system sumps shall be continuously monitored.
 - 2) The totalizing hour meters shall be read at least weekly.
 - 3) If the recovery rate exceeds 400 gallons per day per acre (pgd/acre) for any sub-cell as delineated by the recovery system, the permittee shall notify DEQ CBM / Oil and Gas Group within seven (7) days. Repair of the primary liner must be scheduled within 12 months.
 - 4) If the recovery rate exceeds 800 gpd/acre for any sub-cell as delineated by the recovery system, the DEQ CBM / Oil and Gas Group shall be notified within 48 hours. Repairs of the primary liner must be scheduled within 60 days.
 - 5) If the high level alarm level is reached, DEQ CBM / Oil and Gas Group shall be notified immediately. Repair of the primary liner must be initiated immediately.
 - 6) If fluids are detected in the leak detection system and there is a threat of contamination to groundwater, DEQ CBM / Oil and Gas Group may require periodic sampling and testing of groundwater monitoring wells. Required sampling and testing parameters and frequency will be determined by DEQ.
- 5 of 8 Fluids in the evaporation cells are to be sampled and analyzed annually during the fall to determine levels of total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified for gasoline and diesel range petroleum hydrocarbons), chlorides, total dissolved solids (TDS) and sulfates.
- 6 of 8 All open-topped tanks shall be covered with netting or screen to prevent the entry of birds and/or other wildlife. The netting or screen shall be constructed so it remains intact and above the surface of the liquid in the tank even during winds up to 80 mph and/or weighted with snow, ice, or rain.

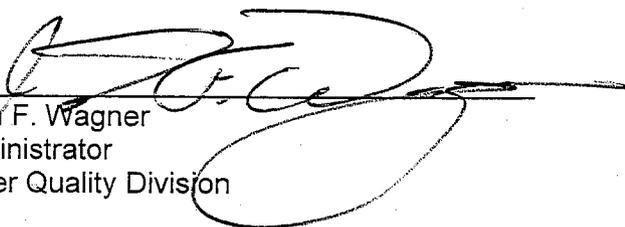
To protect birds and other wildlife, evaporation cells shall be kept virtually oil free at all times, or shall be completely netted or screened to the standards required for open-topped tanks. All produced water received by this facility shall be treated in the receiving and pre-treatment facilities to remove hydrocarbons from the produced water before it is discharged to the evaporation cells. If a sheen

develops on any part of the evaporation cell, it shall be removed immediately by skimming, use of sorptive materials and/or by the introduction to the evaporation cell(s) of biological cultures that digest hydrocarbons.

7 of 8 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.

8 of 8 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

2/13/09
Date of Issuance

KJM/rm/9-0111

STATEMENT OF BASIS

1. Permit Number: 08-473
2. Application reviewed for compliance with the following applicable regulations :
Chapters 3, 11, and 14 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.

Pond cells are to be double lined with 60 mil high density polyethylene (HDPE) primary liners and compacted clay secondary liners. Each cell will be equipped with a leak detection system. If a leak is detected, there is a recirculation system to return leaking fluids to the pond, thus reducing the hydrostatic head on the secondary liner and minimizing migration of the fluids to groundwater. Testing of groundwater in the proposed monitoring wells is to be performed to establish background conditions prior to the initial filling of the ponds.

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.

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

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.

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

Fluids in the pond are to be checked annually for hazardous 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, CBM / Oil and Gas Group and completed on August 29, 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. 08-475

Yellowstone National Park Fishing Bridge Wells Drilling & Development
PWS #5680079

This permit hereby authorizes the applicant:

Nancy Ward, Supervising Engineer
Yellowstone National Park
P.O. Box 168
Mammoth, WY 82190

to drill, construct, and develop two public supply wells; according to the procedures and conditions of the application number 08-475. The facility is located near the intersection of the Grand Loop Road and the East Entrance Road at Latitude 44.6 North Longitude 110.4 West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2009.

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

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

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

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

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

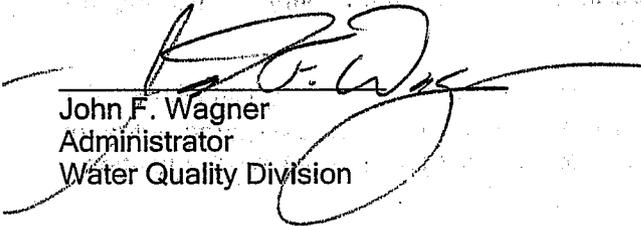
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

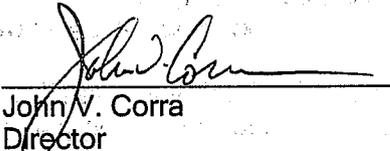
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 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 4 A Chapter 3 Permit to Construction Application along with plans and technical specifications for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc. must be submitted to the Wyoming Department of Environmental Quality. A Permit to Construct must be obtained prior to construction of the aforementioned items.
- 3 of 4 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.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8/22/08
Date of Issuance

JSB/rm/8-0600

STATEMENT OF BASIS

1. Permit Number: 08-475
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. However, pump test results, subsequent plans and specifications must be submitted for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc.
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 August 11, 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."

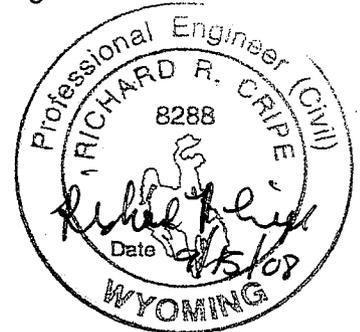
Xc: Phillip Gyr, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION
122 West 25th Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Bulk Raw Water Fill Station
ENGINEER: Aspen – Banner Engineering
APPLICANT: Town of Medicine Bow

WATER QUALITY DIVISION REFERENCE NUMBER: 08-476
REVIEWING ENGINEER: Richard R. Cripe
DATE OF REVIEW: September 15, 2008



ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 14(a), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

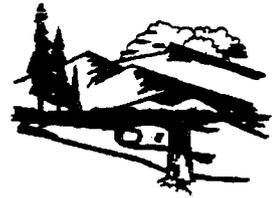
COMMENTS, INADEQUACIES, AND QUESTIONS

1. Chapter 12, Section 7 requires that Plans should show a detailed plan view. The Plans do not show the pipe layout from the proposed facility to the existing Raw Water Pipeline.
2. Chapter 12, Section 14 the device need for this facility is a reduced backflow preventer device- indoor.
3. Chapter 12, Section 7 requires specifications developed for a project. At a minimum, specifications should be developed to address the access security system and a billing system for this facility.
4. Chapter 12, Section 16 requires a operating and maintenance manual to be developed for the facility.
5. There is no regulatory requirement that prohibits the Town of Medicine Bow to construct this project. However, it has been my professional observation that the Town of Medicine Bow may need to reconsider doing this project in-house. The Town may not have the specialized skill to do the work and I would recommend that they consider having a contractor do this project. In addition, I would suggest that the Town of Medicine Bow review W.S. 15-1-113.

