WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO . 08-101

Aspens Wastewater Treatment Plant Coarse Bubble Aeration System

This permit hereby authorizes the applicant:

Greg Olson, District Manager
Aspens I & II Water & Sewer District
P.O. Box 25201
Jackson, WY 83001

to replace the existing aeration system (jet aerator in one corner and a blade mixer in the diagonally opposite corner) with a coarse bubble aeration system for Aerobic Digestion Holding Tanks 2, 3, and 4; according to the procedures and conditions of the application number 08-101. The facility is within NW ¼, SW ¼, Section 14, T41N, R117W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 1, 2010.

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

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

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

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

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

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

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

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

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

2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

3-19-08
Date of Issuance

JSB/rm/8-0214

STATEMENT OF BASIS

1. Permit Number: **08-101**

2. Application reviewed for compliance with the following regulations:

   Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.

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

   Yes.

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

   No.

5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

   This facility is covered under UIC Permit No. 00-331.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on March 17, 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: Brian Lenz, P.E., Jorgensen Associates, P.O. Box 9550, Jackson, WY 83002

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

March 28, 2008

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

Dear Mr. Connelly:

Subject: Non-Adverse Recommendation, Three Rivers Development Buffalo Run Subdivision, Lincoln County, DEQ/WQD Application # 08-102

Dear Mr. Connelly:

The Wyoming Department of Environmental Quality has completed the review of the proposed Buffalo Run Subdivision located in the NE1/4 SE 1/4 Section 27, T36N, R119W, 6th P.M., Lincoln County, Wyoming. Generally described, the property is approximately 1 mile north of the Etna, Wyoming. The Buffalo Run Subdivision will create thirteen 5 acre lots out of 65 acres. The information was submitted by Keller Associates, Inc., signed by Michael Jaglowski, P.E., a Wyoming Licensed Engineer and Thomas Wood, P.G., Clearwater Geosciences, LLP, 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 a central water supply system. 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.

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

Conclusions:

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

Disclaimer:

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

Nothing in Department of Environmental Quality recommendations or comments regarding the Keller Associates, Inc., proposal, for the Buffalo Run Subdivision shall be construed to relieve Mr. Shawn Bard of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Lincoln County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,

Mark Baron

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

MDB/mdb

xc:

John Woodward, Lincoln County - Office of Planning and Development
P.O. Box 414, Afton, WY 83110
Michael Jaglowski, P.E., Keller Assoc., 412 W. Center, Suite 330, Pocatello, ID 83204
Thomas Wood, P.G., Clearwater Geosciences, LLP, 510 E. 17th St., Idaho Falls, ID 83404
Shawn Bard, P.O. Box 3773, Alpine, WY 83128
Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne, WY 82002
IPS

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

May 19, 2008

Allen Streeter, Mayor
Town of Kaycee
P.O. Box 265
Kaycee, WY 82639

RE: Highway 196 Waterline Extension Project, WDEQ #08-103, Johnson County

Dear Mr. Streeter:

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

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

Sincerely,

Karen L. Farley

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

Enclosures: General Permit
Certificate of Completion

cc: Thomas J. Brauer, P.E., CEPI, 6080 Enterprise Drive, Casper, WY 82609
WDEQ File
IPS (Cheyenne)

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 8, 2008

Neil E. Coupens
Coupens Construction
120 Aster
Casper, WY 82604

RE: Hiland Restaurant and Bar, Commercial Small Wastewater Facility
WDEQ Permit No. 08-104

Dear Mr. Coupens:

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

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

Sincerely,

Karen L. Farley

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

Enclosures: General Permit, Certificate of Completion

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-105

Glenrock Well Site Water Storage Tank
PWS# WY5600199

This permit hereby authorizes the applicant:

Town of Glenrock
PO Box 417
Glenrock, Wyoming 82637

to construct, install or modify a water storage tank and all related appurtenant piping, equipment and materials; according to the procedures and conditions of the application number **08-105**. The facility is located in SW1/4 Section 9, Township 32 North, Range 76 West in the county of Converse, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2009.

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

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

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

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

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

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

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

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

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

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

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

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

4-17-08
Date of Issuance

BDM/rm/8-0286

STATEMENT OF BASIS

1. Permit Number: 08-105

2. Application reviewed for compliance with the following applicable regulations:
   a. Chapters 3 and 12.

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

4. Facilities not specifically covered by regulations
   N/A

5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.
   Not required

6. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Brian Mark, Staff Engineer, and completed on April 14, 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
RENEWAL OF PERMIT TO CONSTRUCT

PERMIT NO.**08-107** (Renewal) REFERENCE NO: 06-212

Land Application of Produced CBM Water,
Hybrid Poplar Tree Project, Jepson Draw CBM Facility

This permit hereby authorizes the applicant:

Windsor Energy Group, LL
14313 North May Avenue, Suite 100
Oklahoma City, Oklahoma 73134

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number **08-107.** The facility is located in SE1/4 of Section 20, Township 44 North, Range 77 West in the county of Johnson, in the State of Wyoming. This permit shall be effective until December 1, 2011.

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

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

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

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

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

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

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

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

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

1 of 5 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 5 The base of the trenches will be visually inspected two times per season for the presence of ponded water. The visual inspection will be conducted using a backhoe trench.

3 of 5 The applicant shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (NPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department.

4 of 5 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

a. Dates that the land application was initiated and terminated for the irrigation season; and

b. Certification the land application was performed in accordance with the terms and conditions of the permit; or

c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and

d. Landowner certification and applicable documentation that the site has been properly reclaimed.

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

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

2-29-08
Date of Issuance

KJM/rm/8-0159
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 08-107 Transfer of 06-093 (Renewal)

2. Application reviewed for compliance with the following applicable regulations :

   a. Chapter 11.

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

   a. Yes

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

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

5. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. The review of the original permit was performed by Dennis Lamb, Northeast District Supervisor, and completed on April 25, 2006. Review of the annual reports, and compliance, as related to issuance of the permit renewal was performed by Kim Medina, Senior Project Analyst and completed on January 31, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

March 14, 2008

Victoria DeCora, Mayor
Town of Alpine
P.O. Box 3070
Alpine, WY 83218

RE: Town of Alpine - Water Main Extensions - Permit Number 08-108R, SE 1/4 Section 30, T37N, R118W, Lincoln County

Dear Ms. DeCora:

The above application for coverage under General Permits to Construct the extension of a public water supply distribution system consisting of about 1050 linear feet of 8-inch PVC of 8-inch PCV water main to a fire hydrant and ball field irrigation in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

xc: IPS, Cheyenne
Leon R. Kjellgren, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001

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

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

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 10, 2008

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

RE: **Non-Adverse Recommendation**
Cradle Buttes Subdivision, WDEQ Application #08-109

Dear Mr. Chairman:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision application 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 requirements of W.S. 18-5-306 (c).

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

The subdivision is currently proposed to encompass nine lot which are five acres or larger in area. The proposed sewage disposal system is to use on-site septic tanks and absorption fields. Soil logs from the percolation tests holes and borings indicate that the soils are generally comprised of clays sands and sandy clays overlying claystone. Nine percolation test holes were dug throughout the proposed subdivision and reported soil percolations rates ranges from 2 minutes per inch (Lot 6) to 60 minutes per inch (Lot 2). For soils that exhibit percolation rates between 6 and 45 minutes per inch (mpi), the maximum slope on which an absorption system may be constructed is 20%. For soils that exhibit percolation rates between 46 and 60 mpi, the maximum slope on which an absorption system may be constructed is 15%. The consultant states that "*soils with a percolation rate of 60 minutes per inch or greater are unacceptable for standard absorption systems*" and recommended additional percolation tests on each lot once the house sites are located.

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

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

The water system for this subdivision is proposed to be supplied by a centralized well. The well was constructed in 2006. The consultant used 2.73 persons per household, obtained from the 2000 U.S. Census Bureau data, to estimate the number of people that will be served by the system. Because the estimated number of persons served falls just under 25, and the number of connections is less than 15, the system is not defined as a Public Water Supply. As such, the well was not required to be permitted through the Wyoming Department of Environmental Quality/ Water Quality Division. However, the consultant performed aquifer testing that involved a 24-hour pump test to determine adequacy and laboratory testing of the water to determine quality. The well is capable of producing adequate quantity and quality, based on the results of these tests.

The WDEQ has reviewed the information submitted and is satisfied as to the safety and adequacy of the proposed water supply system, **provided that the number of people served by the system remains under 25. If the number of people served by the system exceeds 25, the system will need to be permitted as a public water supply system. At that time, the well will be evaluated for compliance with the WDEQ/WQD regulations. If it is determined that the well does not meet these regulations, it is likely that the well may need to be replaced with a well that is permitted through WDEQ/WQD and constructed in accordance with the regulations.**

Conclusions:

The department has **no "adverse" recommendation** on this proposed subdivision regarding the safety and adequacy of the proposed on-site wastewater treatment systems and the water system that is proposed (centralized water supply).

Disclaimer

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

Please do not hesitate to contact me at (307) 473-3478 or kfarle@state.wy.us if you have any questions on this correspondence.

Sincerely,

Karen L. Farley

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

cc: Thomas Hollingsworth, Hollingsworth Associates, 2875 W. Oxford Ave., Unit 7, Sheridan, CO 80110
Phillip Giffin, Campbell County Public Works, 500 S. Gillette Ave., Suite 1400, Gillette, WY 82716
Jeff Swaney, P.O. Box 2501, Gillette, WY 82717
Campbell County Planning Office, 500 South Gillette Ave., Ste 1500, Gillette, WY 82716
Mike Ebsen, SEO
WDEQ File, IPS (Cheyenne)

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-110R

North Forty - Public Water Supply Well
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Joel Meritt
J.M. Land Development
P.O. Box 651
Thane, WY 83127

to construct a public water supply only for the purpose of determining water quality and quantity according to the procedures and conditions of the application number 08-110R. The facility is located about 2 miles northeast of the Town of Thane at NW ¼ Section 19,T34N, R118W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 16, 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 meet 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 7 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 7 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 7 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 7 Water well yield and drawdown tests must be submitted upon completion of the tests.

