

The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

September 7, 2006

A. Ron Achtziger
P.O. Box 908
Sundance, WY 82729

RE: Achtziger Horse Barn As-Built Septic System
Permit # 06-601

Dear Mr. Achtziger:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit

cc: IPS, Cheyenne
Linda Fritz, Crook County, P.O. Box 37, Sundance, WY 82729

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The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

September 9, 2006

Colby Viergets
P.O. Box 253
Beulah, WY 82712

RE: Colby Viergets Residential Septic System
Permit # 06-602

Dear Mr. Viergets:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit

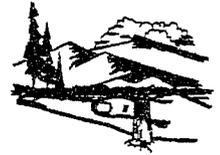
cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729

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

NOTIFICATION OF COVERAGE

September 19, 2006

John B. Nauman
P.O. Box 1024
Sundance, WY 82729

RE: Nauman Residential Septic System
Permit # 06-603

Dear Mr. Nauman:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729
Jack Nauman, Lomax Construction, 4402 Orchard Bench Road, Basin, WY 82410

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The State
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Department of Environmental Quality

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John Corra, Director

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

NOTIFICATION OF COVERAGE

September 13, 2006

Roger and Victoria Connett
2501 Sage Valley Drive
Gillette, WY 82718

RE: Connett Residential Septic System
Permit # 06-604

Dear Mr. and Mrs. Connett:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit

cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

January 19, 2007

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

RE: Willow Brook Estates Subdivision, Lincoln County, and WDEQ Application #06-605R

Dear Mr. Chairman:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. The WDEQ has an **'Adverse'** recommendation on this proposed subdivision. Our recommendation regarding the feasibility of the proposed water and sewage systems pursuant to the requirements of W.S. 18-5-306 (c) is based on additional information being required to answer the WDEQ's October 23, 2006 review letter addressing the following questions and statements:

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

1. Chapter 23, Section 7 (d)(viii)(B) states that unless the application materials demonstrate through fate and transport analysis that leachate will not impair ground water and/or surface water quality use, enhanced treatment systems capable of achieving, at a minimum, the enhanced treatment standard must be used. On page 5 of the subdivision water supply and wastewater disposal analyses the two year travel distance for pathogen is indicated as 533 feet. This 533 feet applies to both onsite and offsite water wells. The various lot leach field layouts do not take into account the direction of groundwater flow or the two year down gradient area of contamination. In lieu of installing enhanced treatment systems the direction of ground flow along with septic effluent flow can be taken into consideration. Water well radiuses of influence and septic system effluent ground water plumes drawn to scale on the plat must be shown graphically not to intersection using not enhanced systems.



Chairman
Lincoln County Board of Commissioners
January 19, 2006

If conventional septic systems are to be constructed as an example the following language, or similar, language will be recommended to be added to the plat and/or all offers, solicitations, advertisements, contacts, and agreements relating to the subdivision, advising potential buyers of the Wyoming Department of Environmental Quality's requirements for the construction of septic systems:

Individual home/lot owners must hire a Professional Engineer Licensed with the State of Wyoming, to obtain a Chapter 3 Permit to Construct, from the Wyoming Department of Environmental, Water Quality Division to authorize the construction of a septic system with leach field. Home/lot owners must submit the permit application to the Southwest District Engineer, Water Quality Division, 510 Meadowview Drive, Lander, WY 82520. The proposed individual sewage disposal systems are to be enhanced on-site wastewater treatment systems for all lots unless the septic system leach fields are located a minimum of NXXXW 550 feet from any down slope lot line. To meet this condition the leach field must be at least XXX feet east of the westerly lot line and at least XXX feet north of the southerly lot line.

2. Chapter 23, Section 7(d)(viii)(E) requires that an enhanced treatment system design be submitted as part of the review. No documentation has been submitted that the proposed enhanced wastewater treatment system can meet the following requirements:

Each small enhanced wastewater treatment system must continually achieving the following minimum treatment standards as required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at a depth of 4 feet above the seasonally high groundwater:

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

2. Chapter 23, Section 7(d)(viii)(E) requires that an enhanced treatment system design be submitted as part of the review.

3. The above layout and design issues must be resolved before a non-adverse recommendation can be given to the Board of County Commissioners.

Conclusion(s):

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

Chairman
Lincoln County Board of Commissioners
January 19, 2006

Disclaimer

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

It is the duty of the subdivider/developer to comply with all applicable federal, state and local requirements. Please do not hesitate to contact me at (307) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,



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

xc:

Philip Gyr, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001
Earl Darway, 350 Patchett Road, San Luis Obispo, CA 93401
John Woodward, Lincoln County Office of Planning and Development, P.O. Box 414,
Afton, WY 83110
Mike Ebsen, Wyoming State Engineers Office, Herschler Building, 4th Floor East,
Cheyenne, WY 82002
IPS-Cheyenne
chron & file(3)

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-606

Reference Permit Nos.: 85-75R, 86-123R, 90-121R, 95-041, and 97-094

Simplot Phosphates Phosphogypsum Storage Area Expansion

This permit hereby authorizes the applicant:

Eric Schillie, Plant Manager
Simplot Phosphates LLC
515 South Hwy 430
Rock Springs, WY 82901

to construct an additional 125 acres of lined surface area (consisting of 16 oz. non-woven polypropylene geotextile with a 60 mil thick high density polyethylene textured liner over the geotextile) phosphogypsum storage area which will tie into the existing storage area and increase the total storage area to 420 acres, according to the procedures and conditions of the application number 06-606. The facility is located in Sections 8, 9, 16 & 17, T18N, R104W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 5, 2008.

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

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

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

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

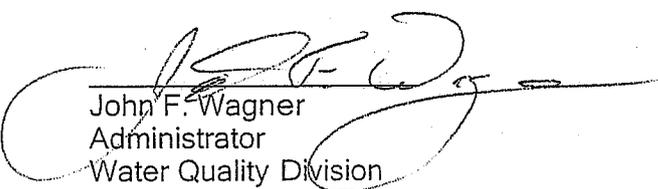
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations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

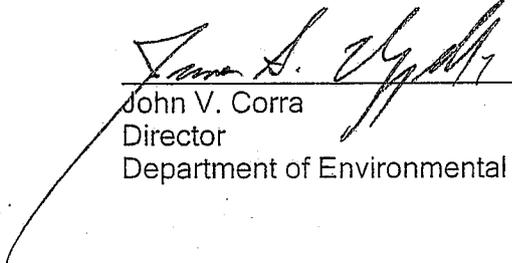
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations. The permittee shall construct and operate the permitted facility in accordance with the statements,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

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

- 1 of 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 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 7 This facility is permitted to store phosphogypsum and process water.
- 4 of 7 A completed operation and maintenance manual for this facility must be submitted to the Southwest District Engineer, State of Wyoming, DEQ, Water Quality Division, 510 Meadowview Drive, Lander, WY 82520. This manual must meet the applicable requirements of Chapter 11, Section 24 of the Wyoming Water Quality Rules and Regulations, and be approved by the DEQ/WQD prior to placing this facility in operation.
- 5 of 7 Groundwater in the four monitoring wells are to be sampled and analyzed separately according to monitoring schedule A of this permit.
- 6 of 7 This facility is required to comply with the Wyoming Air Quality Standards and Regulation's Chapter 2 Ambient Standards. Chapter 2, Section 11(a)(i) shall be the minimum basis for determining the adequacy of the proposed procedures and methods for controlling odors. Air Quality Standards are an enforceable condition of this permit.
- 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

10-11-06
Date of Issuance

JSB/rm/6-0921

JRC 10/10/06

STATEMENT OF BASIS

1. Permit Number: 06-606
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
The new storage area will be lined with 16 oz. non-woven polypropylene geotextile for protection followed by a 60 mil thick high density polyethylene textured liner. The 60 mil liner will double fused to the existing liner and continuously double fused together for the entire surface are to form an impermeable barrier to leakage. The facility has an existing groundwater monitoring system consisting of four active groundwater monitoring wells and a groundwater interceptor trench. Monitoring data has been submitted to DEQ on a quarterly basis.
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 James S. Brough, jbrough@state.wy.us, Environmental Engineer and completed on October 6, 2006. 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: Greg Gronski, P.E., SImplot Phosphate LLC, 515 South Hwy 430, Rock Springs, WY 82901
Mike Stoll, Air Quality Division, Cheyenne
Mark Kot, Sweetwater County Planning, 80 West Flaming Gorge Way, Green River, WY 82935

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Monitoring Schedule A -Quarterly Ground Water Quality Monitoring Well Reporting Requirements for WDEQ/WQD Permit Number 06-606, Simplot Phosphates Groundwater Monitoring System.

Monitoring Locations	Parameter	Method	Frequency
1) The four monitoring wells and the groundwater interceptor trench 2) If ground water is not detected a report must still be submitted quarterly.	Conductivity	EPA 120.1	Quarterly
	pH	EPA 150.1	Quarterly
	Chloride	EPA 300.0	Quarterly
	Fluoride	A 4500 F-C	Quarterly
	Sulfate	EPA 300	Quarterly
	Aluminum	EPA 200.7	Quarterly
	Cadmium	EPA 200.7	Quarterly
	Chromium	EPA 200.7	Quarterly
	Copper	EPA 200.7	Quarterly
	Vanadium	EPA 200.7	Quarterly
	²²⁶ Radium (Alpha Emitting Isotopes)	EPA 903.0	Quarterly
	TDS ⁵	EPA 160.1	Quarterly
	Phosphorus	EPA 365.1	Quarterly
Ground Water Elevations	Based on Sea Level	Quarterly	



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 TRANSFER

September 1, 2006

Jay Stender
Sheridan Area Water Supply – Joint Powers Board
224 South Main Street, Suite B1W
Sheridan, Wyoming 82801

RE: Transfer of General Permit 05-158 To **General Permit 06-607**
Old Apostolic Lutheran Church Water Distribution System

Dear Mr. Stender:

The referenced General Permit 05-158 for the Old Apostolic Lutheran Church Water Distribution System is hereby transferred to the Sheridan Area Water Supply Joint Powers Board under **General Permit 06-607**. Please reference Application Number **06-607** in any future correspondence.

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

Yours truly,

Don McKenzie
Program Manager
Water & Wastewater Section
Water Quality Division

DRM/rm/6-0817

Enclosure: Transfer

cc: IPS, Cheyenne

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

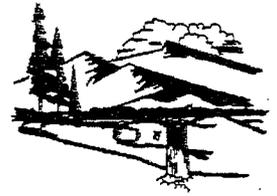
SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

October 4, 2006

Blanton Dennis
987 Black Mountain Rd.
P.O. Box 1091
Thermopolis, WY 82443

RE: Dennis' Residential Small Wastewater Treatment Facility, Permit Number: 06-608R, Section 33, T44N, R94W, Hot Springs County

Dear Mr. Dennis:

The above application for coverage under General Permit to construct a gravity flow septic tank and raised bed leachfield has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations and is hereby approved provided:

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

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

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

Sincerely,

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

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

encl: General Permit For a Small Wastewater Facility

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-609

High Plains Power, 12-inch Sanitary Sewer Relocation

This permit hereby authorizes the applicant:

Jeff Hohn, General Manager
High Plains Power
P.O. Box 713
Riverton, WY 82501

to install approximately 1,451 linear feet of 12-inch PVC sewer liner and five manholes to relocate and replace an existing 12-inch VCP line; according to the procedures and conditions of the application number 06-609. The facility is located within Section 35, Township 1 North and Range 4 East in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 20, 2008.

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

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

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

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

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

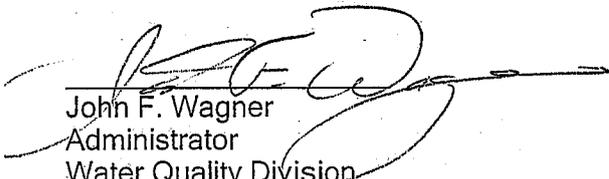
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

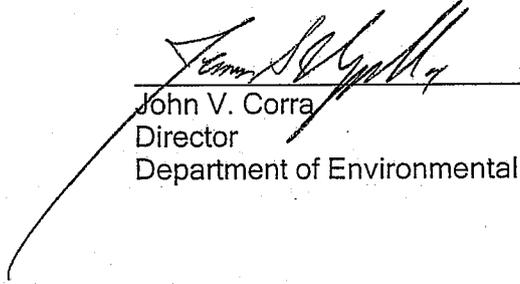
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9-22-06
Date of Issuance
JSB/rm/6-0865

STATEMENT OF BASIS

1. Permit Number: 06-609
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?
No. A variance from the minimum slope requirement of 0.22 feet per 100 feet for 12-inch sewer line has been requested.
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.
Yes, DEQ/WQD Policy 13.9.13 allows 12-inch sewer main to be installed at 0.20 feet or less per 100 feet with the following conditions: 1) the sewer pipe is constructed of SDR 35 PVC, 2) the pipe will be installed using a sewer laser to ensure accurate and uniform grade, 3) the pipe will be bedded with Type 1 bedding material using Type A trench backfill methods, 4) The City of Riverton has provided written approval of the design, and 5) the City of Riverton will provide full time inspection.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

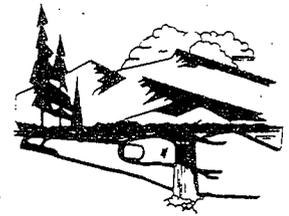
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on September 20, 2006. 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: 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



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 25, 2006

Ronnie Hein
Cambria Improvement and Service District
23447 US Highway 85
Newcastle, Wyoming 82701

RE: Wociki Lane Water Pipeline
Application No. **06-610**

Dear Mr. Hein:

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, and the general permit. It is our understanding that this permit will replace the previously issued permit 06-170 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 which revises the language of the September 20, 2006 letter I sent to you. :

A. Condition One - As documented in your approved submittal, there will be a maximum of six (6) additional service taps allowed on this water pipeline along with the existing six (6) service taps for a total of twelve (12) service taps on this line.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 1, 2008. Please reference Application Number **06-610** in any future correspondence.