RRC/rm/8-0701



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

March 16, 2009

Town of Medicine Bow
ATTN: Charlie George
P.O. Box 156
Medicine Bow, WY 82329

RE: **Application Withdrawn Number: 08-476**
Action: Application Returned-Non Response
Facility: Bulk Raw Water Fill Station

Location: Carbon County

Dear Mr. George:

As of today, WQD has not received any correspondence on this application since the review comments were sent out. Your application, number **08-476**, for a Bulk Raw Water Fill Station, is considered inactive. It has been over 6 months since the Wyoming Department of Environmental Quality / Water Quality Division (WQD) sent out review comments dated September 15, 2008 with the **Action: Not Authorized For Construction**. These review comments indicated that this application could not be permitted as proposed because the application package had numerous deficiencies or incomplete. It states in Chapter 3, Section 9(a)(ii) of Water Quality Rules and Regulations the following:

Incomplete applications will be processed in the following manner:

- 1) Additional information shall be requested in detail or the application may be returned to the applicant. Incomplete permit applications will result in permit denial:
- 2) 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:

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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This project **has not been permitted**. Construction of this facility without a permit is a violation of the Environmental Quality Act and is punishable with fines not to exceed \$10,000 per day of violation. If you wish to reconsider construction of this facility, then the application process must be started over and the application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations must be followed.

If you should have any questions, please contact Richard Cripe at either (307) 777-7075 or rcripe@wyo.gov. Please be reminded that the WQD could show up anytime in the future to verify that this facility was not constructed without a permit.

Sincerely,



Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/9-0201

Enclosures: Application Package 08-476
Copy of review comments dated September 15, 2008

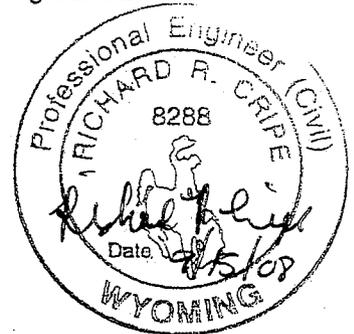
cc: IPS
Jim Cavalli, Aspen- Banner Engineering, P.O. Box 550, Laramie, WY 82072

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION
122 West 25th Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Bulk Raw Water Fill Station
ENGINEER: Aspen – Banner Engineering
APPLICANT: Town of Medicine Bow

WATER QUALITY DIVISION REFERENCE NUMBER: 08-476
REVIEWING ENGINEER: Richard R. Cripe
DATE OF REVIEW: September 15, 2008



ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 14(a), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS

1. Chapter 12, Section 7 requires that Plans should show a detailed plan view. The Plans do not show the pipe layout from the proposed facility to the existing Raw Water Pipeline.
2. Chapter 12, Section 14 the device need for this facility is a reduced backflow preventer device- indoor.
3. Chapter 12, Section 7 requires specifications developed for a project. At a minimum, specifications should be developed to address the access security system and a billing system for this facility.
4. Chapter 12, Section 16 requires a operating and maintenance manual to be developed for the facility.
5. There is no regulatory requirement that prohibits the Town of Medicine Bow to construct this project. However, it has been my professional observation that the Town of Medicine Bow may need to reconsider doing this project in-house. The Town may not have the specialized skill to do the work and I would recommend that they consider having a contractor do this project. In addition, I would suggest that the Town of Medicine Bow review W.S. 15-1-113.

RRC/rm/8-0701

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

PERMIT NO. 08-477

Echeta Project, Laramore Reservoir

This permit hereby authorizes the applicant:

Edwards Exploration c/o L & J Operations
Attn.: Ms. Sherry Samuels
201 W. Lakeway Road, Suite 800
Gillette, WY 82718

to have installed four (4) compliance monitoring wells according to the procedures and conditions of the application number 08-477. The facility is proximal to a coalbed methane produced water impoundment located in Township 53N, Range 75W, Sections 26, 27, 34, and 35 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of

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

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

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

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

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

- Measurement of static water level and sampling and analysis of groundwater at down-gradient wells: MW-01, MW-02, MW-03, MW-04;
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15, 2008;
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment.

Impoundment: Laramore Reservoir

Parameter	MW-01 Background	Class III Water Quality Standards (mg/L)
	Value (mg/L) (06/10/2008)	
Arsenic	ND	0.2
Selenium	ND	0.05
Sulfate	1260	3000
Total Dissolved Solids (TDS)	2270	5000

pH	7.30	6.5 – 8.5 (s.u)
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Parameter	MW-02 Background	
	Value (mg/L) (06/10/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.003	0.2
Selenium	ND	0.05
Sulfate	1370	3000
Total Dissolved Solids (TDS)	2460	5000
pH	6.9	6.5 – 8.5 (s.u)

Parameter	MW-03 Background	
	Value (mg/L) (06/09/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.002	0.2
Selenium	ND	0.05
Sulfate	830	3000
Total Dissolved Solids (TDS)	1680	5000
pH	8.3	6.5 – 8.5 (s.u)

Parameter	MW-04 Background	
	Value (mg/L) (06/09/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.004	0.2
Selenium	ND	0.05
Sulfate	940	3000
Total Dissolved Solids (TDS)	1950	5000
pH	7.3	6.5 – 8.5 (s.u)

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.