5 of 7 At least two-inch thick grout must be installed between the casing and the bore hole for the full length of the grout.

6 of 7 The use of this public water supply well is restricted for the purpose of determining water quality and quantity. An additional permit to construct is required before the water well can be connected to the water distribution system.

7 of 7 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

6-18-08
Date of Issuance

PDR/rm/8-0480

STATEMENT OF BASIS

1. Permit Number: 08-110R

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 June 16, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application, supporting documents, permit conditions, and items identified in this "Statement of Basis."

cc: Ryan J. Erickson, P.E., Sunrise Engineering, P.O. Box 609, Jackson, WY 83110

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 21, 2008

Robert G. Burke
1156 State Hwy 585
Sundance, WY 82729

RE: Burke Residential Small Wastewater System, Crook County
Permit # 08-111

Dear Mr. Burke:

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

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3465. Thank you.

Sincerely,

Karen L. Farley

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

Enclosures: General Permit
Certificate of Completion

cc: Tim Lyons, Crook County Growth and Development
Gerald McInerney, Mac's Construction, P.O. Box 124, Sundance, WY 82729
IPS, Cheyenne
WDEQ File

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

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

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-113

Gardens North Special Improvement District Lift Station and Force Sewer Main

This permit hereby authorizes the applicant:

ARCHIVES

Beverly Tyler, Chairman
Gardens North Special Improvement District
255 Cathedral Drive
Riverton, WY 82501

to install a sewer lift station, 3,270 linear feet of 4-inch force main, six cleanouts and elder valves on existing service lines; according to the procedures and conditions of the application number 08-113. This project will connect a 160-lot subdivision to the City of Riverton's existing sewage collection system and will abandon an existing wastewater treatment system that discharged into a drain ditch to the Wind River. The facility is located at the northeast corner of Riverton and is within SW 1/4, Section 13, T1N, R4E in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 1, 2010.

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

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

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

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

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

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

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

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

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

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

2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

4/25/08
Date of Issuance

JSB/rm/8-0315

STATEMENT OF BASIS

1. Permit Number: 08-113

2. Application reviewed for compliance with the following regulations:

   Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.

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

   Yes.

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

   No.

5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

   Existing sewage collection systems are exempted from review by Chapter 3, Section 17

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Northwest District Engineer and completed on April 24, 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: Terry Zenk, P.E., Apex Surveying, Inc., P.O. Box 1751, Riverton, WY 82501
Bill Urbigkit, City of Riverton, 816 North Federal Blvd. Riverton, WY 82501

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 2, 2008

Manmohan Patel
Krishna Management Inc.
P.O. Box 988 /1575 Nth 4th Suite 109
Laramie, WY 82073

RE: Hampton Inn Addition - Evanston Water and Sewer Main Extensions - Permit Number 08-114, NW1/4,SW1/4, and SW1/4NW1/4,Section 20,T15N, R120W, Uinta County

Dear Mr. Patel:

The above application for coverage under General Permits to Construct water and sewer main extensions of 645 feet of 8-inch PVC sewer main and1280 feet of 8-inch ductile iron water main to the proposed Hampton Inn Addition serving a 73 room motel complex in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Bret Sanders, Cook-Sanders, 105 Yellow Creek Road, Evanston, WY 82930
Alan Hansen, Public Works Director, 1200 Main Street, Evanston, WY 82930-3396
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. **08-115**

Pat Griffin Park – Hotel Project, Cheyenne
PWS NUMBER: WY5600011

This permit hereby authorizes the applicant:

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

to construct, install and modify water and sewer utility systems and construct a new sewer lift station and according force main according to the procedures and conditions of the application number **08-115**. The facility is located in the SE¼ of Section 36, T14N, R67W, in the county of Laramie, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 31, 2011.

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

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

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

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

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

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

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

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

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

1 of 3. The applicant will provide immediate oral or written notice to the DEQ/WQD Southeast District Office at 122 West 25th Street, Herschler Building - 4W, Cheyenne, Wyoming 82002, (307) 777-7781, or FAX (307) 777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 3. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Southeast District office 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

4/4/08
Date of Issuance

RLE/rm/8-0251

cc: Sam J. Friedman, Member, 401 Keyser Ave., Natchitoches, LA 71457
Gene L. MacDonald, Ayers Associates, Inc., 214 W. Lincolnway, Suite 22, Cheyenne, WY 82001

STATEMENT OF BASIS

1. Permit Number: **08-115**

2. Application reviewed for compliance with the following regulations :

   Chapter(s) 3, 11, and 12 of the Wyoming Water Quality Rules and Regulations

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

   COMPLY: YES

4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3 Section 17: NOT Required.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Ronald L. Ewald, P.E., rewald@state.wy.us, Environmental Senior Analyst, and completed on April 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."

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 1, 2008

Gene Schrader
Schrader Metal & Design
2420 Sheridan Ave.
Cody, WY 82414

RE: Schrader Treated Waterline Extension, Permit Number: 08-116, SW ¼, Tract 71, T53N, R101W, Park County

Dear Mr. Schrader:

This project involves the installation of 75 linear feet of 8-inch water line and fire hydrant for the purpose of serving future commercial lots. The above application for coverage under General Permit to construct water distribution lines has been reviewed in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

If you have any questions, please contact me at 307-335-6961.

Sincerely,

James Brough

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

xc: IPS, Cheyenne
Robert Overfield, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414
Stephen W. Payne, P.E., City of Cody, P.O. Box 2200, Cody, WY 82414

encl: General Permit For a Public Water Distribution System

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 22, 2008

Eugene D Nimmie, Town Engineer
Town of Pinedale
P.O.Box 709
Pinedale, WY 82941

RE: 2008 Town of Pinedale South Sewer Main - Waterline Addition, Permit Number 08-117R, SW ¼ &SE1/4 Sec 32 & SW1/4 & SE ¼ Section 33, R109W, Sublette County

Dear Mr. Nimmie:

The above application for coverage under General Permits to Construct water main modifications for the new installation of 3564 lineal feet 12-inch dutile iron waterline, 8 fire hydrants, two air vacuum/air release valves and line appurtances to serve Pinedale residences and businesses in accordance with Chapter 3, Section 7, Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Mark E. Eatinger, Rio Verde Engineering, P.O. Box 642, Pinedale, WY 82941
encl: General Permit for a Public Water Supply Distribution System

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

March 27, 2009

Dale Lee, P.E.
Centennial Collaborative
237 N. Main Street
Sheridan, WY 82801

RE: Withdrawal of the Sandstone Water Main Extension Permit Application, WDEQ #08-118

Dear Mr. Lee:

This correspondence is in response to our discussion earlier this week concerning the status of the Sandstone Water Main Extension. As you know, the original permit application came in on March 5, 2008. A review from our office was issued on May 5, 2008. Since that time, numerous phone calls and emails have been exchanged between your office and myself. Our understanding is that there are still remaining issues that have not been resolved. As we agreed, we are returning the submittal package to you and withdrawing the permit application. Further, it is our understanding that once the remaining issues are resolved, you will be resubmitting the entire application package to us for our review. We will assign a new DEQ tracking number when the revised materials are received.

If you have any questions, please contact me at kfarle@wyo.gov, or 307-473-3478.

Sincerely,

Karen L. Farley

Karen L. Farley, P.E.
Northeast District Supervisor

Enclosures: Sandstone Water Main Extension Application materials (two copies)

cc: Sandstone, LLC, P.O. Box 31, Big Horn, WY 82833
SAWS, 224 S. Main, Suite B-1, Sheridan County Courthouse, Sheridan, WY 82801
Chris Knodel, City of Sheridan, P.O. Box 848, Sheridan, WY 82801
IPS (Cheyenne)
WDEQ File

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

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

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

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 21, 2008

Diane Baird Hudson, Superintendent
Wyoming State Training School
8204 Highway 789
Lander, WY 82520

RE: Wyoming State Training School New Water System, Permit Number: 08-120R, Section 8, T33N, R99W, Fremont County

Dear Mr. Hudson:

This project involves the installation of approximately 1,800 linear feet of 6-inch water line and 11,000 linear feet of 8-inch water line and a new meter building to replace the existing water system serving the Wyoming State Training School campus. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

If you have any questions, please contact me at 307-335-6961.

Sincerely,

James Brough

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

xc: Tammy Reed, P.E., Trihydro Corporation, 1252 Commerce Dr., Laramie, WY 82070
IPS, Cheyenne

encl: General Permit For an Public Drinking Water System

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-121**

Southern Cross North Produced Water Ponds
Commercial Oilfield Wastewater Evaporation Pond

This permit hereby authorizes the applicant:

Southern Cross Environmental Services LLC.
616 West Monument
Colorado Springs, CO 80905

to construct, install or modify six evaporative pond cells for disposal of oilfield exploration and production wastewaters, located approximately 22 miles north of Baggs, according to the procedures and conditions of the application number **08-121**. The facility is located in a portion of Section 3, Township 15 North, Range 93 West, in the county of Carbon, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 1, 2013.

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

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

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

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

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

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

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

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

1 of 12 The applicant will notify the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458 of the date construction will begin and the estimated completion date.

2 of 12 The applicant will provide the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, a copy of the bid documents at least two weeks prior to sending out the documents for bid.