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

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0864

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

cc: IPS, Cheyenne
Ed Nowak, Camp Creek Engr., 410 E Grand Ave., Suite 205, Laramie Wyoming 82070

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

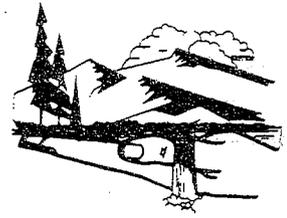
SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 20, 2006

Ronnie Hein
Cambria Improvement and Service District
23447 US Highway 85
Newcastle, Wyoming 82701

RE: Wociki Lane Water Pipeline
Application No. 06-610

Dear Mr. Hein:

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, and the general permit. It is our understanding that this permit will replace the previously issued permit 06-170 Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

A. Condition One - As documented in your approved submittal, there will be a maximum of six (6) service taps allowed on this water pipeline.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 1, 2008. Please reference Application Number 06-610 in any future correspondence.

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

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0864

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

cc: IPS, Cheyenne
Ed Nowak, Camp Creek Engr., 410 E Grand Ave., Suite 205, Laramie Wyoming 82070

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

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FAX 777-6937

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FAX 777-5864

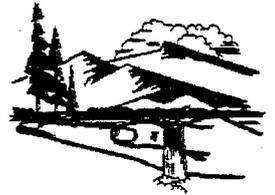
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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 9, 2006

Karen Stepp
P.O. Box 129
Boulder, WY 82923

RE: Stepp by Stepp Septic System - Permit Number 06-611, Lot 47 Sand Draw Industrial Park, 42 36' 13" N 109 37' 21" W, Sublette County, WY

Dear Karen Stepp:

The above application for coverage under General Permit to Construct a small wastewater treatment facility consisting of two septic tanks, 1500 and 1000 gallons respectively, a gravity fed leach field comprised of 150 infiltrators installed over a bed of replaced native soil or pit run material to serve a two bedroom home, an office and three mobile homes, in accordance with Chapter 3, and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Perry Roberson
Environmental Senior Analyst
Water Quality Division

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

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems



AS-BUILT
PERMIT TO CONSTRUCT

New

PERMIT NO. **06-612**
SPECIAL CONDITIONS

Sublette County School District #1 Aquatic Center and Middle School Water and Sewer Project

This permit hereby authorizes the applicant:

Sublette County School District #1
ATTN: Vern McAdams
147 East Hennick
Pinedale, WY 82941

to have constructed and installed water and sewer line extensions according to the procedures and conditions of the application number **06-612**. The facility is located in the SW ¼ of Section 34, Township 33N, Range 109W, in the county of Sublette, in the State of Wyoming.

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

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

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

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

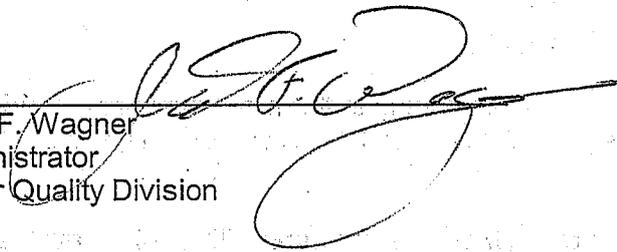
Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations. It is the duty of the permittee, owner and/or operator to comply with all applicable federal, state and local laws or regulations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

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

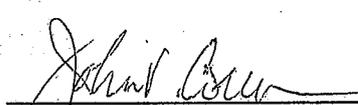
The permittee has constructed and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or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

Condition 1 of 1 of Permit 06-612: Bush & Gudgell shall submit three sets of final drawings to Don McKenzie, WWW Program Manager, Wyoming Department of Environmental Quality, Water Quality Division, at Herschler Building, 4 Floor-West, 122 West 25th Street, Cheyenne, Wyoming, 82002, within thirty (30) days of the issuance of this permit.

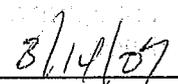
AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality



Date of Issuance

JRF 3/12/7
DRM/rm/7-0194

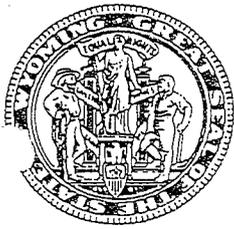
cc: George Buys, Bush & Gudgell, Inc., 525 South 300 East, Salt Lake City, UT 84111
Don Rasmussen, VCOB, 524 South 600 East, Salt Lake City, UT 84102
Randy Hubbard, Town of Pinedale, Box 709, Pinedale, WY 82941

STATEMENT OF BASIS

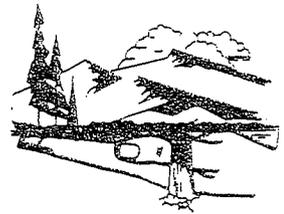
1. Permit Number: 06-612
2. Application reviewed for compliance with the following regulations :
Chapters 11 and 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
COMPLY? YES
4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3?
NOT Required
5. Circumstances Requiring an As-Built Permit:
When Built: August 2006
Why permit not obtained at the time: The owner relied on the consultant to secure permit. The consultant is from another state and did not understand permitting requirements
Why was As-Built permit applied for at this time: The As-Built permit is part of a settlement agreement.
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 Brian Mark, bmark@state.wy.us, Program Principal, and completed on March 12, 2007. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 11, 2006

Edward and Deanna Reisch
68 Lower Prairie Dog Road
Sheridan, WY 82801

RE: Reisch Small Wastewater Permit No. 06-613
SE Section 28 Township 16 North, Range 81 West in Carbon County

Dear Mr. and Mrs. Reisch,

The referenced application for coverage under a General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a two bedroom house, in accordance with Chapter 3 Section 9 of the Wyoming Water Quality Rules and Regulations (WWQRR), has been reviewed and approved.

You are authorized to construct and install the small wastewater system in accordance with Chapter 11, Part D of the WWQRR, the General Permit and the materials submitted in your application package.

The following project specific condition applies to your permit: Either a 6 inch diameter clean-out riser or the manway from each compartment of the tank must be extended to the ground surface.

Please note the reporting requirements outlined in Part V, Section O of the General Permit. The approval granted under this Notification Of Coverage and the General Permit shall expire on October 11, 2007.

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

Yours truly,

Don McKenzie, P.E.
Program Manager
Water & Wastewater Section, Water Quality Division

DRM/rm/6-0938

Enclosures: General Permit & Certificate of Completion Form
xc: IPS, Cheyenne
Kelly Cole, 599 State Highway 11, Laramie, WY 82070 w/o enclosures
Carbon County Planner, Kristy Rowan, PO BOX 487, Rawlins, WY 82301





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

November 7, 2006

Mr. Jake Strohman
Petro-Canada Resources Inc.
640 North Highway 14-16, Unit J
Gillette, WY 82716

Re: Withdraw of Permit to Construct Number 06-614

Dear Mr. Strohman,

As per your request, the Wyoming Department of Environmental Quality, Water Quality Division (WQD) is withdrawing Permit to Construct Number 06-614 from the permitting process. This "as-built" permit was to be issued for the monitoring well located at the P2-2 reservoir, Cedar Draw Project in Section 2, Township 51 North, Range 75 West, in Campbell County.

As per our recent conversation, it is the understanding of the WQD that the P2-2 reservoir will no longer be used as a storage facility for coalbed methane produced water and therefore will not be required to obtain an authorized groundwater compliance monitoring plan. It is also the understanding of the WQD that Petro-Canada Resources will respond in writing to the WQD regarding the discontinued use of the P2-2 reservoir.

If you have any questions regarding this letter, please contact me in the Sheridan office at (307) 673-9337.

Sincerely,

A handwritten signature in cursive script that reads "Don Fischer".

Don Fischer
North District Program Principal
Water Quality Division

CC: Barb Barnes, IPS, Cheyenne
Kevin Frederick, Groundwater Program Manager, Cheyenne

1866 SOUTH SHERIDAN AVENUE • SHERIDAN, WY 82801

AIR, LAND AND WATER DIVISIONS
(307) 673-9337 • FAX (307) 672-2213



From: Don Fischer
To: Barnes, Barb
Date: 11/7/2006 10:49 AM
Subject: permit to construct 06-614

CC: Frederick, Kevin

Hi Barb,

At the request of the operator, Permit to Construct 06-614 will not be issued and can be withdrawn. The permit was for monitoring wells and would have been issued to Petro-Canada Corp. (Cedar Draw Project P2-2 Reservoir, Campbell County). I'll send a letter to the Petro-Canada and copy you on the letter.

Let me know if you need any other information.

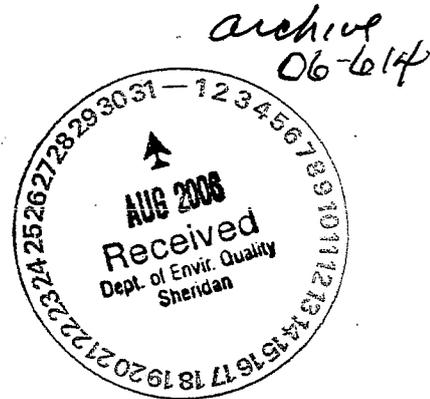
Thank you.
Don

Don Fischer
Wyoming DEQ
Groundwater Program
1866 South Sheridan Ave.
Sheridan, WY 82801
307-673-9337 Phone
307-672-2212 Fax

Done - 11-7-06
RM



Petro-Canada Resources (USA) Inc.



August 17, 2006

Wyoming Department of Environmental Quality
Attn: Don Fischer
1866 South Sheridan Avenue
Sheridan, WY 82801

Re: Petro-Canada Resources Cedar Draw Project P2-2 Reservoir (MW2-23-1 monitor well), Compliance Monitoring Plan

Dear Mr. Fischer,

Enclosed please find a compliance monitoring plan for the P2-2 reservoir located in Petro-Canada Resources Cedar Draw project, along with a Chapter three application, drilling logs, a well construction summary, and initial water quality analysis. Drilling and construction of the MW2-23-1 monitor well was completed on March 30th, 2006 and is located down gradient of the P2-2 reservoir.

The water-bearing zone at this location is a silty sandstone at a depth of approximately 60 feet below ground surface. Initial water quality results indicate class III groundwater at this facility. The following outlines the compliance monitoring plan that will be followed by Petro-Canada for the facility listed in Table 1.

P2-2 reservoir (MW1-23-1 monitor well) compliance monitoring plan:

1. A static water level measurement and well head inspection will be conducted prior to sampling at all sites.
2. Field water quality instruments will be calibrated according to manufacturer directions and calibration records will be kept by the person/company responsible for the sampling.
3. Instruments will be cleaned with de-ionized water between measurements.
4. A low-flow pump or a bailer will be used to sample the site. If a low-flow pump is used, it will be set to sample in the screed interval of the well. If a bailer is used, it will be lowered into the well slowly to minimize disturbance and at least two well casing volumes will be removed before a sample is collected.
5. A sample will be collected when the turbidity is below 20 ntu or field parameters are stable. Field water quality parameters will be recorded at specific increments to indicated stabilization.

6. Only clean sample bottles will be used and samples will be submitted within 48 hours of collection for laboratory analysis.
7. All monitoring will follow the WDEQ-WQD protocol for purging and sampling for metals.
8. Parameters to be measured include arsenic, cadmium, calcium, chromium, iron, magnesium, potassium, selenium, sodium, zinc, pH, SAR, barium, boron, chloride, fluoride, sulfate, TDS, copper, and lead.

Petro-Canada will monitor this facility for water quality on a quarterly basis. Due to an oversight that has already been discussed with DEQ, discharge has already begun into this impoundment and a quarterly sample was collected in July of 2006 and will continue until Petro-Canada ceases to have a need for this reservoir, at which time the monitor well will be plugged and abandoned and the reservoir reclaimed.

Table 1. Facilities requiring groundwater compliance monitoring.

Associated Outfall	Reservoir	QQ	Sec.	T (N)	R (W)	Existing or Proposed	Monitor Well and Water Bearing Interval
WY0051985-051	P2-2	SWNW	2	51	75	Existing	MW2-23-1 Sandstone

If you have any questions, or require any additional information, please feel free to contact our office.