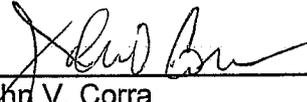
The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>).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

4 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, 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

6-22-08

Date of Issuance

CBD/rm/8-0634



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: 08-477

SITE (POD) NAME: Echeta Project; Laramore Reservoir

APPLICANT: Edwards Exploration c/o L&J Operations
Attn.: Ms. Sherry Samuels
201 W. Lakeway Road, Suite 800
Gillette, Wyoming 82718

CONSULTANT: Pilch Engineering
Attn.: Tom Pilch
41 E. Burkitt St.
Sheridan, Wyoming 82801

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

WYPDES No: Discharge Permit: WY0054330

DATE ON REPORT: July 9, 2008

REVIEWING OFFICIAL: Carrie Donnell, North District Geological Project
Analyst

DATE OF THIS REVIEW: August 21, 2008

ACTION: Compliance Monitoring Plan authorized for Laramore Reservoir pursuant
to conditions on permit # 08-477.

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Unnamed tributary to Middle Prong Wild Horse Creek,
tributary to Powder River

Groundwater Classification:

Class 1 (domestic) _____
Class 2 (agricultural) _____
Class 3 (livestock) 4

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards and exceeds both Class I and Class II standards for Sulfate and/or TDS (Table 1- Chapter 8).

Table 1. Basis for Ground Water Classification by impoundment Name covered under Permit 08-477

Impoundment Name	Compliance Monitoring Well	Sulfate (mg/l)	TDS (mg/l)
Laramore Reservoir	MW-01	1260	2270
	MW-02	1370	2460
	MW-03	830	1680
	MW-04	940	1950

Description of Hydrogeology:

First groundwater occurrences at three of the four borings surrounding the cited location are in sandstone with interbedded claystone ranging from 10-21 ft thick, underlain by coal ranging from 7-9 ft thick. It appears that the sandstone/coal sequence is not present at the fourth boring; MW-04 was completed in a deeper, 21 ft thick claystone. The wells exhibit unconfined to slightly confined conditions.

Table 2. Name of Impoundment covered under Permit 08-477

Impoundment Name	Capacity (acre/ft)	Qtr	Qtr	Section	Town.	Range	Down gradient Monitoring Wells
Laramore Reservoir	1430	multiple		26, 27, 34, 35	53N	75W	MW-01, MW-02, MW-03, MW-04

Two stock wells are noted in the immediate area. One well (P116139W) is located very near the high water line of the proposed impoundment and

could potentially be impacted. According to the submittal, the well will be abandoned prior to construction of the impoundment.

Stock well P77553 produces from a water-bearing zone located 160-248 ft below ground surface. The location of the well is slightly more than ¼ mile northwest of the Laramore Reservoir. Monitor well MW-04 should be adequately positioned to act as a sentry well for this stock well. No seeps or springs are noted in the immediate area.

2.0 MONITORING AND REPORTING REQUIREMENTS

Because of the large capacity of the impoundment and potential for groundwater mounding, monitoring shall be performed in all wells on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at all potential down-gradient wells: MW-01, MW-02, MW-03, MW-04;
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by October 15, 2008;
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment:

Laramore Reservoir

Parameter	MW-01 Background Value (mg/L) (06/10/2008)	Class III Water Quality Standards (mg/L)
Arsenic	ND	0.2
Selenium	ND	0.05
Sulfate	1260	3000
Total Dissolved Solids (TDS)	2270	5000
pH	7.3	6.5 – 8.5 (s.u)

Laramore Reservoir

Parameter	MW-02 Background Value (mg/L) (06/10/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.003	0.2
Selenium	ND	0.05
Sulfate	1370	3000
Total Dissolved Solids (TDS)	2460	5000
pH	6.9	6.5 – 8.5 (s.u)

Laramore Reservoir

Parameter	MW-03 Background Value (mg/L) (06/09/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.002	0.2
Selenium	ND	0.05
Sulfate	830	3000
Total Dissolved Solids (TDS)	1680	5000
pH	8.3	6.5 – 8.5 (s.u)

Laramore Reservoir

Parameter	MW-04 Background Value (mg/L) (06/09/2008)	Class III Water Quality Standards (mg/L)
Arsenic	0.004	0.2
Selenium	ND	0.05
Sulfate	940	3000
Total Dissolved Solids (TDS)	1950	5000
pH	7.3	6.5 – 8.5 (s.u)

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.

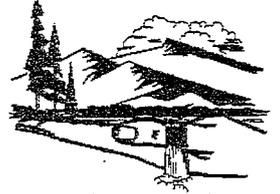
The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>).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

END OF REVIEW

CBD/rm/8-0634



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

PERMIT TO CONSTRUCT WAIVER

November 18, 2008

Rolan Himes, Chairman
Farview Water District
45 Farview Circle
Riverton, WY 82501

RE: Farview No. 3 Test Well Drilling & Development, DEQ Permit #08-478, Fremont County

Dear Mr. Himes:

Your consultant, Mark Cunnane with Western Groundwater Services, sent a letter requesting a waiver. DEQ understands that the proposed well has been redesigned in order to achieve a lower bid. The redesign has replaced steel casing with schedule 80 PVC casing. In order to avoid collapse pressures of the PVC casing, your consultant, has requested the approval for a bentonite slurry grout in place of neat cement grout. The bentonite slurry grout has the advantages of being lighter (specific weight of 9.5 lbs/gallon rather than 15.3 lbs/gallon) and having no heat of hydration. The proposed bentonite slurry conforms to ANSI/AWWA A-100 "Standard for Water Wells", section 4.3.5.3.

Your consultant has demonstrated that the schedule 80 PVC casing with proposed bentonite slurry is adequate for this well design. Wyoming Department of Environmental Quality, Water Quality Division (WDEQ/WQD) hereby grants a waiver to DEQ Permit to Construct #08-478 which allows the use of a bentonite slurry grout which conforms with the above referenced ANSI/AWWA A-100 Standard.