3 of 12 The applicant will provide the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, the name of the type and brand of the liner, the liner manufacturer, the liner installation contractor, and all other required documentation related to the liner, at least two weeks prior to beginning construction.

4 of 12 The applicant will provide immediate oral or written notice to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

5 of 12 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

a. Date that construction of the facility was completed; and

b. Date that the facility was placed in operation; and

c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or

d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

6 of 12 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

7 of 12 Measurement of depth to groundwater and testing of groundwater is to be performed prior to filling any ponds at this facility. Groundwater monitoring will be conducted on a quarterly basis and results reported to DEQ within a month after receiving laboratory analytical reports. Samples will be submitted for the following analysis:

a) electrical conductivity
b) pH

c) chloride
d) sodium
e) alkalinity
f) sulfate
g) total dissolved solids

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

8 of 12 The leak detection system is to be checked weekly for the first month following filling of a pond and monthly thereafter with a log kept of the inspection results. As new ponds are constructed, the leak detection system is to be checked weekly for the first month. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and tested for total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ as soon as they are available. Testing requirements are subject to revision as needed.

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

9 of 12 Fluids in the ponds are to be checked annually for the following constituents. Each pond will be sampled and analyzed separately in accordance with the following list:

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

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

10 of 12 The facility is authorized to receive oilfield produced water and drilling fluid classified as exploration and production waste, exempt from RCRA regulations by EPA. Any other waste must be approved on a case by case basis by the DEQ and the owner. Prior to approval for disposal by DEQ/WQD, all other waste will be subject to rules, regulations, policies, and/or procedures related to hazardous waste determination and disposal, as issued or promulgated by DEQ/Solid and Hazardous Waste Division (SHWD).

11 of 12 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.

12 of 12 An annual report will be submitted to DEQ CBM / Oil and Gas Group by April 1 of each year. The annual report will include relevant details of the construction, modification, and operation details of the facility from the previous year, any anticipated construction, modification and/or operational changes for the upcoming year. The report will include a discussion and analysis of the groundwater monitoring, leak detection monitoring and pond analysis. A listing of all non exploration and production wastes accepted by the facility will also be included in the annual

report. This listing shall include generator, type of waste, amount and date of disposal. The annual report will also include a review of the closure and post closure requirements, including financial costs. A renewal of the bond will be required as part of the annual report. Reporting requirements are subject to modification by DEQ.

AUTHORIZED BY:

Louis B. Hanson for

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

June 4th 2008

Date of Issuance

JDL/KJM/rm/8-0416

cc: Weaver Boos Consultants, LLC., 5675 DTC Blvd., Suite 210, Englewood, CO 80111

STATEMENT OF BASIS

1. Permit Number: **08-121**

2. Application reviewed for compliance with the following applicable regulations :

   Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations

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

   YES

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

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

      Not applicable

   b. Briefly state the basis for the deviation.

      Not applicable

   c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.

      Not applicable

5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.

6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

   The facility will not allow a discharge to groundwater.

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

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

   Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

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

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

Fluids in the pond are to be checked annually for 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 and Dennis Lamb, CBM / Oil and Gas Group and completed on May 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. **08-122** *(reissued to show WWDC as applicant and owner)*

Big Horn Regional Joint Powers Board (BHRJPB) Well No. 1 Drilling & Development

This permit hereby authorizes the applicant:

Wyoming Water Development Commission
6920 Yellowstone Road
Cheyenne, WY 82002

to drill, construct, develop and test BHRJPB Well No. 1; according to the procedures and conditions of the application number **08-122**. The facility is located on a permanent easement to the Wyoming Water Development Commission on property currently owned by Bruce & Brenda Ann Caldwell near the Town of Shell and is within NE ¼, NE ¼, Section 6, T52N, R92W in the county of Big Horn, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 1, 2010.

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

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

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

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

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

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

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

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

1 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmen 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 Basis".

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

4-24-08
Date of Issuance
To replace version signed 4-14-08

JSB/rm/8-0258

STATEMENT OF BASIS

1. Permit Number: 08-122

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?

   Chapter 12, Section 9(b)(iii)(B)(IV) requires a 2-inch radial annular grouting space for all permanent casing. A variance was requested from this requirement for the annular space around the 7-inch casing that is designed to extend from about the 1,000-foot depth to the water bearing aquifer. The variance is hereby granted since the well will be grouted with a 2-inch radial annular space from the ground surface to approximately the 1,000-foot depth. The design of the well meets the objectives of the referenced regulation.

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 April 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."

Xc: Jerry Hunt/Ben Jordan, P.E., Weston Engineering, Inc., 1050 North 3rd Suite E, Laramie, WY 82072
John Joyce, Big Horn Regional Joint Powers Board, P.O. Box 346, Worland, WY 82401

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 08-122

Big Horn Regional Joint Powers Board (BHRJPB) Well No. 1 Drilling & Development

This permit hereby authorizes the applicant:

Bruce & Brenda Ann Caldwell
711 South 23rd Street
Laramie, WY 82070

to drill, construct, develop and test BHRJPB Well No. 1; according to the procedures and conditions of the application number 08-122. The facility is located near the Town of Shell and is within NE ¼, NE ¼, Section 6, T52N, R92W in the county of Big Horn, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 1, 2010.

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

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

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

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

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

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

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

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

1 of 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

4-14-08
Date of Issuance

JSB/rm/8-0258

STATEMENT OF BASIS

1. Permit Number: 08-122

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?

   Chapter 12, Section 9(b)(iii)(B)(IV) requires a 2-inch radial annular grouting space for all permanent casing. A variance was requested from this requirement for the annular space around the 7-inch casing that is designed to extend from about the 1,000-foot depth to the water bearing aquifer. The variance is hereby granted since the well will be grouted with a 2-inch radial annular space from the ground surface to approximately the 1,000-foot depth. The design of the well meets the objectives of the referenced regulation.

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 April 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."

cc: Levi Hime, P.E., Weston Engineering, Inc., 1050 North 3rd Suite E, Laramie, WY 82072
Kevin Boyce, P.G., Wyoming Water Development Commission, 6920 Yellowtail Road, Cheyenne, WY 82002
John Joyce, Big Horn Regional Joint Powers Board, P.O. Box 346, Worland, WY 82401

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-123** REFERENCE PERMIT NO. 06-860, 08-243

Rodeo Flats Subdivision Water Treatment Facility

This permit hereby authorizes the applicant:

Windy Ridge Development, LLC
1000 Woodland
Gillette, WY 82716

to construct, install or modify the Rodeo Flats Subdivision Water Treatment Facility Chlorination Treatment System, according to the procedures and conditions of the application number **08-123**. The facility is located in the NW ¼, NW ¼, Section 23, Township 49 North, Range 73 West, in Campbell County. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

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 4 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 4 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 4 Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper,WY 82601.

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

6/6/08
Date of Issuance

KLF/rm/8-0417

cc: Steve Bruce, Bruce Engineering, Inc., P.O. Box 194, Gillette, WY 82717
Phillip Giffin, Campbell County Department of Public Works, 500 S. Gillette Ave., Suite 1400, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **08-123**

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 May 30, 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."

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 28, 2008

W.K. Myers
K Partners
4085 De Zavala Road
San Antonio, TX 78249

RE: Springhill Suites and Fairfield Inn Marriott Hotels; Permit Number 08-124, SW1/4 Section 27, T19N, R105W, Sweetwater County, Wyoming

Dear W. K. Myers:

The application for coverage under General Permits to Construct water main extensions consisting of 440 feet of 6 inch PVC with 3 fire hydrants and sanitary sewer main extensions consisting of 780 feet of 6 in PVC serving the Springhill and Fairfield Marriot Hotels located in Rock Springs in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11 Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Engineering Consultant
Water Quality Division

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

xc: IPS, Cheyenne
Amy Allen, JFC Engineers and Surveyors, 1515 Ninth Street, Rock Springs, WY 82901

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

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 22, 2008

Teresa L. Chaulk, Superintendent
Lincoln County School District #1
P.O. Box 335
Diamondville, WY 83116

RE: Lincoln County School District #1-2008 Water Line Improvements - Kemmerer/Diamondville Water Main Extensions - Permit Number 08-125, Section 23,T21N, R116W, Lincoln County

Dear Teresa Chaulk:

The above application for coverage under General Permits to Construct water main extensions of 615 feet of 8-inch and 365 feet of 6-inch C-900 PVC water main and two fire hydrants to the proposed new school expansion in accordance with Chapter 3, Section 7, Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Perry Roberson
Consulting Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Thomas D. Crank, Crank Companies, Inc. P.O. Box 365, Diamondville, WY 83116
Chuck Smith, Public Works Director, P.O. Box 281, Diamondville, WY 83116
encl: General Permit for a Public Water Supply Distribution System

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

PERMIT NO. **08-126**

DOUBLE E, PHASE II

This permit hereby authorizes the applicant:

Storm Cat Energy (USA) Operating Company
Attn.: Mr. Keith Knapstad
1125 17th Street, Suite 2310
Denver, CO 80202

to have installed a compliance monitoring well according to the procedures and conditions of the application number **08-126.** The facilities are proximal to coalbed methane produced water impoundments located in Township 55N, Range 74W, Section 9 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 downgradient well: Double E 15-9 55-74 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 July 15, 2008.
- If any of the impoundments listed in table 2 above have not received CBM co-produced water at the time monitoring results are due, this not in use status shall be reported to the department in lieu of results of quarterly monitoring.

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

Double E 15-9 55-74

Parameter	Double E 15-9 55-74 MW-01 Background Value (mg/L) (06/1/2007)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1860	≥ 2400	3000
Total Dissolved Solids (TDS)	3120	≥ 4000	5000
pH	7.24	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at this impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required until written authorization is received from the WDEQ to discontinue monthly monitoring. The monthly analytical results are due by the 15th day of each month.