Sincerely,



Krystal Price
 Petro-Canada Resources (USA), Inc.
 Office: 307-686-1240 Ext. 113
 Cell: 307-680-9637
 Email: krystal.price@petro-canada.com

archive

WYOMING WATER QUALITY RULES AND REGULATIONS CHAPTER 3
PERMIT TO CONSTRUCT, INSTALL OR MODIFY
PUBLIC WATER SUPPLIES, WASTEWATER FACILITIES, DISPOSAL SYSTEMS,
BIOSOLIDS MANAGEMENT FACILITIES, TREATED WASTEWATER REUSE SYSTEMS AND OTHER FACILITIES CAPABLE OF CAUSING OR CONTRIBUTING TO
POLLUTION

FOR USE BY DEQ/WQD ONLY
APPLICATION NO. 06-614
DATE RECEIVED 8-31-06
PROGRAM ASSIGNED GPC

Application must contain three copies each of the following: application form, plans, specifications, and pertinent design information. Submit to appropriate field office.

- DEQ/Water Quality Division, 122 West 25th Street, Herschler Building, 4W, Cheyenne, WY 82002 (307) 777-7781
- DEQ/Water Quality Division, 250 Lincoln Street, Lander, WY 82520 (307) 332-3144
- DEQ/Water Quality Division, 1043 Coffeen Avenue, Suite D, Sheridan, WY 82801 (307) 672-6457
- DEQ/Water Quality Division, 3030 Energy Lane, Suite 200, Casper, WY 82604 (307) 473-3465

Name of facility: Kingsbury P2-2 reservoir

Location of facility: County: <u>Campbell</u> Township: <u>51N</u> Range: <u>75W</u> Section: <u>2</u> ¼ Section: _____ or if available Latitude _____ Longitude _____	Type of application: <input checked="" type="checkbox"/> As built permit _____ New permit _____ General Permit _____ Revised permit* _____ Standard specification permit _____ Renewal of permit* *Previous DEQ/WQD construction permit no(s). if applicable (revision or renewal) _____
-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Individual Permits Type of Project (Mark all that apply)

Water and Wastewater Program

- _____ Public water supply including 15 or more service connections or regularly serves 25 or more people; If applicable, PWS # _____ ground or surface water source, transmission line, treatment plant, chlorination or pumping system, storage facility, backflow prevention device, or laboratory
- Wastewater facility including domestic sewage pond, disinfection, collection or pumping system, evaporative/containment pond, sedimentation pond, mechanical treatment plant, oil/water separator (external to a structure), sludge facility or laboratory
- _____ If applicable, NPDES # 51985
- _____ Small wastewater facility Septic tanks, single unit, domestic sewage, less than 2,000 gallons
- _____ Land application system including road application, land farming or one-time land application

Groundwater Pollution Control (GPC) Program

- Subsurface investigation facilities
- _____ Groundwater and contamination containment systems
- _____ Groundwater remediation/ treatment systems

General Permit in accordance with Chapter 3 Section 7

- _____ Small wastewater facilities
- _____ Sewage collection systems
- _____ Water distribution systems
- _____ Pilot plants

Briefly describe facilities proposed to be constructed: Compliance monitoring well
for CBNG water storage facility P2-2

Have all required State Engineer permits been obtained? Yes ___ No ___ N/A

If yes, provide permit number(s) _____
If not, the State Engineer (phone number 777-7354) should be contacted to determine if any permits are required for this project; it is illegal to appropriate water without a permit.

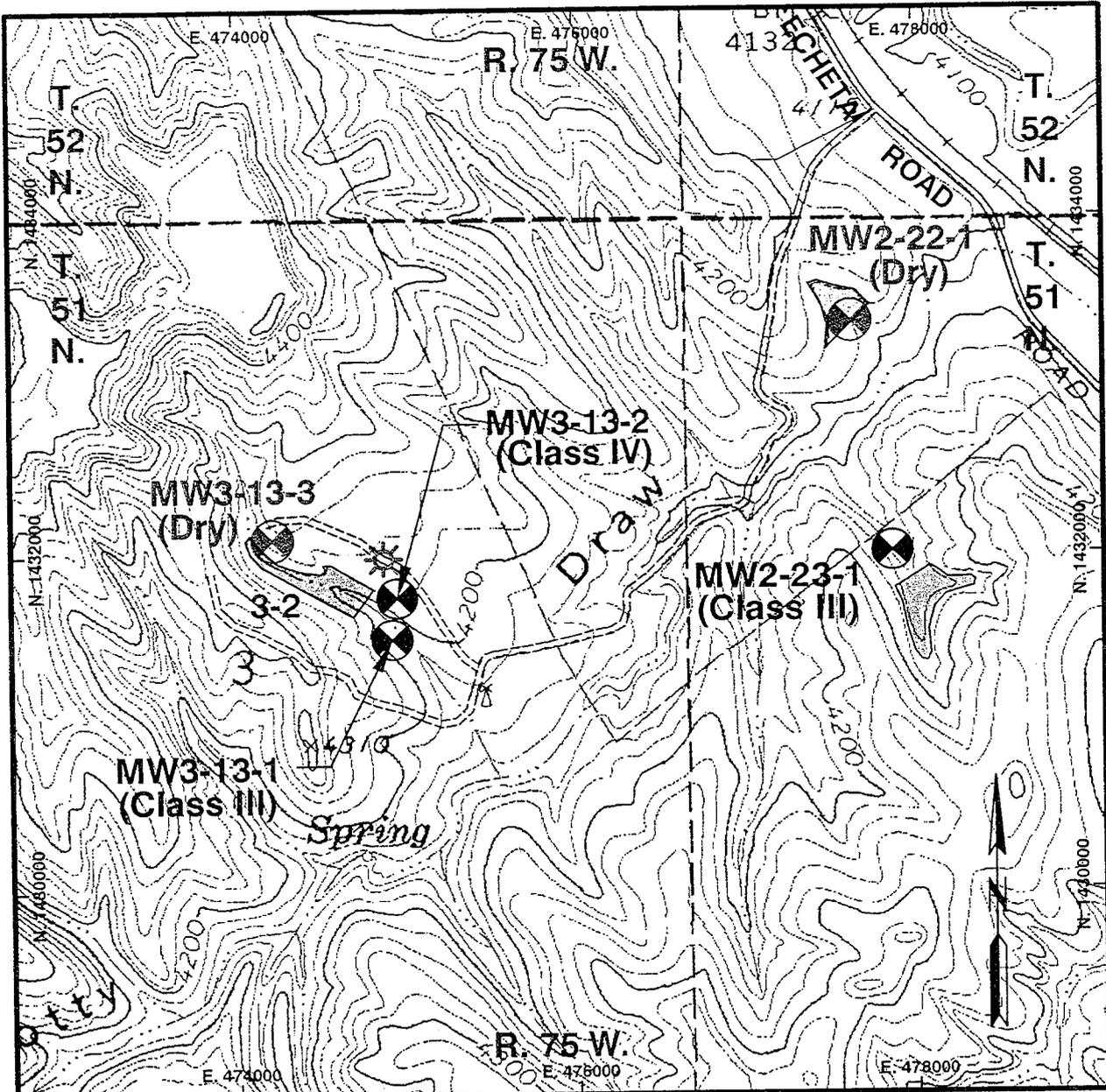
Owner/Permittee Name: <u>Petro-Canada Resources (USA) Inc.</u> Address: <u>640 N. Hwy 14-16, Unit J</u> <u>Gillette WY 82716</u> (City, State, Zip) Phone: <u>307-686-1240</u>	Engineer/Geologist Name: <u>Jake Strohman</u> Wyoming P.E. or P.G.#: <u>PE 2602</u> Firm: <u>Petro-Canada Resources (USA) Inc.</u> Address: <u>640 N Hwy 14-16</u> <u>Gillette WY 82716</u> (City, State, Zip) Phone: <u>307-686-1240 Ext. 115</u>
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

This form must be signed by the owner, or in the case of the owner being a corporation or other business organization, by an individual with the legal authority to bind the corporation or business organization.

I certify that the application for the permit for the above described facility has been submitted in accordance with local, county and state statutes, as required, and that said facility shall be constructed as authorized under the provisions of any permit issued pursuant to W.S. 35-11-301 (a) (iii) and (v) including conditions of any applicable general permit issued pursuant to Section 7, Chapter 3, Wyoming Water Quality Rules and Regulations..

Alan E. Vreeman
Owner (please print or type)
Alan E. Vreeman
Owner's Signature

Permitting Director
Title
8/30/06
Date



LEGEND

- EXISTING IMPROVED ROADS
- EXISTING UNIMPROVED ROADS
- PROPOSED TEMPORARY ACCESS ROADS
- EXISTING FEDERAL CBNG WELL LOCATION
- EXISTING MONITOR WELL
- DRILLED MONITOR WELL - DRY
- PROPOSED RESERVOIR FOOTPRINT

PETRO-CANADA

**CEDAR DRAW
RESERVOIR 3-2
GROUNDWATER
MONITORING LOCATIONS**

REVISIONS	
Date	By

WWCENGINEERING
1849 TERRA AVE.
SHERIDAN, WY. 82801
(307) 672-0761

FILE: CD_COMP_WELLS Drawn By: MBM | Checked By: BJS | Date: 7-24-06 | Scale: 1" = 1000'

ENGINEERING HYDROLOGY AND HYDROGEOLOGY

LOG OF BOREHOLE		BOREHOLE # MW2-23-1	Page 1 of 1		
PROJECT: Cedar Draw (03106)		DRILLER: Dex - Corey	DATE: 3/30/05		
CLIENT/LOCATION: Petro-Canada Scotty Dr		RIG: IVI-AR	START: 13:30		
GROUND ELEVATION: 4148		BIT(S): Drag	FINISH: 16:40		
COORDINATES: N: 44.42752° E: 105.84920°		FLUID: Air	TOTAL DEPTH: 83'		
SURVEYED: YES		LOG BY: Schiffer	HOLE DIAMETER: 4½", 6½"		

DEPTH		DESCRIPTION OF MATERIALS (ASTM D2488)	ASTM D2487 SYMBOL	BPF ASTM D1586	SWL	TEST, SAMPLES, OR NOTES
From	To					
0	17	Silty sand and sporadic gravels; sand, fine to medium grain	SM-GP			
		Gravels predominant scoria & siltstone,				
		Gravels ABD 15-17'				
17	20.5	Sand; very fine grain, trace silt, highly Ox at 19.5'	SW			
20.5	27.5	Silt; initially Ox then reduced at 23', moderate clay	ML			
27.5	30	Lignite; damp, dark brown/black				
30	35	Carbonaceous silty sand; damp, light grey/dark brown	SM/OL			
35	60.5	Silty clay shale; dry, light grey	CL/ML			
		Very fine grain silty sand at 48-50.5', damp, light grey				
60.5	82.5	Silty sand; very fine grained, damp to wet, light grey,	SM			
		Making H ₂ O at 70' little return to 80',				
		Let sit for 5 min. & blew - making H ₂ O				
82.5	83	Silty clay shale; (drill rate & noise only, no cuttings due to H ₂ O)	CL/ML			
		@ 10 gal EC = 3,930 µs silt & very fine sand				
		pH = 8.37 su				
		T = 9.6°C				
		Let sit for 5 min. & blew again, after 5 min. well making 1-1.25 gpm				
		@ 20 gal EC = 3,830 µs silt & very fine sand				
		pH 8.50 su				
		T = 9.1°C				
		Let sit for 5 min. & blew				
		@45 gal EC = 3,760 µs cleaning up -- still some silt & very				
		fine sand				
		pH = 8.55				
		T = 9.1°C				
		*Airlifted 55+ gals - slight silt & very fine sand still present				
		SWL = 28.07' BTOC on 3/31/05 @ 08:20				

ABBREVIATIONS

SWL - Static Water Level
 ST - Shelby Tube Sample
 GS - Geochemical Sample
 O - Petroleum Odor

DBS - Disturbed Bulk Sample
 REF - Refusal
 SPT - Standard Penetration Test with
 Split Barrel Sample (ASTM D-1586)

CAL - California Tube Sample
 ZP - Ziplock Bag Sample
 LA - Laboratory Analysis
 PID - Instrument Response

Well Construction Summary

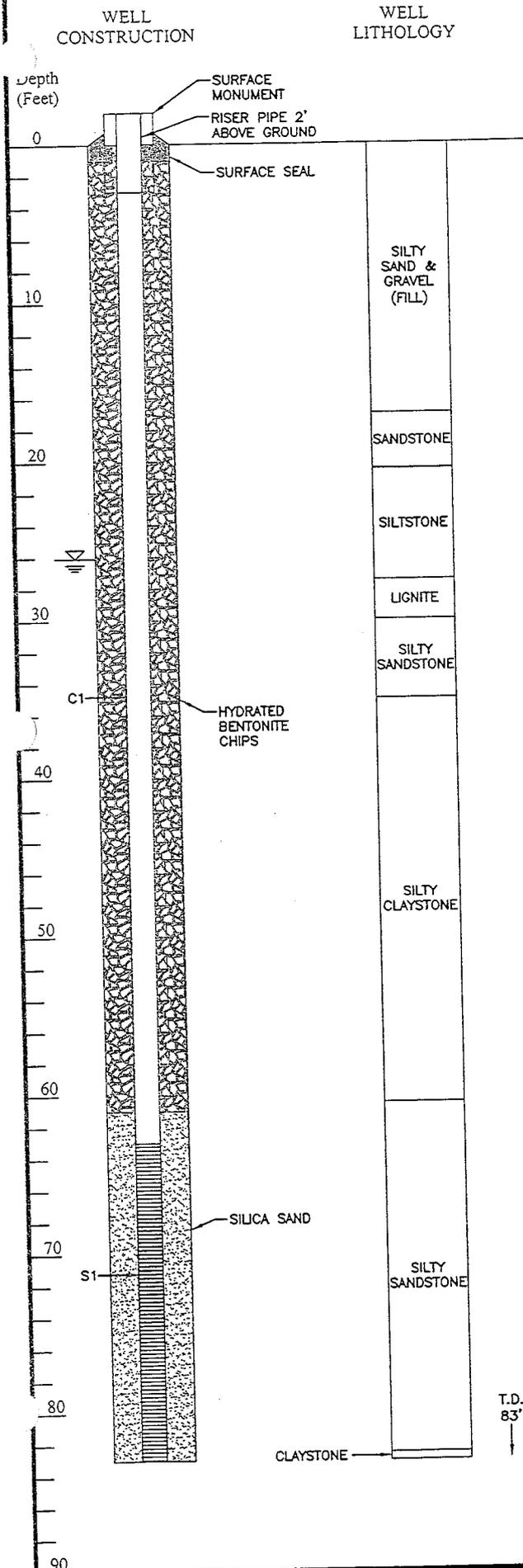
PETRO-CANADA

Project: CEDAR DRAW Well: MW2-23-1

Location: N 44.42752 E 105.84920 EL

SW/4, NW/4, Section 2 T. 51 N. R. 75 W.