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: David Myers, Stetson Engineering, P.O. Box 1836, Riverton, WY 82501
Harold Hutson, Farview Water District, 33 Farview Circle, Riverton, WY 82501
Mark Cunnane, Western Groundwater Services, LLC, 6995 Bear Claw Lane Bozeman, MT 59715

IPS

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-478

Farview No. 3 Test Well Drilling & Development
PWS #5601546

This permit hereby authorizes the applicant:

Rolan Himes, Chairman
Farview Water District
45 Farview Circle
Riverton, WY 82501

to drill, construct, and develop a public supply well; according to the procedures and conditions of the application number 08-478. The facility is located about 8 miles north of Riverton within SE ¼, Section 21, T2N, R4E 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, 2009.

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

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

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

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

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

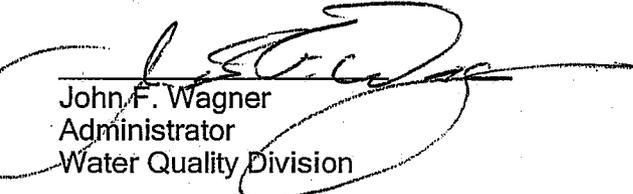
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

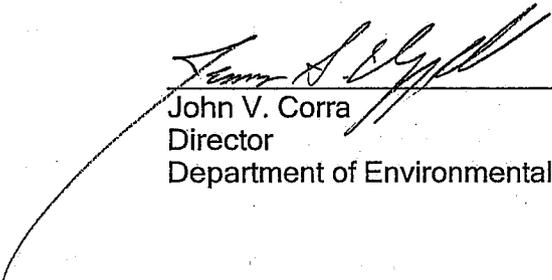
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 A Chapter 3 Permit to Construction Application along with plans and technical specifications for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc. must be submitted to the Wyoming Department of Environmental Quality. A Permit to Construct must be obtained prior to construction of the aforementioned items.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

8-27-08
Date of Issuance

JSB/rm/8-0626

STATEMENT OF BASIS

1. Permit Number: 08-478
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?
No, a variance is requested from Chapter 12, Section 9(b)(iii)(C)(IV) which requires that all permanent well casing be surrounded by a minimum of 2-inches of grout. A variance is hereby granted given since the proposed grout seal complies with ANSI/AWWA A100 Standard in that the radial annular space is 1.5 inches and will be grouted with neat cement under pressure from the bottom of the cemented interval to ground surface.
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 August 19, 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: David Myers, P.E., Stetson Engineering, P.O. Box 1836, Riverton, WY 82501
Harold Hutson, P.E., P.G., Farview Water District, 33 Farview Circle, Riverton, WY 82501
Mark Cunnane, P.E., P.G., Western Groundwater Services, LLC, 6995 Bear Claw Lane Bozeman, MT 59715



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

August 19, 2008

CERTIFIED MAIL 7007 1490 0004 4779 2566

Brad McGirr
Jett 5 Construction, LLC
12065 Quaal Rd. #98
Black Hawk, SD 57718

Ron McGrath 7007 1490 0004 4779 2696
600 4-J Court
Gillette, WY 82716

RE: **Letter of Violation (LOV)**
Construction of a Small Wastewater System without a Permit

Dear Sirs:

The Wyoming Department of Environmental Quality/Water Quality Division (WDEQ/WQD) was informed on August 18, 2008 that the septic tank for the small wastewater system had been installed without a DEQ permit to construct at the McGrath property located in the Glen Vista Estates Subdivision in Pine Haven. WQD representatives spoke with Jett 5 Construction and notified them that the construction of this wastewater system and all other systems are required to have a permit prior to construction.

DEQ understands that the system is not in use as of this date; however, the construction of a small wastewater system without a permit is a violation of Wyoming Statute 35-11-301 which states, in part:

a) No person, except when authorized by a permit issued pursuant to the provisions of this act, shall:

(iii) Construct, install, modify or operate any sewerage system, treatment works, disposal system or other facility, excluding uranium mill tailing facilities, capable of causing or contributing to pollution, except that no permit to operate shall be required for any publicly owned or controlled sewerage system, treatment works or disposal system;

The McGrath septic tank was installed in early July according to the Town of Pine Haven representatives and on July 31, 2008 the WQD received the septic system application. As of today, August 19, 2008 all information has been submitted to the WQD and a *Permit to Construct* has been issued (Permit Number 08-481).

Page 1 of 2



This being the facts, this facility was in violation of the WDEQ Water Quality Rules and Regulations. If any of the "facts" presented in this notification are incorrect, **you must respond within 5 days of receipt of this letter in order to identify any errors**

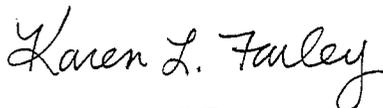
Please be advised that any future violations will result in an enforcement action against you. Wyoming Statute 35-11-901(a) allows for penalties up to \$10,000.00 per violation for each day that the violation(s) continue.

If you have any questions about how to comply with these requests, please call me at (307) 473-3478.

Sincerely;



Suzanne Pagorek
Engineer Consultant
WDEQ/WQD

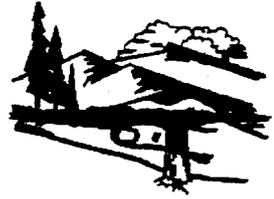


Karen Farley, P.E.
NE District Engineer
WDEQ/WQD

cc: IPS, Cheyenne
 WDEQ File
Tim Lyons, Crook County Growth and Development
Dwayne Ellerton, 24 Waters Dr., Pine Haven, WY 82721



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 29, 2008

Larry Ketcham, City Engineer
405 Grand Avenue
PO Box C
Laramie, WY 82072

RE: CITY OF LARAMIE-2008 WATER MAIN REHAB PROJECT,
Application No. **08-483**, Albany County

Dear Larry Ketcham:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as replacement of approximately 2,825 feet of Water Main along four sections of their distribution system, NE 1/4 Section 4 and NW 1/4 Section 3 T15NR73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 29, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-483** in any future correspondence.

If you have any questions, please contact me at 307-777-7075.

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/8-0658

cc: IPS, Cheyenne
Murray T. Schroeder, WWW Engineering, 611 Skyline Road, Laramie WY 82070

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

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



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

November 13, 2008

Charlie George, Public Works Director
P.O. Box 156
Medicine Bow, WY 82329

RE: Town of Medicine Bow – Sanitary Sewer Line Repair Project,
Application No. **08-484**, Carbon County

Dear Charlie George:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as Sanitary Sewer Line Repair, NW1/4 Section8, T22N R78W; 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 sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by November 13, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-484** in any future correspondence.