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

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

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

3/12/08
Date of Issuance

UMW/rm/8-0205

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: 08-126

SITE (POD) NAME: Double E, Phase II

APPLICANT: Storm Cat Energy (USA) Operating Corporation
Attn.: Mr. Keith Knapstad
1125 17th Street, Suite 2310
Denver, CO 80202

CONSULTANT: CBM Associates, Inc
Attn.: Luke McMahan
500 W. Lott Street
Buffalo, Wyoming 82834

LOCATION: Drainage: Stone Draw,
tributary to LX Bar Creek, tributary to the Powder River
County : Campbell
Township 55 North; Range 74 West

WYPDES No: Discharge Permit: WY0052931

DATE ON REPORT: January 14, 2007

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

DATE OF THIS REVIEW: March 10, 2008

ACTION: Compliance Monitoring Plan authorized for Double E, Phase II pursuant to conditions on permit # 08-126.

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Stone Draw, tributary to LX Bar Creek, tributary to the 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 for Sulfate and TDS (Table 1- Chapter 8).

Table 1. Basis for Ground Water Classification by impoundment Name covered under Permit 08-126

Impoundment Name	Down Gradient Monitoring Well	Sulfate Concentration (mg/l)	TDS Concentration (mg/l)	SAR Calculation
Double E 15-9 55-74	Double E 15-9 55-74 MW-01	1860	3120	8.5

Description of Hydrogeology:
Groundwater was first encountered in a sandstone, the top of which is between 40 and 49 feet below ground surface (bgs) or between elevations of 4018 and 4027 feet above mean sea level (amsl). This unit is confined by 40 to 49 feet of clays, claystones and siltstones. The static water elevations varied from 4043.37 to 4044.94 ft amsl and are approximately 15 to 25 feet above the top of the sandstone. Groundwater flow is to the northwest.

A nine-foot thick, very fine grained, well cemented, silty sandstone is described in one of the three borings (Double E 15-9 55-74 MW-02) from 9 to 15 feet bgs. Due to the well cemented and silty nature of this unit, we do not anticipate that it poses a significant pathway for seepage from the impoundment to resurface. Further, Double E 15-9 55-74 MW-02 is located up slope and up gradient from the impoundment making seepage even less likely.

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Table 2. Names of Impoundments covered under Permit 08-126

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Town.	Range	Down gradient Monitoring Well
Double E 15-9 55-74	86	SWSE	9	55N	74W	Double E 15-9 55-74 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. One other impoundment is located within ¼ mile of the proposed facility. It is an impoundment which was permitted prior to August 2004, thus does not require groundwater monitoring. It is located up slope from the proposed facility and shall not be impacted by the proposed impoundment.

2.0 MONITORING AND REPORTING REQUIREMENTS

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

- Measurement of static water level and sampling and analysis of groundwater at downgradient well: Double E 15-9 55-74 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 July 15, 2008.
- If any of the impoundments listed in table 2 above have not received CBM co-produced water at the time monitoring results are due, this "not-in-use" status shall be reported to the department in lieu of results of quarterly monitoring.

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

Double E 15-9 55-74

Parameter	Double E 15-9 55-74 MW-01 Background Value (mg/L) (06/1/2007)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.001 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1860	≥ 2400	3000
Total Dissolved Solids (TDS)	3120	≥ 4000	5000
pH	7.24	≤ 6.5	6.5 – 8.5 (s.u)

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

values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required until written authorization is received from the WDEQ to discontinue monthly monitoring. The monthly analytical results are due by the 15th day of each month.

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

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

END OF REVIEW

UMW/rm/8-0205

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

PERMIT NO. **08-127**

Pumpkin Creek POD 1

This permit hereby authorizes the applicant:

Bill Barrett Corporation
1414 East Lincoln Street
Gillette, WY 82716-3021

to have installed three compliance monitoring wells according to the procedures and conditions of the application number **08-127**. The facilities are proximal to coalbed methane produced water impoundments located in Township 47N, Range 76W, Sections 4, 5, and 9 in the counties of Johnson and 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 well: MWP9-1, MWP5-1, MWP4-1.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15, 2008
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment:

P9-1-47-76

Parameter	MWP9-1 Background Value (mg/L) (09/26/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.005 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	467	≥ 2400	3000
Total Dissolved Solids (TDS)	760	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u)

P5-1-47-76

Parameter	MWP-5-1 Background Value (mg/L) (09/26/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.005 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1640	≥ 2400	3000
Total Dissolved Solids (TDS)	2730	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u.)

P4-1-47-76

Parameter	MWP4-1 Background Value (mg/L) (06/27/06)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.0108	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	395	≥ 2400	3000
Total Dissolved Solids (TDS)	731	≥ 4000	5000
pH	8.68	≤ 6.5	6.5 – 8.5 (s.u)

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

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

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

3/14/08
Date of Issuance

UMW//rm/8-0208

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: 08-127

SITE (POD) NAME: Pumpkin Creek POD 1

APPLICANT: Paul McElvery
Bill Barrett Corporation
1414 East Lincoln Street
Gillette, WY 82716-3021

CONSULTANT: WWC Engineering
Attn.: Benjamin Schiffer
1846 Terra Avenue
Sheridan, WY 82801

LOCATION: Drainage: Un-named tributaries to Beaver Creek, tributary to the Powder River
County: Johnson and Campbell
Township 47 North; Range 76 West

WYPDES No: Discharge Permit: WY0055590

DATE ON REPORT: January 17, 2008

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

DATE OF THIS REVIEW: March 11, 2008

ACTION: Compliance Monitoring Plan authorized for Pumpkin Creek POD 1 pursuant to conditions on permit # 08-127.

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Un-named tributaries to Beaver Creek, tributary to the Powder River

Groundwater Classification:

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

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 TDS (Table 1- Chapter 8).

Table 1. Basis for Ground Water Classification by impoundment Name covered under Permit 08-127

Impoundment Name	Monitoring Well	Sulfate Concentration (mg/l)	TDS Concentration (mg/l)	SAR Calculation	Overall Groundwater Classification
P9-1-47-76	MWP9-1	467	760	11.1	III
P5-1-47-76	MWP5-1	1640	2730	9.4	III
P4-1-47-76	MWP4-1	375	731	12.0	III

Description of Hydrogeology:

P9-1-47-76 and P4-1-47-76
Groundwater was first encountered beneath these reservoirs in a locally extensive sandstone, the top of which is 135 to 162 feet below ground surface (bgs) (4317.23 to 4292.49 ft amsl). Static water levels in this unit varied from 4284.29 to 4293.83 ft amsl. The overlying strata are overwhelmingly siltstones and claystones. The potential for infiltrating co-produced water to reach this water bearing zone is very small.

The down-gradient compliance monitoring wells for these reservoirs are MWP9-1 for Impoundment P9-1-47-76 and MWP4-1 for Impoundment P4-1-47-76. The sandstone is unconfined at these locations.

P5-1-47-76
Groundwater was first encountered in a sandstone, the top of which is 4256.98 ft amsl or approximately five feet below the base of the proposed dam. No attempt to correlate this sandstone to the above mentioned sandstone. Groundwater elevation was 4240.93 ft amsl at this location and is

unconfined. MWP5-1 has been established as the down-gradient compliance monitoring well for Impoundment P5-1-47-76.

Table 2. Names of Impoundments covered under Permit 08-127

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Town.	Range	Down gradient Monitoring Well
P9-1-47-76	19.1	SWNE	9	47N	76W	MWP9-1
P5-1-47-76	18.5	NESW	5	47N	76W	MWP5-1
P4-1-47-76	19.1	SWSE	4	47N	76W	MWP4-1

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 well: MWP9-1, MWP5-1, MWP4-1.
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15, 2008
- The parameters listed in the tables below are required for groundwater compliance monitoring beneath the listed impoundment:

P9-1-47-76

Parameter	MWP9-1 Background Value (mg/L) (09/26/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.005 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	467	≥ 2400	3000
Total Dissolved Solids (TDS)	760	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u)

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P5-1-47-76

Parameter	MWP-5-1 Background Value (mg/L) (09/26/07)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	<0.005 (ND)	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	1640	≥ 2400	3000
Total Dissolved Solids (TDS)	2730	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u.)

P4-1-47-76

Parameter	MWP4-1 Background Value (mg/L) (06/27/06)	Trigger Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	0.0108	≥ 0.16	0.2
Selenium	<0.005 (ND)	≥ 0.04	0.05
Sulfate	395	≥ 2400	3000
Total Dissolved Solids (TDS)	731	≥ 4000	5000
pH	8.68	≤ 6.5	6.5 – 8.5 (s.u)

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

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

END OF REVIEW

UMW/rm/8-0208

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 21, 2008

Sean Saltzman
Veterans Affairs Medical Center
1898 Fort Road
Sheridan, WY 82801

RE: Sheridan VA Medical Center Water Treatment Plant Rehabilitation – Pilot Study, WDEQ #08-128

Dear Sirs:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 12 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits.

If you have any questions, please contact me at 307-473-3465.

Sincerely,

Karen L. Farley

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

Enclosures: General Permit

cc: Douglas C. Whitney, P.E., Kadrmas, Lee & Jackson, 2611 Gabel Road, Billings, MT 59102
WDEQ File
IPS, Cheyenne

Department of Environmental Quality

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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 8, 2008

Cheyenne Board of Public Utilities
Attn: Herman Noe, Engineering and Water Resource Manager
2100 Pioneer Avenue
Cheyenne, Wyoming 82001

RE: 2008 Cheyenne BOPU Sewer Rehabilitation Projects, Application No. **08-129**

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, 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, which the BOPU already has a copy of.