Geologist: B. SCHIFFER, WY PG #3446



Drilling Summary

Total Depth: 83'

Hole Dia.: 6"

Driller: DOUGLAS EXPLORATION
COREY G.

Rig #: MI - BUGGY

Bit(s): DRAG

Fluid: AIR

Casing: 2" FL. THR. SCH 40 PVC

Well Data

Casing: C=Casing S=Screen

C1 - +2 - 63.0 | S1 - 63.0 - 83.0

Monument or Surface Casing:
4" X 5' SCH 40 PVC

Centralizer:
NONE

Casing C1:
2" SCH 40 PVC

Screen S1:
2" SCH 40 PVC - 0.020" SLOT

Filter Pack:
10/20 SILICA SAND (5 BAGS)
Depth: 83.0 - 61.0

Bentonite:
3/8" HYR. BENT. CHIPS (14 BAGS)
Depth: 61.0 - 0

Cement:
QUIK-CRETE
Depth: -

Other:

Construction Time Log

Drilling:	Start	End
<u>03-30-05</u>	<u>13:30</u>	<u>14:10</u>
_____	_____	_____
Casing:	Start	End
<u>03-30-05</u>	<u>14:10</u>	<u>16:40</u>
_____	_____	_____

Well Development

Remarks

SWL = 28.07' BTOC ON 03-31-05
© 08:20

Date: _____
Method: _____

Abandoned



Sample Analysis Report

CLIENT: Western Water Consultants
P.O. Box 3042
Sheridan, WY 82801

Date Reported: 4/18/2005
Report ID: S0504132001

Project: Prima/Cedar Draw
Lab ID: S0504132-002
Client Sample ID MW2-23-1
Matrix: Water

Work Order: S0504132
Collection Date: 4/12/2005 12:45:00 PM
Date Received: 4/12/2005 3:55:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Field						
pH	7.05	0.01		s.u.	04/12/2005 1245	Field
Conductivity	3660	0.01		µmhos/cm	04/12/2005 1245	Field
Temperature	13.3	0.1		°C	04/12/2005 1245	Field
General Parameters						
pH	8.1	0.1		s.u.	04/13/2005 2021 KA	EPA 150.1
Electrical Conductivity	3400	5		µmhos/cm	04/13/2005 2021 KA	SM 2510B
Total Dissolved Solids (180)	2900	10		mg/L	04/15/2005 852 GF	SM 2540
Solids, Total Dissolved (Calc)	2630	10		mg/L	04/15/2005 855 KA	SM 1030F
Acidity, Total (As CaCO3)	ND	5		mg/L	04/14/2005 000 KA	SM 2310B
Alkalinity, Total (As CaCO3)	355	5		mg/L	04/13/2005 2021 KA	SM 2320B
Hardness, Calcium/Magnesium (As CaCO3)	591	1		mg/L	04/15/2005 855 KA	SM 2340B
Nitrogen, Nitrite (as N)	ND	0.05		mg/L	04/14/2005 1331 RM	EPA 353.2
Sodium Adsorption Ratio	12.4	0.1			04/15/2005 855 KA	Calculation
Anions						
Alkalinity, Bicarbonate as HCO3	434	5		mg/L	04/13/2005 2021 KA	SM 2320B
Alkalinity, Carbonate as CO3	ND	5		mg/L	04/13/2005 2021 KA	SM 2320B
Alkalinity, Hydroxide as OH	ND	5		mg/L	04/13/2005 2021 KA	SM 2320B
Chloride	4	1		mg/L	04/13/2005 1348 LK	EPA 300.0
Fluoride	0.3	0.1		mg/L	04/13/2005 2021 KA	SM 4500FC
Nitrogen, Nitrate-Nitrite (as N)	ND	0.05		mg/L	04/15/2005 1421 RM	EPA 353.2
Sulfate	1510	1		mg/L	04/13/2005 1348 LK	EPA 300.0
Cations						
Calcium	157	1		mg/L	04/14/2005 837 MH	EPA 200.7
Magnesium	49	1		mg/L	04/14/2005 837 MH	EPA 200.7
Potassium	12	1		mg/L	04/14/2005 837 MH	EPA 200.7
Sodium	691	1		mg/L	04/14/2005 837 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
S Spike Recovery outside accepted recovery limits

Reviewed by: Wade Nieuwsma
Wade Nieuwsma, Project Manager

Sample Analysis Report

CLIENT: Western Water Consultants
P.O. Box 3042
Sheridan, WY 82801

Date Reported: 4/18/2005
Report ID: S0504132001

Project: Prima/Cedar Draw
Lab ID: S0504132-002
Client Sample ID MW2-23-1
Matrix: Water

Work Order: S0504132
Collection Date: 4/12/2005 12:45:00 PM
Date Received: 4/12/2005 3:55:00 PM

Analyses	Result	PQL	Qual	Units	Date Analyzed/Init	Method
Cation/Anion-Milliequivalents						
Bicarbonate as HCO3	7.10	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Carbonate as CO3	ND	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Hydroxide as OH	ND	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Chloride	0.11	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Fluoride	0.01	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Nitrate + Nitrite as N	ND	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Sulfate	31.37	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Calcium	7.84	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Magnesium	3.98	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Potassium	0.31	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Sodium	30.07	0.01		meq/L	04/15/2005 855 KA	SM 1030F
Cation / Anion Balance						
Cation Sum	42.22	0		meq/L	04/15/2005 855 KA	SM 1030F
Anion Sum	38.60	0		meq/L	04/15/2005 855 KA	SM 1030F
Cation-Anion Balance	4.47	0		%	04/15/2005 855 KA	SM 1030F
Total Metals (200.2)						
Aluminum	6.52	0.05		mg/L	04/15/2005 1107 MH	EPA 200.7
Arsenic	ND	0.005		mg/L	04/18/2005 1227 MS	EPA 200.8
Barium	0.1	0.1		mg/L	04/18/2005 1227 MS	EPA 200.8
Boron	0.14	0.03		mg/L	04/15/2005 1107 MH	EPA 200.7
Cadmium	ND	0.0001		mg/L	04/18/2005 1227 MS	EPA 200.8
Chromium	0.029	0.001		mg/L	04/15/2005 1107 MH	EPA 200.7
Copper	0.023	0.001		mg/L	04/18/2005 1227 MS	EPA 200.8
Iron	13.0	0.03		mg/L	04/15/2005 1107 MH	EPA 200.7
Lead	0.010	0.002		mg/L	04/18/2005 1227 MS	EPA 200.8
Manganese	0.53	0.01		mg/L	04/15/2005 1107 MH	EPA 200.7
Mercury	ND	0.001		mg/L	04/14/2005 1054 MS	EPA 245.1
Molybdenum	ND	0.02		mg/L	04/18/2005 1227 MS	EPA 200.8
Selenium	ND	0.005		mg/L	04/18/2005 1227 MS	EPA 200.8
Uranium	0.001	0.001		mg/L	04/18/2005 1227 MS	EPA 200.8
Vanadium	0.02	0.01		mg/L	04/18/2005 1227 MS	EPA 200.8
Zinc	0.07	0.01		mg/L	04/15/2005 1107 MH	EPA 200.7

These results apply only to the samples tested.

Qualifiers: * Value exceeds Maximum Contaminant Level
E Value above quantitation range
J Analyte detected below quantitation limits
ND Not Detected at the Reporting Limit

B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
L Analyzed by a contract laboratory
S Spike Recovery outside accepted recovery limits

Reviewed by: Karen Bach G
Wade Nieuwsma, Project Manager



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

April 17, 2007

Denise Moyer
BP America Production Company
P.O. Box 3092
Houston, TX 77079-2696

RE: 06-618, Whitney Canyon Gas Plant Class I Injection Wells
Uinta County

Dear Ms. Moyer:

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

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

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

Sincerely,

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

JAP/rm/7-0317

Enclosure: Permit

cc: BP America Production Company, Attn: Michael J. Villanova, P.O. Box 829, Evanston, WY 82930 (all enclosures)
Kevin Frederick, WDEQ

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 13

CLASS I INJECTION WELL

() New
(X) Modified

Permit Number: **06-618**
UIC Facility Number WYS-041-027
Previous Permit Number: 96-391

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 13.

Applicant: BP America Production Company
501 Westlake Park Boulevard
Houston, TX 77079-2696
(281) 366-2000

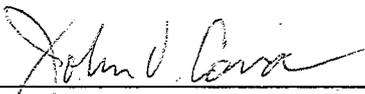
BP America Production Company, hereafter referred to as the permittee, is authorized to operate WDW-1 and WDW-2 in Sections 18, 20, Township 17 North, Range 119 West of the 6th Principal Meridian, Uinta County according to the procedures and conditions of application 06-618 and requirements and other conditions of this permit. This permit replaces permit 96-391.

This permit shall become effective on date of issuance.



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

4/3/07
Date



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

4/3/07
Date

JAP/rm/7-0262

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A. Discharge Zone

These injection wells are authorized to inject into the Nugget Formation as follows:

Table 1 (Discharge Zone)

Well Name	Perforated Intervals (injection start depth)	Perforated Intervals (injection end depth)
WDW-1	6,178	6,320
WDW-2	11,926	12,728

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

The packer (set on the bottom of the tubing) shall be set within 100 feet of the top of the authorized discharge zone for all wells.

B. Well and Area of Review

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

Township 17 North, Range 119 West, 6th Principal Meridian
Sections 18, 20

The Area of Review around these wells are legally described as:

Township 17 North, Range 119 West, 6th Principal Meridian
Section 17: W $\frac{1}{2}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NW $\frac{1}{4}$
Section 18: SE $\frac{1}{4}$, S $\frac{1}{2}$ NE $\frac{1}{4}$
Section 20: NE $\frac{1}{4}$, N $\frac{1}{2}$ SE $\frac{1}{4}$
Section 21: W $\frac{1}{2}$, NW $\frac{1}{4}$

The area of review is based on the following:

Table 2 (Area of Review Inputs for Nugget Formation)

Description	Inputs	Units
WDW-1		
Time	30	Years
Porosity	10	Percent
Maximum Injection Rate	2,880	BPD
Thickness of Receiver	144	Feet
Area of Review	1,295	Feet
Fracture Gradient	0.65	PSI/Feet

Table 3 (Area of Review Inputs for Nugget Formation)

Description	Inputs	Units
WDW-2		
Time	30	Years
Porosity	10	Percent
Maximum Injection Rate	3,520	BPD
Thickness of Receiver	568	Feet
Area of Review	961	Feet
Fracture Gradient	0.65	PSI/Feet

The area of review is determined by calculating the cone of influence, volumetric cylinder, or using a default radius of 1,320 feet, whichever is greater. The area of review for WDW-1 is 1,320 feet and the area of review for WDW-2 is 1,320 feet and assumes that the injectate moves radially outward from the points of injection.

C. Groundwater Classification

The groundwater in the Fort Union Formation is classified as Class VI according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made for the following reasons:

1. Due to excessive concentration of total dissolved solids which exceed 29,000 mg/L;
2. It is located in such a way, including depth below the surface, so as to make use economically and technologically impractical;
3. This formation has been a permitted receiver in the past. The water in this formation may be assumed to contain various dissolved contaminants injected legally through previous permits.