If you have any questions, please contact me at 307-777-7075.

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/8-0892

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

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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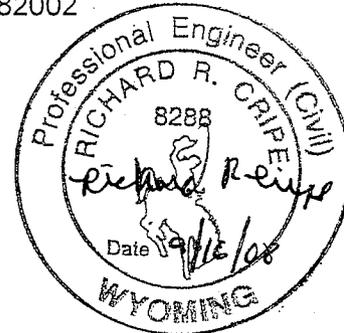


REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION
122 West 25th Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Sewer Line Repair
ENGINEER: Aspen – Banner Engineering
APPLICANT: Town of Medicine Bow

WATER QUALITY DIVISION REFERENCE NUMBER: 08-484
REVIEWING ENGINEER: Richard R. Cripe
DATE OF REVIEW: September 16, 2008



ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 14(a), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 9. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS

1. Chapter 11 Section 6, the information supplied in this permit is not complete. It is our understanding that the permit implies the sewer line has an adverse slope. What exactly does this mean? Have you addressed the problem or the symptoms?
2. Chapter 11 Section 6, has the line settled and to what extent? Can you verify the inverts at the man holes and the slope of the lines? Does the sub grade need to be reconstructed?
3. Chapter 11 Section 6, is there a potential that the sewer line could backflow?
4. Chapter 11 Section 6, are the existing sewer lines clay pipe and PVC pipe? Did the sewer lines collapse?
5. Chapter 11 Section 6, is the sewer line plugged with something. Has the Town of Medicine Bow dug up the sewer line in areas where they think they have a problem? In the permit, it states the line has not been in service all these years? Is it necessary to replace the whole sewer line?
6. Chapter 11 Section 6, Section 7 & Part B. What is constructed improperly in the sewer system?
7. Chapter 11 Section 6, Section 7 & Part B. Will the existing sewer line be abandoned in place? If so, please specify how you will accomplish it.

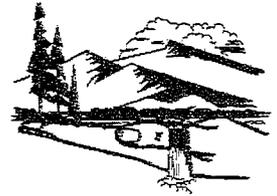
RRC/rm/8-0703

Reviewed by RichCripe, Phone 307-777-7075, email rcripe@wyo.gov.

Page 1 of 1



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

September 30, 2008

Andy Schwartz, Chair
Teton County Commission
P. O. Box 3594
Jackson, WY 83001

RE: FK Subdivision, Teton County, WDEQ Application #08-485

Dear Mr. Schwartz:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. This letter constitutes our conclusions regarding the feasibility of the proposed water and sewage systems pursuant to the W.S. 18-5-306 (c). WDEQ noted that Teton County Planning Office was copied with the State Engineer's Office (SEO) letter which states that SEO is generally not supportive of approving the development at this time.

Summary of Proposed Subdivision

The development is located just west of the Jackson Hole Airport, about nine miles north of the Town of Jackson. This application proposes to subdivide an existing 15.96 acre tract into 5 residential lots. The resulting lots will range in size from 3.1 to 3.3 acres. Currently, the tract is occupied by two existing residences.

Findings As To The Safety And Adequacy Of The Proposed Sewage System

Individual onsite septic systems are proposed for the development. The two existing residents are probably served by conventional, gravity fed septic systems. Modeling of two-year pathogen travel time resulted in a travel distance of almost 1,600 feet and triggers the requirement for enhanced wastewater treatment systems. The consultant proposes the use of Advantex treatment systems.

WDEQ recognizes that Teton County currently has qualified, in-house staff who may perform the engineering review in place of doing a joint review with WDEQ. WDEQ understands that Teton County requires a recorded Operation and Maintenance agreement to insure that current and future owners have the small wastewater treatment facility inspected at least annually.

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



Findings As To The Safety And Adequacy Of The Proposed Water System

The proposed subdivision will use individual on-site wells for drinking water. Water quality data from a nearby well indicates that the water quality meet EPA drinking water standards. WDEQ concurs with the consultant that the aquifer can be expected to produce sufficient supply for the proposed development.

Conclusion(s):

WDEQ has "no adverse" recommendations for the proposed subdivision.

Disclaimer

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

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

Sincerely,



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

cc: Brendan Schulte, Pierson Land Works, Inc., P.O. Box 1143, Jackson, WY 83001
Philip Gyr, Nelson Engineering, P.O. Box 1599, 430 South Cache, Jackson, WY 83001
Planning Director, Teton County Planning Department, P.O. Box 1727, Jackson, WY 83001
Ray Shriver, Teton County Engineering Department, P.O. Box 3594, Jackson, WY 83001
DEQ Subdivision File

IPS

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 17, 2008

Tracy Pragnell, Public Works Director/ Operator
200 C Street
Lagrange, WY 82221

RE: TOWN OF LaGRANGE DEVELOPMENT IMPROVEMENTS,
Application No. **08-486**, Goshen County

Dear Tracy Pragnell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as construct water booster pump station, construct 3149 LF of 6" PVC, and construct 3609 LF 6" gravity sewer main, NE1/4 of SW 1/4 Section 2, T19N 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 sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by September 17, 2010.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-486** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/8-0706

cc: IPS, Cheyenne
Timothy D. Eisenhauer, Baker & Associates, 1401 East M Street Torrington, WY 82240

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

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



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

August 4, 2008

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

RE: Saddle View Meadows Subdivision, WDEQ #08-487, Sheridan County

Dear Commissioners:

The Wyoming Department of Environmental Quality/Water Quality Division recently received a construction permit application for a waterline extension to serve this 5-lot subdivision. It has been our understanding that proposed subdivisions in Sheridan County, comprised of 5 lots or less, have been exempted by the county from the requirement of obtaining DEQ's recommendations on the safety and adequacy of the proposed water and sewer systems. However, during the construction permit application review conducted by our department, it has come to light that since 2002, this exemption has not been in place. It appears that **all** minor subdivisions since 2002 should have been submitted to our department for our comments, but have not been. Therefore, this particular subdivision also should have been submitted to us for our review and recommendations to the county. It is DEQ's understanding that because the process is nearing completion for this particular subdivision, the developer will not be required to submit a Chapter 23 report to DEQ for review and comment.