The approval granted under this Notification Of Coverage and the General Permit shall expire on May 9, 2010. Please reference Application Number **08-129** in any future correspondence.

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

Sincerely,

Ronald L. Ewald

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

RLE/rm8-0354

Enclosures: Certificate of Completion Form

cc: IPS, Cheyenne
Nancy D. Roolf / Roger L. Strube, Aspen-Banner Engineering, 1575 N. 4th Street, Suite 105, Laramie, Wyoming 82072

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

June 13, 2008

David G. Westling, P.E.
City of Green River
50 East 2nd North
Green River, WY 82935

RE: Green River - 2008 Capital Improvement Project - Water and Sewer Main Extensions - Permit Number 08-130R, NE ¼ Section 27, T18N,R107W, Sweetwater County

Dear Mr. Westling:

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 3292 linear feet (LF) of 8-inch PVC water main and about 2444 LF of 12-inch PVC sewer main and about 1360 LF of 8-inch PVC sewer main in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

xc: IPS, Cheyenne

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

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

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 29, 2008

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

RE: Hagens Estates Subdivision
WDEQ Application #08-131
Wyoming DEQ has - **NO ADVERSE** - Recommendations

Dear Commissioners:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision application pursuant to W.S. 18-5-306. The Hagen Estates Subdivision is proposed to encompass 18 lots, ranging in size from 3.47 acres to 5.8 acres. The proposed subdivision is located in the south half of the southwest quarter of Section 31, Township 45 North, Range 79 West, Campbell County, approximately 10 miles northeast of the Town of Wright. The information was compiled and submitted by Wester-Wetstein and Associates, signed by John Wetstein, who is both a Wyoming Licensed Engineer and Geologist. This letter constitutes our recommendations pursuant to the requirements of W.S. 18-5-306 (c).

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

The proposed sewage disposal system is on-site septic tanks and absorption fields, to be permitted by Campbell County and constructed in accordance with both Campbell County rules and Wyoming Department of Environmental Quality Rules and Regulations. The information submitted addresses the safety and adequacy of the proposed sewage system.

A total of eight percolation test holes were dug in and around the proposed subdivision and reported soil percolation rates range from 8.4 to over 60 minutes per inch (mpi). According to the consultant, one soil type, the Bidman-Ulman, which underlies the eastern half of the proposed subdivision, has been identified by the Natural Resources Conservation Service as having "severe" limitations for leach field operations. A total of five percolation tests were conducted in this area, with the percolation rates ranging from 27 mpi to 160 mpi. The test that resulted in 160 mpi was performed in the location of Lot 2; a subsequent test was done in the same lot slightly to the north and resulted in a percolation rate of 27 mpi. The slower percolation rates found in the subdivision (53.3 mpi on Lot 5 and 160 mpi on Lot 2) occurred on those lots located within the Bidman-Ulman soil series. Four lots (Lots 2 through 5) are totally located within this mapped soil series. The Bidman-Ulman soil series also underlies a large portion of Lots 1 and 6. In a subsequent report pertaining to the three additional percolation tests performed after the subdivision report was submitted, the consultant states that "...because 80% of the percolation tests performed in the Bidman-Ulman loams met WDEQ requirements, the use of enhanced wastewater treatment facilities or the construction of the leach field by over-excavation and importation of material with acceptable drainage properties will not be required."

SOLID & HAZARDOUS WASTE DIVISION
(307) 473-3450
Fax: (307) 473-3458

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

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

Each septic system will be required to be permitted through Campbell County prior to construction, and as part of the permit process, each homeowner will be required to perform additional percolation tests and subsurface investigation. These tests and investigations will provide assurance that the leachfields are sited in areas that meet Wyoming Department of Environmental Quality/Water Quality Division's (WDEQ/WQD) requirements.

According to the consultant, a shallow perched water table was encountered 8 feet below ground surface in the western portion of the proposed subdivision, along the Coal Creek drainage. The geotechnical consultant stated further that the shallow "pocket" of water was "apparently trapped by the shale." A second zone of groundwater was encountered 45 feet below ground surface. Other wells in the near vicinity of the subdivision encountered shallow groundwater at depths greater than 40 feet and that the shallow unconfined aquifer systems is isolated and contained only within the Coal Creek drainage. The shallow groundwater flows towards the northwest. Bedrock in the vicinity of the proposed Hagens Estates Subdivision gently dips towards the southwest. The consultant concluded "because of this very gentle structural dip, it is unlikely that the effluent from the on-site wastewater systems will surface."

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

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

Water for the proposed subdivision will be supplied from a central water supply system. The well was drilled in February 2008, under WDEQ Permit No. 07-721. As-built information on the well has been submitted to this office and is currently being evaluated. Water quality tests have been performed and the consultant reports that the water quality was within all primary EPA standards. The consultant further reports that "only the concentration of iron exceeds EPA's secondary drinking water standards."

The well also underwent a constant rate drawdown test and an average pumping rate of 46 gallons per minute (gpm) was achieved. The maximum day demand for the subdivision was estimated to be 21,750 gallons per day (15 gpm). The consultant states that if the well is pumped at 30 gpm for one day, the projected drawdown would be approximately 75 feet. The measured static water level in this well was 389.5 feet below ground surface, allowing for over 400 feet of water available for drawdown. The consultant further stated "on a sustained basis, the well will be capable of producing the maximum day demand rate of 15 gpm continuously for an indefinite period without lowering the pumping level."

The water system for the subdivision has not been designed but will need to be designed by a Professional Engineer, licensed in the State of Wyoming, and will need to be permitted through Campbell County and the Wyoming Department of Environmental Quality, as applicable. Development of the water system will also require additional testing and possible treatment prior to use. Additionally, the developer will be responsible for providing a certified operator for the water system.

The WDEQ has reviewed the information submitted on behalf of the subdivider by a Wyoming registered professional engineer and a professional geologist. The information submitted addresses the safety and adequacy of the proposed water supply system.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-133** REFERENCE PERMIT NO. 08-131

Hagens Estates Subdivision Water Supply Disinfection System

This permit hereby authorizes the applicant:

Patrick Hagens
4900 Blue Tick Drive
Gillette, WY 82718

to construct, install or modify the Hagens Estates Subdivision Water Supply Disinfection System, according to the procedures and conditions of the application number **08-133**. The facility is located in the S ½ SW ¼, Section 3, Township 45N, Range 70W, in the County of Campbell, approximately 10 miles northeast of the Town of Wright. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

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 4 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 4 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 4 Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.

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

5/14/08
Date of Issuance

KLF/rm/8-0364
cc: John Wetstein, Wester-Wetstein & Associates, 201 W. Lakeway, Suite 1000, Gillette, WY 82718
Phillip Giffin, Campbell County Department of Public Works, 500 S. Gillette Ave., Suite 1400, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **08-133**

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 May 13, 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."

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

May 21, 2008

Glenrock Fundamental Baptist Church
Attn. ~~Andy Stellpflug, Deacon~~ Robert Jupp, Pastor
~~125 North 7th~~ P.O. Box 686
Glenrock, Wyoming 82637

RE: Glenrock Fundamental Baptist Church – Small Wastewater Facility, Application No. **08-134**
Location: NW¼, Section 8, T33N, R75W, Converse County

Dear Deacon Stellpflug:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **250 seat Church with facilities for food preparation and/or dishwashing** 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 **all compartments of all septic tanks** must be extended to the ground surface.

Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 21, 2008

Glenrock Fundamental Baptist Church
Attn. Andy Stellpflug, Deacon
125 North 7th
Glenrock, Wyoming 82637

RE: Glenrock Fundamental Baptist Church – Small Wastewater Facility,
Application No. **08-134**
Location: NW¼, Section 8, T33N, R75W, Converse County

Dear Deacon Stellpflug:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **250 seat Church with facilities for food preparation and/or dishwashing** 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 **all compartments of all septic tanks** must be extended to the ground surface.

2. 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 at (307) 358-1990 at least 72 hours before the inspection is needed.

The approval granted under this Notification Of Coverage and the General Permit shall expire on May 21, 2010. Please reference Application Number **08-134** in any future correspondence.

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

Sincerely,

Ronald L. Ewald

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

RLE/rm/8-0396

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Lewis James, JKC Engineering, 5830 E. 2nd Street, Casper, Wyoming 82609
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

April 30, 2008

Barry Foster
13 Meadow Lane
Wheatland, WY 82201

RE: Barry Foster Residential Septic System, Application No. **08-135**
Location: Lot 9, Meadow View Sub., Sec. 26, T24N, R68W, Platte County

Dear Mr. Foster:

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 Trenches Header Pipes Layout Requirements - To ensure relatively equal effluent distribution to each of the two trenches **the header piping into the trenches shall be as shown in the attached "Correct Leachfield Header Piping" sketch**. The header piping as shown on the original site plan would result in most of the effluent ending up in the northern most trench because of the momentum of the liquid as it went past the tee fitting at the first trench.

The approval granted under this Notification Of Coverage and the General Permit shall expire on April 30, 2010. Please reference Application Number **08-135** in any future correspondence.