D. Authorized Operations

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

Table 4 (Permit Limits)

Description	Permit Limits	Units
WDW-1		
Maximum Injection Rate	2,880	BPD
Surface Tubing Injection Pressure (Maximum)	1,900	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	1,000	PSIG

Table 5 (Permit Limits)

Description	Permit Limits	Units
WDW-2		
Maximum Injection Rate	6,400	BPD
Surface Tubing Injection Pressure (Maximum)	3,800	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	1,000	PSIG

The injection pressure shall be continuously monitored and recorded on a chart recorder or digitally. The permittee shall continuously monitor the pressure on the casing annulus and tubing, and shall maintain a positive pressure on the annulus.

The permittee may conduct step injection tests to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests the permittee shall limit the injection pressure to 100 psig less than the new fracture pressure as measured on the surface.

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

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

Well workover wastes

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

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

Water and other tank bottoms

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Wyoming Water Quality Rules and Regulations, Chapter 13, Appendix A for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on

your quarterly report under the title **Water and other tank bottoms- Authorization #1997-2** rather than the name of the company generating these wastes.

Gas plant sweetening and dehydration wastes

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each company generating such wastes which are accepted under this provision. These analyses shall be accompanied by a complete description of the waste sampled including the plant name and location, and whether the waste is glycol, amine, or caustic waste. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Gas Plant Wastes – Authorization #1997-3** rather than the name of the company generating these wastes.

Miscellaneous Oilfield Related Wastes

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Miscellaneous Oilfield - Authorization# 1997-4** rather than the name of the company generating these wastes.

Regulated Underground and Above Ground Storage Tank Wastes

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

Oilfield Produced Water

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

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

Sump Wastes

Wastes known as "sump wastes" from floor drains and septic tanks at various sites. This general category includes wastes from sumps in automotive shops, gasoline stations, oilfield service industries, airports, and similar shops which perform mechanical work. This category does not include industrial process wastes from manufacturing operations or wastes from sumps in shops which do not perform mechanical work. These wastes must be characterized fully prior to disposal to insure that they are not hazardous wastes. The Water Quality Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, and a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous sump waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Please account for all such wastes on your quarterly report under the title **Miscellaneous Sump Waste - Authorization #1997-7** rather than the name of the company generating these wastes.

Bevill Amendment Wastes

The Bevill Amendment exempts most wastes generated in the mining industry from regulation under RCRA. Wastes covered by the Bevill Amendment to RCRA are detailed in 40 CFR 261.4(b)(7). This section of 40 CFR 261 sets up two (2) types of mining wastes which are exempt, beneficiation wastes and processing wastes. The two terms are almost interchangeable, except that processing usually refers to a process which produces a final end product, while beneficiation produces an intermediate product which must be further refined to be used. Once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Please account for all such wastes on your quarterly report under the title **Bevill Amendment Waste - Authorization #1997-8** rather than the name of the company generating these wastes.

Water well wastes

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

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

Miscellaneous Non-hazardous wastes

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

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

Wastes accepted under these blanket authorizations

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

Corrosion Inhibitors

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

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

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

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

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

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

Authorized Permit Waste Streams

1. Raw water treatment waste from regeneration of softeners and dealkalizers containing over 3,000 pounds per day of sodium chloride;
2. Boiler blowdown with a Total Dissolved Solids content of approximately 1,500 mg/L;
3. Condensate wash water;
4. Diethanolamine (DEA) is used to sweeten the gas stream incoming to the plant;
5. Triethylene Glycol (TEG) is used for gas dehydration and some will carry over into the injection stream;
6. Produced water from the Whitney Canyon Field, the Wasatch Gathering System, the Yellow Creek and Cave Creek Fields, the Painter Gas Complex and BP's Moxa Arch operations;
7. Plant wastewater and washdown water from the Whitney Canyon Gas Plant, the Wastach Gathering System, the Painter Gas Complex and BP's Moxa Arch operations;

8. Wastewater produced by the Whitney Canyon groundwater remediation system. This system is a pumping system which removes contaminated groundwater from the vicinity of a condensate spill in the field. This groundwater is contaminated with Benzene;
9. Non-hazardous water from the Wasatch Gathering System and all wells producing into that system. Anticipated water production from the entire Wasatch Gathering System will be approximately 2,000 BPD. This volume of water, all of which is non-hazardous under the RCRA definition contained in Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations, will be from the following sources: produced water from the Yellow Creek and Cave Creek fields, and plant wastewater from the Anschutz Corporation separation facility. The system will bring gas, condensate and water from wells owned by Anschutz Corporation to the Whitney Canyon Gas Plant for processing;
10. The permittee is authorized to dispose of other industrial wastes in either or both of these wells provided that these wastes are not hazardous waste under the RCRA definition contained in Chapter 2, Section 1(c), Wyoming Hazardous Waste Rules and Regulations. Prior to disposal of other wastes not named in this permit, the permittee shall run the proper analyses to establish that such waste is not characteristic hazardous waste and shall submit those analyses approval has been granted by the Water Quality Division. Disposal of any hazardous waste in either or both of these wells is a violation of this permit and shall be reported as required by section K of this permit;
11. Nothing in the above paragraphs is intended to preclude the operator from performing controlled acidizing jobs as may be required on these wells from time to time. The permittee need not obtain advance approval to conduct an acidizing job under this paragraph, but shall report these jobs on the first quarterly report following the job;
12. Ethylene Glycol and spent amine solutions;
13. Stormwater contaminated with hydrocarbons.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes mechanical integrity of the well, effective

performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

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

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator.

Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

Injection into a well may not begin until construction is complete.

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall prepare records of all monitoring information including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation to be retained for a period of at least three (3) years after closure of the facility.
3. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The name(s) of individual(s) who performed the sampling or measurements;
 - c. The date(s) analysis were performed;
 - d. Names of individuals who performed the analyses;

- e. The analytical techniques or methods used;
 - f. The results of such analyses.
4. No ground water monitoring program for near surface ground waters is required because of the excellent confinement of this formation.

I. Requirements for Monitoring the Discharge

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

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

The permittee shall continuously monitor the pressure of the casing/tubing annulus and shall maintain a positive pressure on the annulus. The pressure maintained shall not be less than 200 psig or more than 1,000 psig. The permittee shall continuously record the annulus pressure on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the wellhead. A high/low pressure kill switch shall also be installed on the casing/tubing annulus. This device shall be set to preclude violations of the permit for annulus pressure.

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

The permittee shall monitor the quality of the injected water on an approved schedule. The Administrator may add or delete parameters to be analyzed or change reporting frequencies. The parameters identified in **Table 6** shall be analyzed by the listed methods and reported quarterly.

Table 6 (Quarterly Sampling Schedule)

EPA Analytic Method	Parameter Analyzed	CAS Number	Proposed Permit Limit or UCL (mg/L)
SM2540	Total Dissolved Solids	None	*
376.1	Hydrogen Sulfide	7783-06-4	*
SM4500H+B	pH	None	>2 - <11 s.u.

624	1,1,1,2-Tetrachloroethane	630-20-6	*
624	1,1,1-Trichloroethane	71-55-6	*
624	1,1,2,2-Tetrachloroethane	79-34-5	*
624	1,1,2-Trichloroethane	79-00-5	*
624	1,1-Dichloroethane	75-34-3	*
624	1,1-Dichloroethene	75-35-4	*
624	1,1-Dichloropropene	563-58-6	*
624	1,2,3-Trichlorobenzene	87-61-6	*
624	1,2,3-Trichloropropane	96-18-4	*
624	1,2,4-Trichlorobenzene	120-82-1	*
624	1,2,4-Trimethylbenzene	95-63-6	*
624	1,2-Dibromo-3-chloropropane	96-12-8	*
624	1,2-Dibromoethane	106-93-4	*
624	1,2-Dichlorobenzene	95-50-1	*
624	1,2-Dichloroethane	107-06-2	*
624	1,2-Dichloropropane	78-87-5	*
624	1,3,5-Trimethylbenzene	108-67-8	*
624	1,3-Dichlorobenzene	541-73-1	*
624	1,3-Dichloropropane	142-28-9	*
624	1,4-Dichlorobenzene	106-46-7	*
624	2,2-Dichloropropane	590-20-7	*
624	2-Chloroethyl vinyl ether	110-75-8	*
624	2-Chlorotoluene	95-49-8	*
624	2-Hexanone	591-78-6	*
624	4-Chlorotoluene	106-43-4	*
624	Acetone	67-64-1	*
624	Acetonitrile	75-05-8	*
624	Acrolein	107-02-8	*
624	Acrylonitrile	107-13-1	*
624	Benzene	71-43-2	*
624	Bromobenzene	108-86-1	*
624	Bromochloromethane	74-97-5	*
624	Bromodichloromethane	75-27-4	*
624	Bromoform	75-25-2	*
624	Bromomethane	74-83-9	*
624	Carbon disulfide	75-15-0	*
624	Carbon tetrachloride	56-23-5	*
624	Chlorobenzene	108-90-7	*
624	Dibromochloromethane	124-48-1	*
624	Chloroethane	75-00-3	*
624	Chloroform	67-66-3	*
624	Chloromethane	74-87-3	*
624	cis-1,2-Dichloroethene	156-59-2	*
624	cis-1,3-Dichloropropene	10061-01-5	*

624	Dibromomethane	74-95-3	*
624	Dichlorodifluoromethane	75-71-8	*
624	Ethyl Acetate	141-78-6	*
624	Ethylbenzene	100-41-4	*
624	Hexachlorobutadiene	87-68-3	*
624	Methyl iodide	74-88-4	*
624	Isopropylbenzene	98-82-8	*
624	m+p-Xylenes	1330-20-7	*
624	2-Butanone	78-93-3	*
624	Methyl isobutyl ketone	108-10-1	*
624	Methyl tert-butyl ether (MTBE)	1634-04-4	*
624	Methylene chloride	75-09-2	*
624	n-Butylbenzene	104-51-8	*
624	n-Propylbenzene	103-65-1	*
624	Naphthalene	91-20-3	*
624	o-Xylene	95-47-6	*
624	p-Isopropyltoluene	99-87-6	*
624	sec-Butylbenzene	135-98-8	*
624	Styrene	100-42-5	*
624	tert-Butylbenzene	98-06-6	*
624	Tetrachloroethene	127-18-4	*
624	Toluene	108-88-3	*
624	trans-1,2-Dichloroethene	156-60-5	*
624	trans-1,3-Dichloropropene	10061-02-6	*
624	Trichloroethene	79-01-6	*
624	Trichlorofluoromethane	75-69-4	*
624	Vinyl acetate	108-05-4	*
624	Vinyl chloride	75-01-4	*
624	1,2-Dichloroethene (Total)	540-59-0	*
624	BETX, Total	BETX	*
624	Xylenes, Total	1330-20-7	*

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

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

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year.

All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.
2. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
4. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.
5. Monitoring results shall be reported at intervals specified in Section D and/or Section I of this permit.
6. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.
7. The permittee shall report any noncompliance which may endanger health or the environment, orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.
 - c. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including

exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.

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

- d. The maximum and minimum annulus pressure for each month of the quarter.
 - e. Any permit exceedences within the quarter.
 - f. Any tests run during the quarter. This includes but is not limited to the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
 - g. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than thirty (30) days after the end of each calendar quarter.
13. The annual report of operations on this well shall include the following additional information:
- a. A graphical representation of the injection pressure and volume for the previous five year's operation. This graph shall have the dates of the year on the abscisa and the pressure and volume as the ordinate.
 - b. Graphical representations of the quality of the injected water overtime. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.
 - c. Analytical results required by Section I of this permit.
14. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the Administrator within thirty (30) days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

L. Permit Actions

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

It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

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

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

M. Mechanical Integrity

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

Part I of the mechanical integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. Prior to injection and at least once every five (5) years, and more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 1,000 psig. A successful test shall show that there has been less than 10% pressure loss after fifteen (15) minutes at 1,000 psig.

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

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

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

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

N. Plugging and Abandonment

The permittee shall notify the Administrator at such times as the permit requires before conversion or abandonment of the well. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedure prescribed by the director for plugging and abandonment or the discontinuance of related activities:

The well plugging and abandonment procedures shall follow Attachments F (WDW-1) and G (WDW-2) of the permit application dated December 12, 2006.

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

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

O. Duties of the Permittee

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

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

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

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

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

P. Financial Responsibility

The permittee is required to maintain financial responsibility and resources in a form approved by the director, to close, plug and abandon the discharge operation, and reclaim the surface facilities in a manner prescribed by the director. A Bond from Liberty Mutual Insurance Company (#285027393) in the amount of Three Hundred Eighty-Five Thousand Dollars (\$385,000) has been accepted as the reclamation performance bond. This bond or a replacement financial instrument shall be maintained as long these wells are covered under this permit.