Therefore, although we have not been requested to comment, we are providing an "adverse" recommendation for this subdivision. Although the water extension has been approved and issued a permit to construct by this department, the safety and adequacy of the proposed sanitary systems (on lot septic systems) has not been evaluated by this department.

This recommendation is provided pursuant to W.S. §18-5-306.

Please feel free to contact me at (307) 473-3478 should you have any questions related this correspondence.

Sincerely,

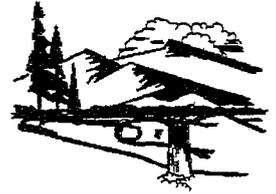
Karen L. Farley, P.E.
WDEQ/WQD Northeast District Supervisor

Cc: Mike Cole, City of Sheridan
Dayton Alsaker, P.E., HKM Engineering, Inc., P.O. Box 7010, Sheridan, WY 82801
Steve Maier, SAWS, 224 South Main, Ste. B-1, Sheridan, WY 82801
Rod Leisinger, P.E., Sheridan County Engineer, 224 S. Main, Ste. B8, Sheridan, WY 82801
Mark Reid, Sheridan County Planner
Lou Harmon, WDEQ Cheyenne
WDEQ File, IPS (Cheyenne)





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 2, 2008

Bill Nielson
P.O. Box 1330
Randolph UT 84064

RE: Nielson Small Waste Water Treatment System - Permit Number 08-488R, Rolling Hill Subdivision Kemmerer, 1607 North Sunlight Drive, Lot 5-L-3,T21N, R116W, Lincoln County

Dear Mr. Nielson:

The above application for coverage under General Permit to Construct a septic tank and leach field disposal system to serve a four bedroom home with a 1715 square foot leach field consisting of a total of 65 Quick 4 chamber units has been reviewed and is hereby approved with the following precaution.

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

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

Sincerely,

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

xc:

Clarence S. Kemp, P.E., Forsgren & Associates, 849 Front Street, Suite 201
Evanston, WY 82930

Terry Vetos, Building Official, 220 Wyoming Hwy 233, Kemmerer, WY 83101
IPS, Cheyenne

Encl: General permit for one Small Waste Water Systems





Department of Environmental Quality



David L. Dewhurst, Governor

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John Corra, Director

NOTIFICATION OF COVERAGE

August 13, 2008

Darryl J. Reimer, Member
RLE LLC
C/O HBC, 1402 Stampede Ave
Cody, WY 82414

RE: North Cody Heights Treated Water Main Extension, Permit Number: 08-489, SE ¼ SW ¼, Section 33 53N 101W, Park County

Dear Mr. Reimer:

This project involves extend an existing 6" water main approximately 340LF within the North Cody Heights subdivision, Cody. The water main extension will be 8" diameter with 8 services and fire hydrant. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

If you have any questions, please contact either me or James Brough at 307-332-3144.

Sincerely,

Atneer Alanbagi,
Reviewing Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Roy R. Holm, P.E., Holm, Blough and Company, 1402 Stampede Ave, Cody, WY 82414

encl: Generals Permit For Public Water Supply System and Existing Sewage Collection System

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

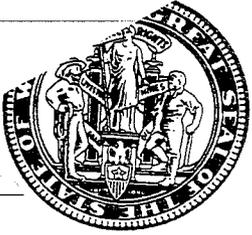
AIR QUALITY
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FAX 332-7726

LAND QUALITY
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FAX 332-7726

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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 2, 2008

Roy Serafin
284 Ferguson
Wheatland, WY 82434

RE: Roy Serafin Residential Septic System,
Location: NW¼ NW¼, Section 2, T23N, R68W,

Application No. **08-490**
Platte County

Dear Mr. Serafin:

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 October 1, 2010. Please reference Application Number **08-490** in any future correspondence.

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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
Consulting Engineer
Southeast District, Water Quality Division

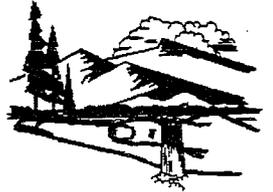
RLE/rm/8-0762

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Joanette Wardell, 200 Dincinson Hill Road, Wheatland, WY 82201
Platte County Planner, Marlin Johnson, P.O. Box 728, Wheatland, Wyoming 82201



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

Aw

June 02, 2009

Ganelle B. Edwards
P.O. Box 3258
Alpine, WY 83128

RE: Nordic Ranch Water System- Alternative Power Well #2 WDEQ #08-491

Dear Ganelle Edwards:

The permit application materials for the Nordic Ranch Water System - Alternative Power to Well #2 are being returned to the owner because 6 months has elapsed since my review letter of October 6, 2008. 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.

Our Records indicate that a written review was done on the following project. A copy of this review was sent to you, requesting additional information. The requested, information, necessary to process this application has not yet been received by the Department of Environmental Quality. The specific information for your proposed project is as follows:

Facility Name: Nordic Ranch Water System
DEQ/WQD Reference Number: #08-491
DEQ/WQD Reviewing Engineer: Perry Roberson, Consulting Engineer
Date of DEQ/WQD Review: October 6, 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 307-335-6978.

Sincerely,

A handwritten signature in cursive script that reads "Perry Roberson".

Perry Roberson, Consulting Engineer
WQD/Southwest District
pdr

Enclosure: Permit Application Package 08-491

xc:

Mark Baron P.E., Southwest District Engineer
David E Benton, P.E., Benton Engineering, 550 Linden, Idaho Falls, ID, 83401

IPS

file (3)



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 19, 2008

Patrick S. McLagan
972 Tank Farm Road
Glenrock, Wyoming 82637

RE: Riverbend RV Park – Septic System,
Location: NW¼ SE¼, Section 1, T33N, R74W,

Application No. **08-493**
Converse County

Dear Mr. McLagan:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **10 unit RV Park** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Dual Septic Tank Placement, Orientation, and Configuration - the two septic tanks shall be placed in series (the outflow of the first tank is the inflow to the second tank). **The larger 1250 gallon tank shall be the first tank** to receive the effluent **and it SHALL be a single compartment tank**, in order to comply with Water Quality Rule & Regulation, Chapter 11, Section 39(a)(iii)(B), which requires the first compartment of a multi-chambered septic tank to hold at least 50% of the total required volume.
2. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tanks** must be extended to the ground surface.
3. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions** regarding bedding the tank and filling the tank with water during burial **must be followed during installation**. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

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4. Inspection Required - The installation shall be inspected by the Converse County Office of Special Projects before the final cover is placed over the construction. To schedule an inspection call Paul Musselman, Director of Special Projects, at (307) 358-1990 at least 48 hours before the inspection is needed. Please be aware that the Converse County Office of Special Projects charges an inspection fee.