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

Sincerely,

Ronald L. Ewald

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

RLE/rm/8-0328

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion
Correct Leachfield Header Piping sketch

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

Dave Freudenthal, Governor

Department of Environmental Quality

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John Corra, Director

NOTIFICATION OF COVERAGE

June 17, 2008

Ms. Lenore S. Perry, Mayor
Town of Granger
P.O. Box 42
Granger, WY 82934

RE: Granger - Water Distribution Mains and Sanitary Sewer Collection Mains Rehabilitation Project - Permit Number 08-136R, SE ¼ Section 29, T19N,R111W, & NE ¼ Section 32, T19N, R111W & NW ¼ , Section 32, T19N, R111W, Sweetwater County

Dear Ms. Perry:

The above application for coverage under General Permits to Construct a public water supply distribution system and a sewage collection system consisting of about 2965 linear feet (LF) of 6-inch and 1210 LF of 8-inch PVC water main and about 6200 LF of 8-inch PVC sewer main 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

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

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

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

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

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-137** REFERENCE PERMIT NO. N/A

Keyhole State Park Madison Formation Well

This permit hereby authorizes the applicant:

United States Bureau of Reclamation
515 9th Street, Rm 101
Rapid City, SD 57701

to drill, construct, develop and test the Keyhole State Park Madison Formation Well according to the procedures and conditions of the application number **08-137**. The facility is located in the SW ¼ of Section 35, T51N, R66W, further located within the boundaries of Keyhole State Park, Crook County, Wyoming. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

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 permit conditions or other operational requirements. Compliance with all applicable standards remains the responsibility of the permittee.

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

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

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

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

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

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

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

1 of 5 The applicant will provide immediate oral or written notice to the 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 5 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 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

4 of 5 Disinfection in accordance with Chapter 12, Section 9(b)(A)(II) shall be performed.

5 of 5 The applicant will perform yield and drawdown tests in accordance with Chapter 12, Section 9(b) (ii). Results of these tests are to be provided with the Certificate of Completion.

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

5/13/08
Date of Issuance

KLF/rm/8-0362
cc: Patrick S. Plumley, Plumley & Associates, Inc., 1307 Paragon Place, Fort Collins, CO 80525

STATEMENT OF BASIS

1. Permit Number: **08-137**

2. Application reviewed for compliance with the following applicable regulations :

   Chapter 3, Chapter 11 & Chapter 12 of the Wyoming Water Quality Rules and Regulations

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

   NO – see below

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

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

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

      Chapter 12 Section 9 (b)(C)(IV)(1.) requires "Cement conforming to ASTM Standard C15 and water, with not more than 6 gallons of water per sack of cement, must be used for 2 inch openings." The use of a light cement mix that has been already evaluated by this department and approved for use in previous public water supply wells and also approved for use by the Wyoming Oil and Gas Commission will be allowed.

   b. Briefly state the basis for the deviation.

      The light cement is requested due to the considerable depth of the well and the desire to reduce the hydrostatic pressure on the cement column. A cement bond log will be required. Well construction methods will consist of pressure grouting in combination with centralizers spaced at regular intervals.

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 and completed on May 9, 2008. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO.08-138

TORRINGTON AIRPORT-REPAINTING WATER RESERVOIR
PWS WY5600164

This permit hereby authorizes the applicant:

CITY OF TORRINGTON
2042 EAST A ST
TORRINGTON, WY 82240

to construct, install or modify a minor repair and repainting of airport water reservoir according to the procedures and conditions of the application number 08-138. The facility is located in NW1/4 Section 14 T24N R61W; Goshen County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 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 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 4-17-08

LBH/rm/8-0287

STATEMENT OF BASIS

1. Permit Number: **08-138**

2. This application was reviewed for compliance with the applicable regulations ;

   Chapters 3, 12

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

   Yes

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

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 April 14, 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."

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

NOTIFICATION OF COVERAGE

March 31, 2008

Mark Allphin, Project Manager
MOA Hospitality, Inc.
807 East South Temple, STE 210
Salt Lake City, UT 84102

RE: MOA Hospitality Lot 32 Treated Water Line, Permit Number: 08-139, SE ¼, Lot 74, T52N, R102W, Park County

Dear Mr. Allphin:

This project involves the installation of 113 linear feet of 6-inch water line to serve a motel for fire suppression purposes. 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 is hereby approved.

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

If you have any questions, please contact James Brough at 307-335-6961.

Sincerely,

James Brough

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

xc: IPS, Cheyenne
Lynn Stutzman, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414
Stephen W. Payne, P.E., City of Cody, P.O. Box 2200, Cody, WY 82414

encl: General Permit For a Public Water Distribution System

Department of Environmental Quality

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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 11, 2008

Ms. Dena Hansen
South Cheyenne Water and Sewer District
215 East Allison Road
Cheyenne WY 82009

RE: SOUTH CHEYENNE-SAN-SWR MAIN REPLACEMENT
Application No. **08-140**, Laramie County

Dear Ms. Hansen:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems described as sewer lines, NENE1/4 Section 8 8T13N13N R66W66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2009.

The ends and the service connections to the abandoned sewer line must be grouted shut.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **08-140** in any future correspondence.

Sincerely,

Louis B. Harmon

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

LBH/rm/8-0274

cc: IPS, Cheyenne

James Johnson, Johnson Engineering Assoc., 110 Superior Ct., Laramie,WY 82070

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 3, 2008

Joseph D. Schoen, P.E.
City of Sheridan
55 Grinnell Plaza
Sheridan, WY 82801

RE: 2008 Fire Hydrant Upgrades, WDEQ #08-141, City of Sheridan, WY

Dear Mr. Schoen:

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

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

Sincerely,

Karen L. Farley

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

Enclosures: General Permit
Application
Certificate of Completion

cc: WDEQ File
IPS (Cheyenne)

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 18, 2008

Joshua and Kelly Gebauer
1118 Liberty Lane
Sundance, WY 82729

RE: Transfer of Ownership,
Residential Septic System, Lot 5, Block 4, Sundance View Estates
Crook County, Reference Permit #07-706
Permit #08-142

Dear Joshua and Kelly:

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

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

Sincerely,

Karen L. Farley

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

Enclosures: General Permit

cc: IPS, Cheyenne
WDEQ File
Tim Lyons, Crook County Growth and Development, P.O. Box 848, Sundance, WY 82729
Lifestyle Properties, Vern Burress, 2920 West Main Street, Suite 2, Rapid City, SD 57702

Department of Environmental Quality

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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 24, 2008

City of Laramie
Attn: Linda Cope, Utility Manager
P.O. Box C
Laramie, Wyoming 82070

RE: Superior Court Water Main Extension, Application No. **08-143**
Location: SW¼, Section 28, T16N, R73W, Albany County

Dear Ms. Cope:

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

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:

   a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

   b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not flushed until after the water main or distribution line is flushed.

The approval granted under this Notification Of Coverage and the General Permit shall expire on April 23, 2010. Please reference Application Number **08-143** in any future correspondence.

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

Sincerely,

Ronald L. Ewald

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

RLE/rm/8-0312

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

cc: IPS, Cheyenne
Edward P. Nowak, Camp Creek Engineering, 410 E. Grand Ave., Suite 205, Laramie, Wyoming 82070

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

CLASS V INJECTION WELL (AREA PERMIT)

(...) New
(X) Modified

Permit Number **08-144**
UIC Facility Number WYS-025-024

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

Applicant: Anadarko Petroleum Corporation
1099 18th Street
Denver, CO 80202
(307) 437-9566

Anadarko Petroleum Corporation hereafter referred to as the Permittee, is authorized to operate Anadarko 10MADSW13, 16MADNW13, 20MADSE24, 29MADNW12, 32MADSW12, and 9MADNW12 within Sections 12, 13, 24; Township 40 North; Range 79 West, of the 6th Principal Meridian, Natrona County; according to the procedures and conditions of application 08-144 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.

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

7/1/08
Date

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

7/2/08
Date

JAP/rm/8-0509

Table of Contents

A. Discharge Zone 3

B. Well Location and Area of Review 3

C. Groundwater Classification 4

D. Authorized Operations 4

E. Hazardous Waste 4

F. Proper Operation and Maintenance 5

G. Entry and Inspection 5

H. Environmental Monitoring Program for Groundwaters of the State 5

I. Requirements for Monitoring the Discharge 7

J. Test Procedures 7

K. Records and Reports 7

L. Permit Actions 8

M. Mechanical Integrity 9

N. Abandonment or Conversion to Water Wells 9

O. Duties of the Permittee 10

P. Signatories Requirement 10

Q. Noncompliance 11

R. Permit Transfer 11

S. Property Rights 11

T. Severability 12

A. Discharge Zone

Six (6) injection wells are authorized to inject into the Tensleep and Madison Formations. The injection zones are identified in **Table 1** as follows:

Table 1 (Perforated Zones)

Well Name	Tensleep Formation Perforated Zones	Madison Formation Open Hole Zones
10MADSW13	4,459-4,864	5,159-5,520
16MADNW13	4,730-5,130	5,335-5,715
20MADSE24	4,308-4,713	5,008-5,378
29MADNW12	5,540-5,940	6,040-6,410
9MADNW12	5,805-6,205	6,355-6,730
32MADSW12	4,775-5,175	5,555-5,935

No packers will be used for well completions for two (2) reasons, first, the tubing string will be used to monitor down hole pressures, not to inject fluids; and second, injection will occur through the 10 ¾ inch and 7 5/8 inch well casings to minimize friction drop (at injection rates of up to 140,000 barrels/day/well). Additional perforation zones may be extended within the Tensleep formation with the prior written approval of the Department.

B. Well Location and Area of Review

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

Table 2 (Injection Well Public Land Survey Locations)

Well Name	Section (¼ ¼)	Section	Township	Range
10MADSW13	NESW	13	40	79
16MADNW13	NENW	13	40	79
20MADSE24	SESW	24	40	79
29MADNW12	SWNW	12	40	79
9MADNW12	NWNW	12	40	79
32MADSW12	SWSW	12	40	79

The Areas of Review (radius of endangering influence) were calculated for all five (5) wells for both formations as identified in **Table 3** as follows:

Table 3 (Areas of Review Information)

	Tensleep Formation	Madison Formation
Porosity (%)	15	12.5
Time of Operation (years)	10	10
Maximum Injection Rate per Well (barrels)	35,000	105,000
Approximate Length of Perforated Intervals (feet)	400	400
Radius (feet)	2,655	5,072

C. Groundwater Classification

The groundwater in the Tensleep Formation is classified as Class III according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made because the water obtained from the 32MADSW12 and 10MADSW13 injection wells (respectively) in the Tensleep formation have total dissolved solids of 4,110 – 4,230 mg/L. The groundwater in the Madison formation is classified as Class IV(A) according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made because the water obtained from the 32MADSW12 injection well in the Madison formation has total dissolved solids of 5,640 mg/L. Since the injection wells are not presently designed to separate the injectate into each formation (such as a packer with dual tubing) the injectate cannot exceed 5,000 mg/L total dissolved solids which would change the Tensleep groundwater from Class III to Class IV(A). An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) is considered an underground source of drinking water according to 40 CFR 144.3.