Q. Special Permit Conditions

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

R. Signatories Requirement

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

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

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

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

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

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

or

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

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

3. The written authorization is submitted to the Administrator.

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

S. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 13 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

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

T. Permit Transfer

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

The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

U. Property Rights

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

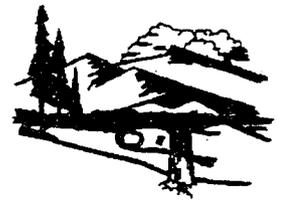
V. Severability

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

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



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

September 20, 2007

Shell Rocky Mountain Production LLC
Attn: Colin Carrier
P.O. Box 1666
Pinedale, WY 82941

RE: Shell Rocky Mountain Production Inc.
Final Permit UIC 06-619, Class I
Sublette County, Wyoming

Dear Mr. Carrier:

Attached please find one copy of the Class I permit. This permit requires reporting on a quarterly basis within 45 days of the end of each calendar quarter, an annual report including a pressure falloff report at the end of each year, and a mechanical integrity test once every five (5) years. Both the permit and the report forms show the required tests that must be performed. The report forms can be obtained and filled out using our on-line webform (Monitor Reports Link), or one may have the lab submit them using EQUIS Electronic Data Deliverable (EDD) at the following site: <https://gem.trihydro.com>. One must obtain a username and password to use the system.

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 jpassel@state.wy.us

Sincerely,

John A. Passehl, P.G.
UIC Geological Supervisor
Water Quality Division
JAP/cs/7/0228

Enclosures: Permit 06-619

cc: Bonnie Percy, P.E., Gene R. George & Associates, Inc., P.O. Box 2775, Casper, WY 82602
James Sewell, Shell Exploration and Production Company, 4582 S. Ulster Street Parkway, Suite 500, Denver, CO 80237
Kevin Frederick, WDEQ

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY
UNDERGROUND INJECTION CONTROL PERMIT ISSUED UNDER
WYOMING WATER QUALITY RULES AND REGULATIONS
CHAPTER 13

CLASS I INJECTION WELL

() New
(X) Modified

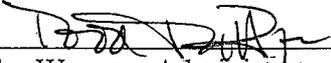
Permit Number: 06-619
UIC Facility Number WYS-035-002
Previous Permit Number: 03-417

In compliance with the Wyoming Environmental Quality act (W.S. 35-11-101 through 1104, specifically 301(a)(i) through 301 (a)(iv), Laws 1973, Ch. 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 13.

Applicant: Shell Rocky Mountain Production, Inc.
4582 S. Ulster Street Parkway, Suite 500
Denver, CO 80237
(303) 305-7591

Shell Rocky Mountain Production, Inc., hereafter referred to as the permittee, is authorized to operate **B5A-35, B90-26, Govt 3-35, B92-35, B93-35** in Sections 26, 35, Township 29 North, Range 113 West of the 6th Principal Meridian, Sublette County according to the procedures and conditions of application 06-619 and requirements and other conditions of this permit. This permit replaces permit 03-417.

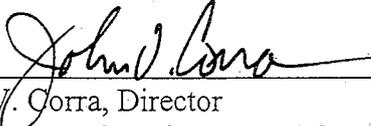
This permit shall become effective on date of issuance.



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

9/20/07

Date



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

9/20/07

Date

JAP/cs/7-0824

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A. Discharge Zone

These injection wells are authorized to inject into the Almy "Ka" and "La" members of the Fort Union Formation as follows:

Table 1 (Discharge Zone)

Well Name	Perforated Intervals (injection start depth)	Perforated Intervals (injection end depth)
B5A-35	1,228	1,284
B90-26	1,528	1,588
Govt 3-35	1,430	1,498
B92-35	1,298	1,582
B93-35	1,118	1,374

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

The packer (set on the bottom of the tubing) shall be set within 100 feet of the top of the authorized discharge zone for all wells.

B. Well and Area of Review

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

Township 29 North, Range 113 West, 6th Principal Meridian
Sections 26, 35

The Area of Review around these wells are legally described as:

Township 29 North, Range 113 West, 6th Principal Meridian
Section 26: W $\frac{1}{2}$ SE $\frac{1}{4}$, S $\frac{1}{2}$ SW $\frac{1}{4}$, NE $\frac{1}{4}$ SW $\frac{1}{4}$
Section 35: NE $\frac{1}{4}$, SE $\frac{1}{4}$, NW $\frac{1}{4}$, E $\frac{1}{2}$ SW $\frac{1}{4}$

Township 28 North, Range 113 West, 6th Principal Meridian
Section 3: NW $\frac{1}{4}$ NW $\frac{1}{4}$
Section 4: NE $\frac{1}{4}$ NE $\frac{1}{4}$

The area of review is based on the following:

Table 2 (Area of Review Inputs for Fort Union Formation)

Description	Inputs	Units
Time	30	Years
Porosity	28	Percent
Maximum Injection Rate (B5A-35)	3,000	BPD
Maximum Injection Rate (B90-26, Govt 3-	4,000	BPD

35, B92-35, B93-35)		
Thickness of Receiver	48-97	Feet
Area of Review	1,344	Feet
Fracture Gradient	1.06-1.11	PSI/Feet

The area of review is determined by calculating the cone of influence, volumetric cylinder, or using a default radius of 1,320 feet, whichever is greater. The area of review is calculated to be 1,344 feet and assumes that the injectate moves radially outward from the points of injection.

C. Groundwater Classification

The groundwater in the Fort Union Formation is classified as Class VI according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification was made for the following reasons:

1. This formation contains waters which exceed 5,100 mg/L Total Dissolved Solids.
2. This formation has produced hydrocarbons in the past. The water in this formation may be assumed to contain high levels of dissolved hydrocarbons.
3. This formation has been a permitted receiver in the past. The water in this formation may be assumed to contain various dissolved contaminants injected legally through previous permits.

D. Authorized Operations

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

Table 3 (Permit Limits)

Description	Permit Limits	Units
Maximum Injection Rate (B5A-35)	3,000	BPD
Maximum Injection Rate (B90-26, Govt 3-35, B92-35, B93-35)	4,000	BPD
Surface Tubing Injection Pressure (Maximum)	823	PSIG
Annulus Pressure (Minimum)	200	PSIG
Annulus Pressure (Maximum)	800	PSIG

The injection pressure shall be continuously monitored and recorded on a chart recorder or digitally. The permittee shall continuously monitor the pressure on the casing/tubing annulus and shall maintain a positive pressure on the annulus.

The permittee may conduct step injection tests to determine changes in the fracture pressure as the injection continues. After acceptance by the Administrator of these tests the permittee shall

limit the injection pressure to 100 psig less than the new fracture pressure as measured on the surface.

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

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

Well workover wastes

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

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

Water and other tank bottoms

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Wyoming Water Quality Rules and Regulations, Chapter 13, Appendix A for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Water and other tank bottoms- Authorization #1997-2** rather than the name of the company generating these wastes.

Gas plant sweetening and dehydration wastes

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each company generating such wastes which are accepted under this provision. These analyses shall be accompanied by a complete description of the waste sampled including the plant name and location, and whether the waste is glycol, amine, or caustic waste. No additional prior approval is required in order to accept these wastes. Please account for all

such wastes on your quarterly report under the title **Gas Plant Wastes – Authorization #1997-3** rather than the name of the company generating these wastes.

Miscellaneous Oilfield Related Wastes

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

At least once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations, for each source of waste accepted under this provision. No additional prior approval is required in order to accept these wastes. Please account for all such wastes on your quarterly report under the title **Miscellaneous Oilfield - Authorization# 1997-4** rather than the name of the company generating these wastes.

Regulated Underground and Above Ground Storage Tank Wastes

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

Oilfield Produced Water

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

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

Sump Wastes

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

which do not perform mechanical work. These wastes must be characterized fully prior to disposal to insure that they are not hazardous wastes. The Water Quality Division will issue a letter of approval for each new source of waste under this category prior to permittee accepting the first lot of waste. In order to obtain such an approval letter, permittee shall submit a complete written description of the waste, including the name of the company generating the waste, the address or legal description of the location where the waste was produced, a description of the processes that produced the waste, and a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Based on this information, the Water Quality Division may issue an approval letter for the disposal of non-hazardous sump waste for a duration of no more than three (3) years.

In order to renew a previously approved source, once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Please account for all such wastes on your quarterly report under the title **Miscellaneous Sump Waste – Authorization #1997-7** rather than the name of the company generating these wastes.

Bevill Amendment Wastes

The Bevill Amendment exempts most wastes generated in the mining industry from regulation under RCRA. Wastes covered by the Bevill Amendment to RCRA are detailed in 40 CFR 261.4(b)(7). This section of 40 CFR 261 sets up two (2) types of mining wastes which are exempt, beneficiation wastes and processing wastes. The two terms are almost interchangeable, except that processing usually refers to a process which produces a final end product, while beneficiation produces an intermediate product which must be further refined to be used. Once every three (3) years, permittee shall obtain a comprehensive water analyses including all parameters except PCB's found in Appendix A, Chapter 13, Water Quality Division Rules and Regulations. Please account for all such wastes on your quarterly report under the title **Bevill Amendment Waste – Authorization #1997-8** rather than the name of the company generating these wastes.

Water well wastes

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

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

Miscellaneous Non-hazardous wastes

In addition to the authorizations contained in this permit, permittee may still obtain additional

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

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

Wastes accepted under these blanket authorizations

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

Corrosion Inhibitors

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

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

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

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

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

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

E. Hazardous Waste

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

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit.

The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes mechanical integrity of the well, effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit.

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

The permittee is required to operate in accordance with statements, representations and procedures presented in the complete permit application and supporting documents as accepted and approved by the Administrator.

Any modifications which will result in a violation of permit conditions shall be reported by submission of a new or amended permit application and shall not be implemented until a new or modified permit has been issued.

Injection into a well may not begin until construction is complete.

G. Entry and Inspection

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

reports and records required by this permit, collect fluid samples for analysis, measure and record water levels, and perform any other function authorized by law or regulation.

H. Environmental Monitoring Program for Groundwaters of the State

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

I. Requirements for Monitoring the Discharge

The permittee shall monitor the injection pressure continuously and record readings on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the well or in the injection plant. A pressure control valve (choke) system shall be installed to reroute all or a portion of the injection stream to other wells or facilities if the maximum injection rate or pressure is reached. The pressure control valve system will be designed to preclude violations of the maximum injection pressure and injection rate. A high pressure kill switch shall be installed on the injection tubing. This device may be set to preclude violations of the maximum injection pressure.

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

The permittee shall continuously monitor the pressure of the casing/tubing annulus and shall maintain a positive pressure on the annulus. The pressure maintained shall not be less than 200 psig or more than 800 psig. The permittee shall continuously record the annulus pressure on a strip chart recorder, a circular chart recorder, or digitally with the pressure transducer on the wellhead.

The permittee shall shut-in the well(s) covered by this permit annually for a period of time long enough to observe a valid pressure falloff curve. This test shall be considered complete when the pressure curve becomes asymptotic to a straight line with an anticipated shut-in time of three (3) to seven (7) days. This test shall be analyzed by the permittee using either the Miller Dyes Hutchinson (MDH) method, Horner Method, the Log-Log type curve method, or a combination of the three (3) methods. In either case, graphs of the test shall be submitted to include a semi-log plot (the MDH or Horner Plot) and a Log-Log plot after injection. From these plots, the transmissivity md-ft/cp, the permeability in md, and the dimensionless skin factor shall be calculated and submitted to the Water Quality Division with the next quarterly report after the test is done. As written in the existing permit – due to the close proximity between the injection wells and the sharing of the same injection formation by each well, pressure falloff curves shall be required from only one (1) well per year so that each well is tested once every five (5) years.