The approval granted under this Notification Of Coverage and the General Permit shall expire on August 19, 2010. Please reference Application Number **08-493** in any future correspondence.

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

Sincerely,

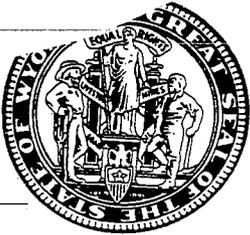


Ronald L. Ewald
Consulting Engineer
Southeast District, Water Quality Division

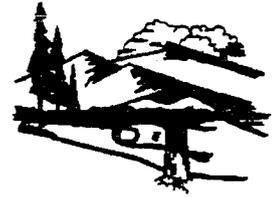
RLE/rm/8-0624

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Artie Schubert, Schubert Geologic & Geographic Services, 301 S. 4th Street,
Glenrock, Wyoming 82637
Paul Musselman, Converse County Director of Special Projects, 107 N. 5th,
Suite B-6, Douglas, Wyoming 82633



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 10, 2008

Louis C. Dahlen
P.O. Box 283
Saratoga, Wyoming 82331

RE: Louis Dahlen Residential Septic System,
Location: SW¼, Section 31, T18N, R83W,

Application No. **08-494**
Carbon County

Dear Mr. Dahlen:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **4 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.
2. Minimum Required Leachfield Size - an error was made in calculating the minimum required infiltrative surface area for this leachfield. The error occurred when the design load (600gpd) was multiplied by the loading rate of 0.60 (determined from the percolation test), instead of dividing 600gpd by 0.60 giving a minimum required infiltrative surface area of 1000 sq. ft. instead of 372 sq. ft. However, another error was made when an "equivalent area" per chamber unit of 27.96 sq. ft. was used instead of the correct value of 40.0 sq. ft. per unit. When you correct for both of the errors and re-calculate a minimum of 25 of the chosen H-10 *Infiltrator* brand Standard chamber units is required. The application submittal only had 14 units split into two rows of 7 units each. Since there appears to be enough room to extend the two row design by 6 units each that is what shall be required.

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ADMIN/OUTREACH
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FAX 777-3610

ABANDONED MINES
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FAX 777-6462

AIR QUALITY
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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
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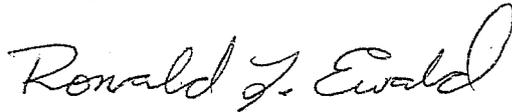


The minimum size of the leachfield to be installed SHALL BE a total of at least 25 Infiltrator brand Standard H10 model chamber units, installed in two equal rows with their centerlines spaced 10 feet apart.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 10, 2010. Please reference Application Number 08-494 in any future correspondence.

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

Sincerely,



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

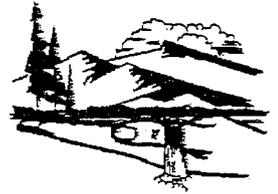
RLE/rm/8-0691

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Carbon County Acting Planning Director, Kristy Rowan, Carbon Building, 215 West
Buffalo Street, Suite 336, Rawlins, Wyoming 82301



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

August 18, 2008

William Cramer, Chairman
Sublette County Board of Commissioners
P.O. Box 250
Pinedale, WY 82941

Subject: Non-Adverse Recommendation, Antelope Ridge Estates Subdivision,
Sublette County, DEQ/WQD Application # 08-495

Dear Mr. Cramer:

The Wyoming Department of Environmental Quality has completed the review of the proposed Antelope Ridge Estates Subdivision located in the S 1/2 Section 20, T34N, R109W, 6th P.M., Sublette County, Wyoming. Generally described, the property is approximately 2.0 miles northwest of the Town of Pinedale, Wyoming. The Antelope Ridge Estates Subdivision will create 63 lots out of 228.01 acres. The information was submitted by Wester-Wetstein & Associates, Inc., signed by John Wetstein, P.E. & P.G., a Wyoming Licensed Engineer and a Wyoming Licensed Geologist. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage system is to be a conventional septic system with 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 an individual water supply well. 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 Antelope Ridge Estates Subdivision.



Sublette County Board of Commissioners
August 18, 2008
Page 2

Disclaimer:

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

Nothing in Department of Environmental Quality recommendations or comments regarding the Wester-Wetstein & Associates, Inc., proposal, for the Antelope Ridge Estates Subdivision shall be construed to relieve Mr. Tim McKinney 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 Sublette 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:

Planning & Zoning Administrator, Sublette County Planning & Zoning, P.O. Box
506, Pinedale, WY 82941
John Wetstein, P.E./P.G., Wester-Wetstein & Assoc. Inc., P.O. Box 2202, Laramie, WY
82073
Tim McKinney, Big Loop, LLC, P.O. Box 2340, Pinedale, WY 82941
Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office,
Herschler Building, 4th Floor East, Cheyenne, WY 82002
IPS



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

August 19, 2008

William Cramer, Chairman
Sublette County Board of Commissioners
P.O. Box 250
Pinedale, WY 82941

Subject: Non-Adverse Recommendation, East 40 Subdivision, Sublette County, DEQ/WQD
Application # 08-496

Dear Mr. Cramer:

The Wyoming Department of Environmental Quality has completed the review of the proposed East 40 Subdivision located in the SW ¼ & SE ¼ Section 2, T33N, R109W, 6th P.M., Sublette County, Wyoming. Generally described, the property is approximately 1 ¼ miles southeast of the Town of Pinedale, Wyoming. The East 40 Subdivision will create 14 lots out of 53 acres. The information was submitted by Wester-Wetstein & Associates, Inc., signed by John Wetstein, P.E. & P.G., a Wyoming Licensed Engineer and a Wyoming Licensed Geologist. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage systems are to be either enhanced wastewater treatment septic systems with leach fields or small non-discharging waste stabilization ponds. 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 systems are to be an individual water supply wells. The information submitted addresses the safety and adequacy of the proposed water systems.