D. Authorized Operations

The Permittee is authorized to inject a maximum of 140,000 barrels per day per well, or 840,000 barrels per day as a combined six (6) well system of produced water resulting from coal bed methane extraction. For operation and maintenance considerations such as conducting mechanical integrity tests or well workovers, the Permittee may inject more than 140,000 barrels per day per well on a temporary basis with prior written approval from the Department. The Permittee is authorized to inject at a surface pressure of no more than 1,314 psig as measured at the wellhead.

1. The Permittee shall submit a one-time baseline ground water sample obtained from the perforated intervals for the Tensleep formation from the 20MADSE24 well prior to injection of any fluids. Parameters to be analyzed are listed on the reporting form. The Permittee is prohibited from injection into this well until authorized by the Department.

2. The Permittee shall submit a one-time baseline ground water sample obtained from the open hole interval for the Madison formation from the 20MADSE24 well prior to injection of any fluids. Parameters to be analyzed are listed on the reporting form. The Permittee is prohibited from injection into this well until authorized by the Department. Groundwater will be classified based upon the water quality results of the grab samples for each formation.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

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

The injection wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16, Section 10.

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

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. The Permittee shall retain records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, copies of the reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. Records of monitoring information shall include:

a. The date, exact place, and time of sampling or measurements;
b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
c. The date(s) analyses were performed;
d. The time(s) analyses were initiated;
e. The initials or name(s) of the individual(s) who performed the analyses;
f. References and written procedures for the analytical techniques or methods used;
g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.

4. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.

5. The Permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The Administrator may require the owner/Permittee to deliver the records to the Administrator at the conclusion of the retention period.

6. The Permittee shall report any noncompliance which may endanger health or the environment within twenty-four (24) hours from the time the Permittee becomes aware of the circumstances. The report should include:

   a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
   b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
   c. A written submission shall be provided within five (5) days of the time the Permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

7. The Permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.

8. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than thirty (30) days following each schedule date.

9. The Permittee shall notify the Department sixty (60) days prior to the spudding of each new injection well so that a joint field inspection may be coordinated between both parties during well construction.

10. The Permittee shall notify the Department thirty (30) days prior to conducting the two-part mechanical integrity tests for each well.

I. Requirements for Monitoring the Discharge

General Requirements:

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

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

Table 4 (Injected Fluid Sampling Schedule)

Sampling Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL*
Quarterly (grab)	Total Dissolved Solids	EPA Method 160.1	5,000
	Sodium Adsorption Ratio	Calculated from other analysis	No limit
	Iron Fixing Bacteria	Standard Method	0
	Sulfate Reducing Bacteria	Standard Method	0
	Coliform Bacteria	Standard Method	0
	pH	EPA Method 150.1	> 6.5 and < 8.5
	Total Maximum Daily Volume	Flow meter	140,000 barrels/day/well
	Total Monthly Volume	Flow meter	2.52E7 barrels/month

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

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

J. Test Procedures

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

K. Records and Reports

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

L. Permit Actions

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

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

1. Violation of this permit;

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

3. Failure of the tubing, casing, cement, or confining layers.

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

M. Mechanical Integrity

Each discharge well and associated discharge facilities are required to have mechanical integrity that demonstrate the unimpaired condition of the well and facilities. The approved procedures for demonstrating the mechanical integrity for each well and facilities handling the discharge authorized by this permit are as follows:

Part I Mechanical Integrity test shall demonstrate the absence of leaks through the packer, casing, and wellhead.

Mechanical integrity shall be maintained continuously. The Permittee shall pressure test the casing of each well prior to injection and at least once every five (5) years. The casing for each well shall be pressure tested up to an indicated surface pressure of 1,300 psi and held for 30 minutes. A passing result is indicated if the casing does not lose more than 10% of the pressure at the end of the test (130 psi).

Part II Mechanical Integrity test shall demonstrate the absence of fluid movement behind the casing.

At least once every five years, and more frequently if required by the Administrator, the permittee shall perform either a Radioactive Tracer Survey, Oxygen Activation log or Cement Bond log, and Temperature log on this well. The temperature log shall be run with the well shut in and shall be recorded while the tool is lowered into the hole.

Wells which have not demonstrated both parts of the Mechanical Integrity test shown on the above schedules, shall be shut in until the Mechanical Integrity has been restored and the required tests have been passed.

N. Abandonment or Conversion to Water Wells

General Requirements:

1. The Permittee shall notify the Administrator at least seven (7) days before conversion or abandonment of the facility.

2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this general permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.

3. In no case shall the abandonment procedure be less stringent than that required at the time of abandonment by the Wyoming Oil and Gas Conservation Commission for the abandonment of producing oil wells.

4. Injection wells covered by this permit shall be permanently abandoned or converted to another use within three (3) years after the date when coal bed methane water was last injected unless those wells are converted to water wells.

5. Wells which are to be converted to another use shall be covered by an approved Wyoming State Engineer's permit for the well showing that it has been converted to a water well. A copy of this permit shall be submitted to the Department as proof that the well has been converted.

O. Duties of the Permittee

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

P. Signatories Requirement

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

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

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

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

<u>For a partnership or sole proprietorship</u> – by a general partner or the proprietor, respectively;

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

or

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

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

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and

3. The written authorization is submitted to the Administrator.

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

Q. Noncompliance

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

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

R. Permit Transfer

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

S. Property Rights

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

T. Severability

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

JAP/rm/8-0509

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 1, 2008

Anakarko Petroleum Corporation
Attn: John M. Farrell
P.O. Box 10
Midwest, WY 82643

RE: Anadarko Petroleum Corporation (Salt Creek Field)
Final Permit **08-144**, Facility WYS-025-024, Class V Injection Well System
Natrona County, Wyoming

Dear Mr. Farrell:

Attached please find one copy of the Class V permit for the above referenced facility. This permit requires reporting on a quarterly basis within 45 days of the end of each calendar quarter, a one-time baseline groundwater sample from the perforated intervals of new wells, a one-time pressure falloff test for new wells, and a mechanical integrity test once every five (5) years for all wells.

The permit application, draft permit, final permit, public notice, and report forms are available for review on the GEM website https://gem.trihydro.com. It is requested that report forms be submitted electronically via the on-line database with a hard copy mailed to this office.

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

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

Sincerely,

PROFESSIONAL GEOLOGIST
JOHN A PASSEHL
PG 4362
WYOMING

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

JAP/rm/8-0509

Enclosures: Permit

cc: Bill Allen, Allen & Crouch Petroleum Engineers, Inc., P.O. Box 976, Casper, WY 82602

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

PERMIT NO. **08-145**

River 2 Project Area, Phase I

This permit hereby authorizes the applicant:

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

to have installed two compliance monitoring wells according to the procedures and conditions of the application number **08-145.** The facilities are proximal to a coalbed methane produced water impoundment located in Township 56N, Range 77W, Section11 (P5677-1116) in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

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

1 of 4: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 4: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/ Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.

3 of 4: Monitoring and Reporting Requirements:

Groundwater protection:

Because the DEQ has classified the shallow groundwater as Class IV groundwater, no groundwater monitoring for the protection of groundwater is required. However, because of a potential connection to the Powder River, groundwater monitoring will be required in order to provide protection of surface waters.

Surface water protection:

Impoundment P5677-1116:

This proposed impoundment is located approximately 2400 feet from the main stem of the Powder River. A water balance was conducted that demonstrates that water infiltrating from the impoundment should not reach the Powder River over the proposed life of the impoundment.

To further ensure protection of surface water, groundwater monitoring will be required between the cbm impoundment and the Powder River. Groundwater in monitoring wells MW5677-1116A and MW5677-1213A shall be sampled until further notice in order to investigate any potential hydrologic connection to the Powder River. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards the Powder River.

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

Reporting results of quarterly monitoring and sampling are due by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **July 15, 2008.** Please submit all analytical data

and correspondence to the DEQ, Groundwater Program, Sheridan field office. The DEQ shall also be notified on each quarterly due date if no discharge has occurred into the impoundment.

4 of 4: Violations:

If a threat to Powder River surface water standards occurs as a result of the operation of the impoundment, the WDEQ may require, among other things, cessation of discharge into the impoundment.

AUTHORIZED BY:

John F. Wagner
Administrator
Water Quality Division

John V. Corra
Director
Department of Environmental Quality

3/11/08
Date of Issuance

WDF/rm/8-0225

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: 08-145

SITE (POD) NAME: River 2 Project Area

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

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

LOCATION: Drainages: colluvium adjacent to Powder River
County: Sheridan

DATE ON REPORT: Nov 12, 2007; Additional data submittal; Feb 8, 2008

REVIEWING OFFICIAL: Don Fischer, North District Geologic Supervisor

DATE OF THIS REVIEW: March 19, 2008

ACTION: Compliance Monitoring Plan authorized for River 2 Project Area, pursuant to conditions in permit # 08-145

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: ephemeral tributary to Powder River

Type of Impoundment(s)` ___"Off channel "
__1__"On channel" (WYPDES designation)

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) _____
Class 4 (industrial) ___1___(surface water protection required)

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality at this impoundment meet Water Quality Rules and Regulations Chapter 8 Class IV standards beneath Impoundment P5677-1116. Total dissolved solids ranged from 5500 to 8200 ppm.