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

Table 4 (Quarterly Sampling Schedule)

EPA Analytic Method	Parameter Analyzed	CAS Number	Proposed Permit Limit or UCL (mg/L)
SM2540	Total Dissolved Solids	None	None
376.1	Hydrogen Sulfide	7783-06-4	None
SM4500H+B	pH	None	>2 - <11 s.u.
624	1,1,1,2-Tetrachloroethane	630-20-6	*
624	1,1,1-Trichloroethane	71-55-6	*
624	1,1,2,2-Tetrachloroethane	79-34-5	*
624	1,1,2-Trichloroethane	79-00-5	*
624	1,1-Dichloroethane	75-34-3	*
624	1,1-Dichloroethene	75-35-4	*
624	1,1-Dichloropropene	563-58-6	*
624	1,2,3-Trichlorobenzene	87-61-6	*
624	1,2,3-Trichloropropane	96-18-4	*
624	1,2,4-Trichlorobenzene	120-82-1	*
624	1,2,4-Trimethylbenzene	95-63-6	*
624	1,2-Dibromo-3-chloropropane	96-12-8	*
624	1,2-Dibromoethane	106-93-4	*
624	1,2-Dichlorobenzene	95-50-1	*
624	1,2-Dichloroethane	107-06-2	*

624	1,2-Dichloropropane	78-87-5	*
624	1,3,5-Trimethylbenzene	108-67-8	*
624	1,3-Dichlorobenzene	541-73-1	*
624	1,3-Dichloropropane	142-28-9	*
624	1,4-Dichlorobenzene	106-46-7	*
624	2,2-Dichloropropane	590-20-7	*
624	2-Chloroethyl vinyl ether	110-75-8	*
624	2-Chlorotoluene	95-49-8	*
624	2-Hexanone	591-78-6	*
624	4-Chlorotoluene	106-43-4	*
624	Acetone	67-64-1	*
624	Acetonitrile	75-05-8	*
624	Acrolein	107-02-8	*
624	Acrylonitrile	107-13-1	*
624	Benzene	71-43-2	*
624	Bromobenzene	108-86-1	*
624	Bromochloromethane	74-97-5	*
624	Bromodichloromethane	75-27-4	*
624	Bromoform	75-25-2	*
624	Bromomethane	74-83-9	*
624	Carbon disulfide	75-15-0	*
624	Carbon tetrachloride	56-23-5	*
624	Chlorobenzene	108-90-7	*
624	Chlorodibromomethane	124-48-1	*
624	Chloroethane	75-00-3	*
624	Chloroform	67-66-3	*
624	Chloromethane	74-87-3	*
624	cis-1,2-Dichloroethene	156-59-2	*
624	cis-1,3-Dichloropropene	10061-01-5	*
624	Dibromomethane	74-95-3	*
624	Dichlorodifluoromethane	75-71-8	*
624	Ethyl Acetate	141-78-6	*
624	Ethylbenzene	100-41-4	*
624	Hexachlorobutadiene	87-68-3	*
624	Iodomethane	74-88-4	*
624	Isopropylbenzene	98-82-8	*
624	m+p-Xylenes	1330-20-7	*
624	Methyl ethyl ketone	78-93-3	*
624	Methyl isobutyl ketone	108-10-1	*
624	Methyl tert-butyl ether (MTBE)	1634-04-4	*
624	Methylene chloride	75-09-2	*
624	n-Butylbenzene	104-51-8	*
624	n-Propylbenzene	103-65-1	*
624	Naphthalene	91-20-3	*

624	o-Xylene	95-47-6	*
624	p-Isopropyltoluene	99-87-6	*
624	sec-Butylbenzene	135-98-8	*
624	Styrene	100-42-5	*
624	tert-Butylbenzene	98-06-6	*
624	Tetrachloroethene	127-18-4	*
624	Toluene	108-88-3	*
624	trans-1,2-Dichloroethene	156-60-5	*
624	trans-1,3-Dichloropropene	10061-02-6	*
624	Trichloroethene	79-01-6	*
624	Trichlorofluoromethane	75-69-4	*
624	Vinyl acetate	108-05-4	*
624	Vinyl chloride	75-01-4	*
624	1,2-Dichloroethene (Total)	540-59-0	*
624	BETX, Total	BETX	*
624	Xylenes, Total	1330-20-7	*

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

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

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All samples taken shall include a trip blank of distilled water for each sampling date and a duplicate sample at least once per year.

All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

K. Records and Reports

1. The permittee shall retain copies of all reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least 3 years from the date of the report or application.

2. The permittee shall give notice to the Administrator as soon as possible of any planned physical alterations or additions to the permitted facility.
3. The permittee shall give advance notice to the Administrator of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
4. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
5. Monitoring results shall be reported at intervals specified in Section D and/or Section I of this permit.
6. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than fourteen (14) days following each schedule date.
7. The permittee shall report any noncompliance which may endanger health or the environment, orally within twenty-four (24) hours from the time the permittee becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state.
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable groundwaters of the state.
 - c. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue, and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
8. The permittee shall report all instances of noncompliance not reported otherwise at the time monitoring reports are submitted.
9. Where the permittee becomes aware that it failed to submit any relevant acts in a permit application, or submitted incorrect information in a permit application or in any report to the Administrator, it shall promptly submit such facts or information.
10. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The Administrator may require the owner/operator to deliver the records to the Administrator at the conclusion of the retention period.

11. A subsurface discharge (injection) well may not commence subsurface discharge (injection) until, following public notice and an opportunity for hearing, a groundwater pollution control permit has been issued by the department for the proposed operation, and:
 - a. Well construction is complete and the permittee has submitted notice of completion of construction to the Administrator, and
 - b. The Administrator has inspected or otherwise reviewed the subsurface discharge (injection) well and finds it in compliance with the conditions of the permit; or the permittee has not received notice from the Administrator of intent to inspect or otherwise review the facility within fourteen (14) days of the well completion notice (above) in which case prior inspection or review is waived, and
 - c. Well mechanical integrity testing has been proven or demonstrated to the satisfaction of the Administrator.
12. The quarterly report of operations for this well shall include the following information:
 - a. The minimum, average and maximum daily injection rate for each month of the quarter. The page showing the maximum injection rate shall also show the maximum permitted injection rate for comparison.
 - b. The minimum, average, and maximum daily injection pressure for each month of the quarter. The page showing the maximum injection pressure shall also show the maximum permitted injection pressure for comparison.
 - c. The total injection volume in barrels for each month of the quarter, the total for the quarter, the total cumulative injected to date.
 - d. The maximum and minimum annulus pressure for each month of the quarter.
 - e. Any permit exceedences within the quarter.
 - f. Any tests run during the quarter. This includes but is not limited to the results on any Mechanical Integrity Tests, Pressure Falloff Tests, Step Injection Tests, or any well workovers.
 - g. Quarterly reports are due in the Cheyenne office of the Water Quality Division no later than thirty (30) days after the end of each calendar quarter.
13. The annual report of operations on this well shall include the following additional information:

a. A graphical representation of the average monthly injection pressure and the monthly volume for the previous five year's operation. This graph shall have the dates of the year on the abscissa and the pressure and volume as the ordinate.

b. Graphical representations of the quality of the injected water overtime. These graphs shall show the injected quality for the previous five year's operation and shall be prepared on appropriate scales to show the variation.

c. Analytical results required by Section I of this permit.

14. A comprehensive report for an aborted or curtailed operation authorized by this permit shall be submitted to the Administrator within thirty (30) days of complete termination of the injection (discharge) or associated activity, in lieu of an annual report.

L. Permit Actions

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

It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

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

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

M. Mechanical Integrity

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

Part I of the mechanical integrity test shall demonstrate the absence of leaks through the packer, tubing, casing, and wellhead. Prior to injection and at least once every five (5) years, and more frequently if required by the Administrator, the casing tubing annulus of each of these wells shall be pressure tested to 1,000 psig. A successful test shall show that there has been less than 10% pressure loss after fifteen (15) minutes at 1,000 psig.

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

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

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

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

N. Plugging and Abandonment

The permittee shall notify the administrator at such times as the permit requires before conversion or abandonment of the well. Immediately following the permanent cessation of subsurface discharge or related activity, or where a well has not been completed, the applicant/permittee shall notify the director and follow the procedure prescribed by the director for plugging and abandonment or the discontinuance of related activities:

The following abandonment procedure shall be followed for the wells covered by this permit:

A squeeze cementing operation shall be run with the cement retainer set within 100 feet of the top perforations in each well. This cementing operation shall consist of pumping 35 sacks of

50/50 pozmix cement with 2% gel. After stringing out of the retainer, an additional 25 sacks of 50/50 pozmix cement with 2% gel shall be placed in the casing as the tubing is withdrawn. Following this operation, the top 250 feet of the hole shall be filled with cement as above and a standard dry hole marker shall be installed on the surface and welded or bolted to the long string.

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

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

O. Duties of the Permittee

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

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

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

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

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

P. Financial Responsibility

The permittee is required to maintain financial responsibility and resources in a form approved by the director, to close, plug and abandon the discharge operation, and reclaim the surface facilities in a manner prescribed by the director. A Bond from Liberty Mutual Insurance Company (#022-014-199) in the amount of Ninety-Two Thousand Nine Hundred Dollars (\$92,900) has been accepted as the reclamation performance bond. This bond or a replacement financial instrument shall be maintained as long these wells are covered under this permit.

Q. Special Permit Conditions

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

R. Signatories Requirement

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

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

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

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

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

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

or

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

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

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

S. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 13 and is grounds for enforcement action, permit termination, revocation, or modification. Conformed noncompliance resulting in an excursion shall be reported to the Administrator orally within twenty-four (24) hours, and a written submission shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written report shall contain the sections specified in Section K of this permit. Any permit noncompliance constitutes a violation of this permit.

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

T. Permit Transfer

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

The permittee is alone responsible for the operation of the facility covered by this permit. Sale of the facility and subsequent operation of this facility by another is a violation of this permit unless a transfer of this permit has first been accomplished.

U. Property Rights

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

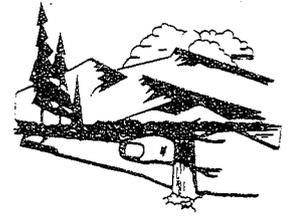
V. Severability

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

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



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 11, 2006

Elizabeth Brown
Box 1843
Saratoga, WY 82331

RE: Brown Small Wastewater Permit No. **06-620**
SE Section 28 Township 16 North, Range 81 West in Carbon County

Dear Ms. Brown,

The referenced application for coverage under a General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a four bedroom house, in accordance with Chapter 3 Section 9 of the Wyoming Water Quality Rules and Regulations (WWQRR), has been reviewed and approved.

You are authorized to construct and install the small wastewater system in accordance with Chapter 11, Part D of the WWQRR, the General Permit and the materials submitted in your application package.

The following project specific condition applies to your permit: Either a 6 inch diameter clean-out riser or the manway from each compartment of the tank must be extended to the ground surface.

Please note the reporting requirements outlined in Part V, Section O of the General Permit. The approval granted under this Notification Of Coverage and the General Permit shall expire on October 11, 2007.

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

Yours truly,

Don McKenzie, P.E.
Program Manager
Water & Wastewater Section, Water Quality Division

DRM/rm/6-0936

Enclosures: General Permit & Certificate of Completion Form
xc: IPS, Cheyenne
Kent Smith, P O Box 684, Saratoga, WY 82331 w/o enclosures
Carbon County Planner, Kristy Rowan, P O Box 487, Rawlins, WY 82301

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

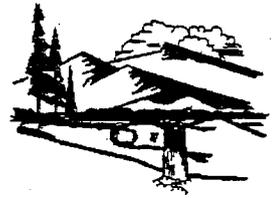
WATER QUALITY
(307) 777-7781
FAX 777-5973





Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 25, 2006

Landis Benson, General Partner
Washakie Developers Limited Partnership
744 Big Horn Ave.
Worland, WY 82401

RE: Bower Addition - Aspen Meadow Condominiums Sewer Mains, Permit Number:
06-621, Section 19, T47N, R92W, Washakie County

Dear Mr. Benson:

DEQ understands that project modifies the sewer configuration from a previous permitted project (92-154R) by adding a new sewer main that consists of 275 linear feet of 8-inch sewer line, one manhole, and ten sewer service connections. The above application for coverage under General Permit to install a new sewer line, extension of a sewage collection system, has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

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

Sincerely,

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

Xc: Stanton Abell, Jr., PE. Grosch Construction, Inc., P.O. Box 36, Worland, WY 82401
Gene Cliame, City of Worland, P.O. Box 226, Worland, WY 82401
IPS, Cheyenne

encl: General Permit an Existing Sewage Collection System

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

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

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

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

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

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

October 30, 2006

Mr. Richard Allen, Project Engineer
Trihydro Corporation
1252 Commerce Drive
Laramie WY 82070

Subject: Second Replat of a Portion of Lot 9, South Knoll Subdivision
Subdivision Application 06-622 Albany County

Dear Mr. Allen:

The Second Replat of a Portion of Lot 9, South Knoll Subdivision Application 06-622 is being returned without any action taken. In accordance with Water Quality Division Chapter 23, Section 4(b), this application is being returned without further review. The stamps and signatures of the professional engineer and geologist do not appear anywhere in the documentation.

When resubmitting the material please complete the Water Quality Division Application form, to include signatures of the current real estate owners and the developer's responsible officer. The application form is available at
http://deq.state.wy.us/wqd/www/Permitting/Forms/Permitting_Forms/Application.xls
or
http://deq.state.wy.us/wqd/www/Permitting/Downloads/App_Form_7-21-06.pdf

Sincerely:

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

LBH/rm/6-1021

cc: Albany County Commissioners
525 Grand Avenue
Laramie, WY 82070

Director, Albany County Planning Office, 1002 South 3rd, Laramie, WY 82070

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

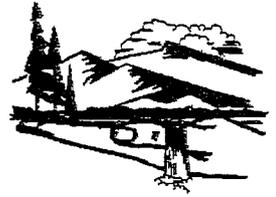
SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 13, 2006

Larry Klass
86 Foothills Boulevard
Rock Springs, WY 82901

RE: Rock Springs KOA Campground Expansion - Water and Sewer Main Extensions - Permit Number 06-624, NE 1/4 Section 6, T18N, R105W, Sweetwater County
PWS#WY5600050

Dear Mr. Klass:

The above application for coverage under General Permits to Construct water and sewer main extensions of a 3-inch PVC water main and a 8-inch PVC sewer main to serve 30 proposed residential campground lots in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

As a condition of approval please note the minimum requirement described in Chapter 12 section 14(i) describing required installation of dual-check back flow prevention at each RV water service connection.