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

It is the individual lot owners responsibility to obtain a permit from Sublette County to authorize the construction of an on-site sewage disposal system. The individual sewage disposal systems are to be either enhanced on-site wastewater treatment systems (septic systems) or small non-discharging waste stabilization ponds.

Each small enhanced wastewater treatment system must continually achieving the following minimum treatment standards required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at 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).



Sublette County Board of Commissioners
August 19, 2008

Conclusions:

The Department of Environmental Quality has "Non- Adverse" recommendations applicable to the East 40 Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the East 40 Subdivision. Any questions or concerns about the water rights for the East 40 Subdivision, should be directed to the State Engineer's Office.

Nothing in Department of Environmental Quality recommendations or comments regarding the Wester-Wetstein & Associates, Inc., proposal, for the East 40 Subdivision shall be construed to relieve Mr. Greg Ptasnik 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 Sublette 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:

Planning & Zoning Administrator, Sublette County Planning & Zoning, P.O. Box
506, Pinedale, WY 82941

John Wetstein, P.E./P.G., Wester-Wetstein & Assoc. Inc., P.O. Box 2202, Laramie, WY 82073

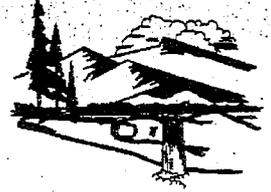
Mr. Greg Ptasnik, PDM Land Company, P.O. Box 923, Pinedale, WY 82941

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

IPS



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

August 13, 2008

Terrence D. Wolf, Chairman
Washakie County Commissioners
P.O. Box 260
Worland, WY 82401

RE: Washakie Medical Center-New Medical Clinic, Permit Number: 08-497, NE ¼ SE ¼, Section 25, T47N, R92W, Washakie County

Dear Mr. Wolf:

This project involves the construction of approximately 88.35 LF of 6" PVC water service and 496 LF of 6" PVC sanitary sewer service to serve the new building at the Washakie Medical Center. 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 either me or James Brough at 307-332-3144.

Sincerely,

Atneer Alanbagi,
Reviewing Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Christina D. Willhelm, P.E., Inberg-Miller Engineers, Inc., 124 East Main Street, Riverton, WY 82501

encl: Generals Permit For Public Water Supply System and Existing Sewage Collection System

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

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

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

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

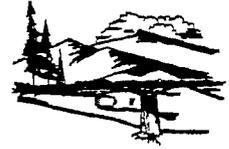
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





The State
of Wyoming



Department of Environmental Quality

John Corra, Director

Dave Freudenthal, Governor

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

December 29, 2008

Zack Jay
1776 HWY 112
Hulett, WY 82720, WY 82727

RE: Certificate of Completion; Permit # 08-499

Dear Mr. Jay:

The State of Wyoming Department of Environmental Quality Water and Wastewater Program (Department) issued you a 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. At the time the permit was issued, your attention was directed to the mandatory reporting requirements outlined in Part V, Section O, of the general permit.

According to the Department's records, a confirmation that this system has been installed as permitted and put into use has not been received. As part of the permit conditions, you are required to submit this information. If the system was not constructed, please contact the Department as soon as possible. Enclosed is a certificate of completion form for your convenience. Please send completed forms or other correspondence to:

Suzanne Pagorek
WDEQ
152 N. Durbin Street, Suite 100
Casper, WY 82601

If you have any questions, please contact me at (307) 473-3473 or spagor@wyo.gov.

Sincerely,

Suzanne Pagorek
WDEQ/WQD

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
WDEQ File

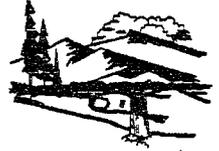


CAO CTY: Sec 11 T56 R64

SW



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

October 3, 2008

Jeffrey Rosenlund, P.E.
HKM Engineering, Inc.
P.O. Box 7010
Sheridan, WY 82801

RE: Hill Ct Subdivision, City of Sheridan, WY, WDEQ #08-500

Dear Mr. Rosenlund:

We have completed our review of the permit application submitted on August 6, 2008. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. 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

Attachments: WDEQ Comments

cc: Mike Cole, City of Sheridan
Chris Knodel, City of Sheridan
Darwin Williamson, 191 Kruse Creek Rd, Sheridan, WY 82801
WDEQ File



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

PROJECT: Hill Court Subdivision, Sheridan, WY

LOCATION: Sheridan County

ENGINEER: Jeffrey Rosenlund, P.E., HKM Engineering Inc., P.O. Box 7010,
Sheridan, WY 82801

APPLICANT: Darwin Williamson, 191 Kruse Creek Rd, Sheridan, WY 82801

WATER QUALITY DIVISION APPLICATION NUMBER: 08-500

DATE ON PROPOSAL/PLANS/REPORT: July 2008

DATE RECEIVED BY DEQ: August 6, 2008

DATE OF THIS REVIEW: October 3, 2008

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

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Chapter 3, Section 14 (a), Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete and/or contains errors. Please address the comments outlined below and submit the requested information/clarifications in order that the application process may be completed in accordance with Chapter 3, Section 9 of the WWQRR. If the applicant fails to provide the requested information within six months, the incomplete application shall be returned.

WDEQ COMMENTS

- 1) Please show all existing and proposed ground contours on all sheets.
- 2) Please explain why a 4" line and flushing hydrant is proposed for use instead of utilizing an 8" line with a standard fire hydrant at the west end of Hill Court. It does not appear that adequate fire protection will be available with this design.
- 3) Chapter 12, Section 14 (f) – The response provided did not address the possibility of groundwater being in the area. Please address. If a geotechnical report has been done, please provide.
- 4) Please provide a letter from the City of Sheridan which relays their capability and willingness to supply water to this development and to accept and treat the wastewater from the development.