Data for impoundments covered under Permit # 08-145:

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Township	Range
P5677-1116	50.8	SESE	11	56N	77W

1.2 Hydrogeology and Review:

Impoundment P5677-1116:
This proposed impoundment is located approximately 520 feet from an un-named ephemeral tributary to the Powder River and approximately 2400 feet from the main stem of the Powder River. Drilling data shows the impoundment will be constructed in colluvium over bedrock shale and the Anderson coal. Regionally, geologic structure includes stratigraphy that is gently dipping to the southwest, away from the Powder River. Local to Impoundment 5677-1116, data indicate the site is located on the nose of a structural high with bedrock predominately to the southwest with minor components to the south and southeast.

Groundwater was found at variable depths around the proposed impoundment, ranging from 84 to 113 feet below ground surface. Groundwater in all three monitoring wells were classified by the WDEQ as Class IV groundwater. Groundwater flow direction is to the east-southeast, towards the Powder River.

2.0 MONITORING AND REPORTING REQUIREMENTS FOR GROUNDWATER PROTECTION

Because the DEQ has classified the shallow groundwater as Class IV groundwater, no groundwater monitoring for the protection of groundwater is required. However, because of a potential connection to the Powder River, groundwater monitoring will be required to provide protection of surface waters.

3.0 MONITORING AND REPORTING REQUIREMENTS FOR SURFACE WATER PROTECTION

Impoundment P5677-1116:

This proposed impoundment is located approximately 2400 feet from the main stem of the Powder River. A water balance was conducted that demonstrates that water infiltrating from the impoundment should not reach the Powder River over the proposed life of the impoundment. To further ensure protection of surface water, an additional monitoring well was installed between the impoundment and the Powder River.

Groundwater in monitoring wells MW5677-1116A and MW5677-1213A shall be sampled until further notice in order to investigate any potential hydrologic connection to the Powder River. These monitoring wells shall be monitored on a quarterly schedule for the presence of water and sampled for the following parameters if groundwater is encountered: total dissolved solids, electric conductivity, SAR (calcium, sodium, and magnesium), bicarbonate, and sulfates. Depending upon the results, more frequent monitoring and/or additional monitoring wells may need to be installed downgradient towards the Powder River.

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

END OF REVIEW

WDF/rm/8-0225

Dave Freudenthal, Governor

Department of Environmental Quality

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

John Corra, Director

May 16, 2008

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

ARCHIVES

Dear Mr. Connelly:

Subject: Non-Adverse Recommendation, Forest River Reserve Subdivision, Lincoln County, DEQ/WQD Application # 08-146

Dear Mr. Connelly:

The Wyoming Department of Environmental Quality has completed the review of the proposed Forest River Reserve Subdivision located in Section 9, T36N, R119W, 6th P.M., Lincoln County, Wyoming. Generally described, the property is approximately 3.50 miles southwest of the Town of Alpine, Wyoming. The Forest River Reserve Subdivision will create 81 residential lots out of 172 acres. The information was submitted by Sunrise Engineering, Inc., signed by Ryan Erickson, P.E., a Wyoming Licensed Engineer and by Loren Jalbert, P.G. 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 centralized sewage collection and treatment system that will discharge to the Salt River under a Wyoming Pollution Discharge Elimination System Permit. The information submitted addresses the safety and adequacy of the proposed sewage system.

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

The proposed water system is to be a central water supply system with a water well as the source of water. The information submitted addresses the safety and adequacy of the proposed water system.

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

ABANDONED MINES (307) 332-5085 FAX 332-7726
AIR QUALITY (307) 332-6755 FAX 332-7726
LAND QUALITY (307) 332-3047 FAX 332-7726
SOLID & HAZARDOUS WASTE (307) 332-6924 FAX 332-7726
WATER QUALITY (307) 332-3144 FAX 332-3183

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

Iron and manganese levels that exceed the National Secondary Drinking Water Standards have been detected in a well within the Forest River Reserve Subdivision. The National Secondary Drinking Water Standard for iron is 0.3 g/l and for manganese is 0.05 mg/l. The well tested at 0.70 mg/l for iron and 0.15 mg/l for manganese. Due to these high levels of iron and manganese, additional water treatment may be required to reduce the aesthetic effects of the high iron and manganese levels .

Conclusions:

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

Disclaimer:

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

Nothing in Department of Environmental Quality recommendations or comments regarding the Sunrise Engineering, Inc., proposal, for the Forest River Reserve Subdivision shall be construed to relieve Mr. Ted Terry of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Lincoln County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,

Mark Baron

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

MDB/mdb

xc:

John Woodward, Lincoln County - Office of Planning and Development
P.O. Box 414, Afton, WY 83110
Loren Jalbert, P.G., Sunrise Engineering, Inc.,1650 Topaz Way, Meridian, ID 83642
Ted Terry, 2401 Lake Park Drive, Suite 335, Smyrna, GA 30080
Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office, Herschler Building, 4th Floor East, Cheyenne, WY 82002
IPS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. **08-147** REFERENCE PERMIT NO.08-418, 08-548

Pines Lodge Wastewater Treatment System

This permit hereby authorizes the applicant:

Sheridan YMCA
417 North Jefferson
Sheridan, WY 82801

to construct, install or modify the Pines Lodge Small Wastewater System, according to the procedures and conditions of the application number **08-147**. The facility is located in the SE1/4 of Section 15, Township 50 North, Range 84 West, Johnson County, west of Buffalo, Wyoming, in the Big Horn National Forest. All construction, installation, or modification allowed by this permit shall be completed within one year of issuance.

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 permit conditions or other operational requirements. Compliance with all applicable standards remains the responsibility of the permittee.

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

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

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

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

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

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

1 of 4 The applicant will provide immediate oral or written notice to the 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 4 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 4 In accordance with the permit application, the applicant must record and monitor wastewater volume on a daily basis. If wastewater volumes exceed 1900 gallons per day, the facility operations must be immediately reported to the WDEQ, Northeast District, and facility operations adjusted immediately.

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

9-23-08
Date of Issuance

KLF/rm/8-0716

cc: Thomas J. Pilch, P.E., Pilch Engineering, 41 East Burkitt Street, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **08-147**

2. Application reviewed for compliance with the following applicable regulations :

   Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations

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

   YES

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

   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 and completed on September 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."

The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

May 14, 2008

Ted Ertman
Weston County Commissioners
1 West Main Street
Newcastle, WY 82701

RE: **Non-Adverse Recommendation**
Thornton No. 1 Subdivision, WDEQ Application #08-148

Dear Commissioners:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision application pursuant to W.S. 18-5-306. The subdivision is located approximately 7 miles northwest of the City of Newcastle, east of Plum Creek Road, and lies within the NE ¼ of Section 27, Township 46N, Range 62W. This letter constitutes our conclusions regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of W.S. 18-5-306 (c).

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

This 5-lot subdivision is currently proposed to utilize individual on-site septic tanks and leach fields permitted by and constructed to Wyoming Department of Environmental Quality Water Rules and Regulations. The information submitted addresses the safety and adequacy of the proposed sewage system, provided the statements indicated in the **"Notes required to be added to the final plat, ---"**section below are added to all pertinent documents.

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

No water system is proposed for the subdivision; however, the consultant states that the homeowner has the option of drilling an individual well or hauling water. Because this is a minor subdivision, the consultant was not required by our department to drill and/or test an on-site well for the purpose of providing aquifer testing and water quality tests; however, the consultant did provide an evaluation of the existing well that is currently on site combined with other collected hydrogeologic data and concluded that there is adequate water within the Lakota Formation aquifer. This aquifer is likely to be targeted for any individual wells within the subdivision. Further, the consultant states that the quality of water in this formation is generally good. A water sample was taken from the on-site well and the results confirmed this statement.

The information submitted addresses the safety and adequacy of the proposed water system (individual on-site wells or hauling water), provided the statements indicated in the **"Notes required to be added to the final plat, ---"**section below are added to all pertinent documents.

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

1) All on-site wastewater disposal systems must be permitted through the Wyoming Department of Environmental Quality – Water Quality Division prior to construction. No septic system can be installed in any ephemeral drainage. Slopes near the ephemeral drainages must be specifically evaluated if septic systems are planned near these drainages.
2) Water wells shall be properly permitted through the State Engineer's Office, drilled and constructed. Potential buyers/lot owners are advised to hire a reputable well drilling contractor and construct/complete their well within the State Engineer's Office guidelines. An approved permit **must** be obtained prior to drilling a well.
3) Potential buyers/lots owners are advised to read the disclosure statement that has been prepared for this subdivision.

Conclusions:

The department has "No Adverse" recommendation on this proposed subdivision regarding the safety and adequacy of the proposed water supply (individual on-lot wells or haul water) and the proposed sanitary sewer system (individual on-site septic systems.

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 to the issuance of required permits for construction, operation, or modification of water supply and/or wastewater systems. It is the duty of the subdivider/developer to comply with all applicable federal, state, and local requirements.

Please do not hesitate to contact me at (307) 473-3478 or kfarle@state.wy.us if you have any questions on this correspondence.

Sincerely,

Karen L. Farley

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

cc: Richard Thornton, 59 Pendleton Dr., Pine Haven, WY 82721
Ralph W. Goodson, P.E., Bearlodge Lmited, Inc., P.O. Box 130, Sundance, WY 82729
Mike Ebsen, SEO
WDEQ File
IPS (Cheyenne)