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

Sincerely,

Perry Roberson
Environmental Senior Analyst
Water Quality Division

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

xc: IPS, Cheyenne

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



ROAD APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 06-625
SPECIAL CONDITIONS
REF/PERMIT

This permit hereby authorizes the applicant:

BILL BARRETT CORPORATION
1901 ENERGY COURT, SUITE 170
GILLETTE, WY 82718

to road apply a total of 32,500 barrels of wash water generated during the cleaning out of CBM wells according to the procedures and conditions of application number 06-625. The application site is located in Sections 7, 8, 16 through 21, and 28 through 33, Township 48 North, Range 78 West in the county of Johnson, in the State of Wyoming. This permit shall be effective until December 1, 2006.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

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

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

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

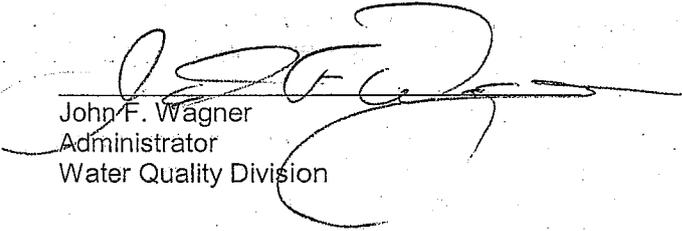
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 North Durbin Street, Suite 100, Casper, WY 82601, telephone (307) 473-3452; FAX (307) 473-3458.
- 2 of 8 The permittee shall provide immediate oral and/or written notice to the Casper WDEQ Field Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.

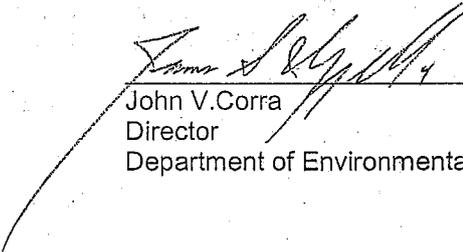
- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received wash water generated during the cleaning out of CBM wells.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 8 The wash water generated during the cleaning out of CBM wells shall be applied uniformly and incorporated into the road bed.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 The application of wash water generated during the cleaning out of CBM wells shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the wash water generated during the cleaning out of CBM wells. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division

9-20-06
Date of Issuance



John V. Corra
Director
Department of Environmental Quality

JDL/kjm/rm/6-0863
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 06-625

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

District Policy 10.2 (10/17/86)

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

NA

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the wash water generated during the cleaning out of CBM wells.

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

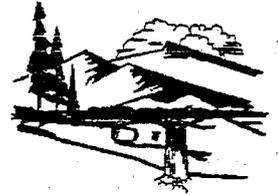
A. The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, CBM Program Manager and Kim Medina, Senior Environmental Analyst and completed on September 12, 2006. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

December 14, 2007

Larry Bently
1091 Mud Creek
Thermopolis

RE: Bently Residential Small Wastewater Treatment Facility, Permit Number: 06-626,
Section 22, T8N, R4W, Hot Springs County

Dear Mr. Bently:

On December 14, 2007 DEQ received the information to complete your application. This project involves the installation of a septic tank and leachfield system to serve a two bedroom residence. The above application for coverage under General Permit to construct a gravity flow septic tank and leachfield has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations and is hereby approved.

A copy of your application will be sent to Lee Campbell, Hot Springs County Planner, in order for the County to have a record drawing of your septic tank and leachfield system. If you have any questions, please contact James Brough at 307-335-6961.

Sincerely,

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

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 11, 2006

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

RE: Goodwater Addition Water and Sewer Extensions, Application No.06-627, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 1500 feet of 8" diameter PVC water and sewer line extensions to serve a 20 lot subdivision, NW 1/4 Section 26 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by September 15, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-627 in any future correspondence.

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

Sincerely,

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

LBH/rm/6-0837

cc: IPS, Cheyenne
Lawrence Gallagher, Summit Engineering, LLC
5907 Townsend Place
Cheyenne WY 82009



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-628

REFERENCE PERMIT NO. 01-483

Meadowlark, Lodgepole, and Esperanza Sewer Line Extensions

This permit hereby authorizes the applicant:

Champ, LLC
515 Albin Street
Albin, WY, 82050

to construct, install or modify a extend sewer lines to 5 additional buildings at 3 swine facilities and modify the inlet piping with the addition of an aspirating aerator for mixing at the lagoon at the Lodgepole Site according to the procedures and conditions of the application number 06-628. The facility is located in Lot 2 Sec. 35, Lot 4 Sec. 26, SE 1/4 Sec. 33 T17N R60W in the county of Laramie, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 15, 2008.

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

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

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

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

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

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

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

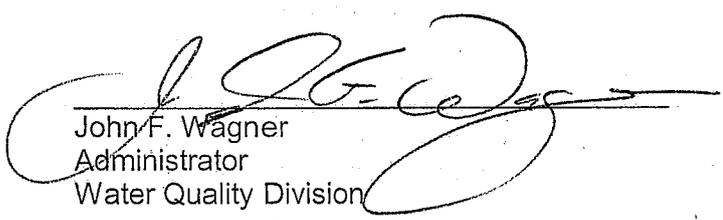
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

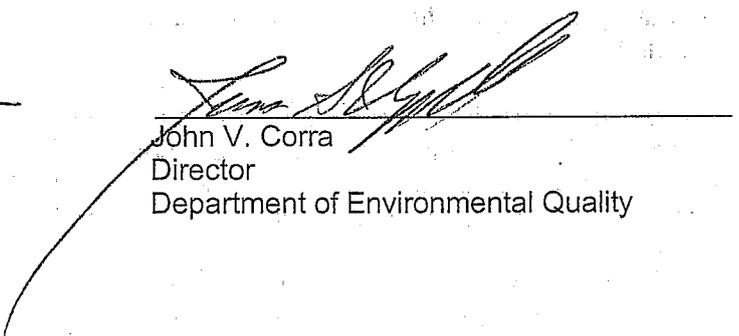
- 1 of 3 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations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

- 2 of 3 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 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

September 12, 2006
Date of Issuance

LBH/rm/6-0832
JRE 9/11/6

STATEMENT OF BASIS

1. Permit Number: 06-628
2. Application reviewed for compliance with the following applicable regulations :
Chapter(s) 3, 11, 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Sewerage systems are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

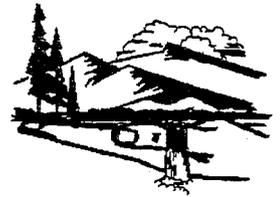
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon PE-PG, Southeast District Engineer, lharmon@state.wy.us, and completed on September 8, 2006. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 22, 2006

Carter Higley, Project Representative
Aspen Stand, LLC
P.O. Box 1012
Wilson, WY 83014

RE: Aspen Stand Planned Unit Development's Water and Sewer Lines, Permit Number: 06-629, Section 34, T41N, R116W, Teton County

Dear Mr. Higley:

The above application for coverage under General Permit to install 163 linear feet of 4-inch water line and 198 linear feet of 6-inch sewer line to serve ten domestic connections has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

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

Sincerely,

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

xc: Amy Ramage, P.E., Valley West Engineering, P.O. Box 4852, Jackson, WY 83001
Shawn O'Malley, Town of Jackson, P.O. Box 1687, Jackson, WY 83001,
IPS, Cheyenne

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

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

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

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

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

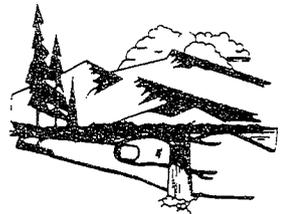
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 9, 2006

Bradley D. Morehouse
PO Box 1662
Afton, Wyoming 83110

RE: Estates at Valli Vu Sewer Project, Application No. 06-630

Dear Mr. Morehouse:

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 31, 2008. Please reference Application Number 06-630 in any future correspondence.

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

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0919

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

cc: IPS, Cheyenne
Gregg Wilkes, Town Administrator, Town of Afton, Afton, Wyoming 83110

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

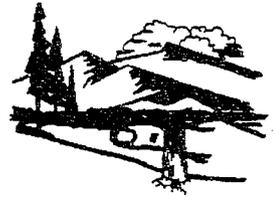
SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 11, 2006

Mr. Robert Juve, City Engineer
City of Torrington
2017 East A Street
Torrington, WY 82240

RE: EWC Fire Hydrant Relocation, Application No.06-631,Goshen County

Dear Mr. Juve:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems described as relocation of one fire hydrant, SE 1/4 Section 4 T24N R61W; Goshen County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by September 15, 2008.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-631 in any future correspondence.

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

Sincerely,

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

LBH/rm/6-0838

cc: IPS, Cheyenne

Robert Juve, City of Torrington
2017 East A Street
Torrington WY 82240

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 20, 2006

Cameron Gunter
The Ridge Investment Properties, LLC
One East Center Street, Suite 300
Provo, Utah 84606

RE: The Ridge Condominiums - Water and Sewer Main Extensions - Permit Number 06-632,
SE 1/4 NE1/4 Section 34, T18N, R107W, Sweetwater County, Wyoming
PWS: WY5600050

Dear Mr. Gunter:

The above application for coverage under General Permits to Construct water and sewer main extensions of a 10-inch PVC water main and an 8-inch PVC sewer main to serve phase 1 of a proposed subdivision consisting of 4 twin homes, 24 condominiums, and 17 townhouses 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
Environmental Senior Analyst
Water Quality Division

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

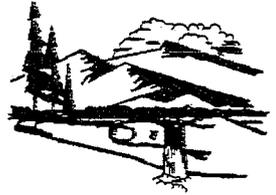
xc: IPS, Cheyenne

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 16, 2006

Larry Lloyd
Sweetwater County Events Complex
3320 Yellowstone Road
Rock Springs, WY 82901

RE: Rock Springs - Sweetwater County Events Complex - Water Meter and Backflow Preventer Station - Permit Number 06-633, S 1/2 Section 10, T19N, R105W, Sweetwater County, PWS # WY5601182

Dear Mr. Lloyd:

The above application for coverage under General Permit to Construct a water meter and backflow preventer station consisting of a building enclosing an 8-inch water meter and backflow preventer and a 6-inch water meter and backflow preventer along with 6-inch and 12-inch PVC water mains to serve the Sweetwater County Events Complex Water System in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

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

xc: IPS, Cheyenne
Don McKenzie, WDEQ/WQD, Cheyenne

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

NOTIFICATION OF COVERAGE

September 13, 2006

Ryan Kaski
Kaski Homes Inc.
1935 Samco Road, Suite 102
Rapid City, SD 57702

RE: Lot 1, Block 3, Residential Septic System
Permit # 06-634

Dear Mr. Kaski:

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

Additionally, the following project specific conditions also apply:

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

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD





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 2, 2007

David H. Stephens PG
Lance Oil and Gas
1099 18th Street Ste. 12000
Denver, CO 80202

RE: Bear Draw RO CBM Water Treatment Pilot Project, Permit # 06-635

Dear Mr. Stephens:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

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

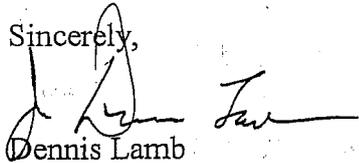
1. A complete set of as-built drawings including all piping in the building and connecting to the pits/discharge;
2. A monthly report including onsite and lab analytical data relating to the RO's performance for meeting the discharge requirements (influent and effluent Na, Ca Mg, SAR, EC), treatment/discharge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

If you have any questions please contact Dennis Lamb at 152 North Durbin, Casper, WY, 82601,



(307) 473-3452 or dlamb@state.wy.us. Thank you.

Sincerely,



Dennis Lamb
CBM Group Supervisor
DEQ/WQD

cc: IPS Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 2, 2007

David H. Stephens PG
Lance Oil and Gas
1099 18th Street, Ste. 1200
Denver, CO 80202

RE: Kinney Draw RO CBM Water Treatment Pilot Project, Permit # 06-636

Dear Mr. Stephens:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

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

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

If you have any questions please contact Dennis Lamb at 152 North Durbin, Casper, WY, 82601,



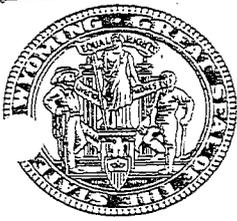
(307) 473-3452 or dlamb@state.wy.us. Thank you.

Sincerely,



Dennis Lamb
CBM Group Supervisor
DEQ/WQD

cc: IPS Cheyenne



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

September 14, 2006

Ron and Karen Erickson
P.O. Box 1252
Sundance, WY 82729

RE: Erickson Residential Septic System
Permit # 06-637

Dear Mr. and Mrs. Erickson:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729

Page 1 of 1





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

October 2, 2006

Kelly Zimmerschied
P.O. Box 421
Moorcroft, WY 82721

RE: Zimmerschied Residential Septic System
Permit # 06-638

Dear Mr. Zimmerschied:

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

Additionally, the following project specific conditions also apply:

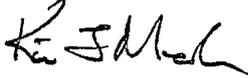
- A. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the tank** must be extended to the ground surface.
- B. Polyethylene Septic Tank Installation Requirements - To ensure structural integrity, the **manufacturer's instructions**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

Page 1 of 2



If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

Sincerely,



Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729

ROAD APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 06-639
SPECIAL CONDITIONS
REF/PERMIT

DONKEY CREEK OIL FIELD

This permit hereby authorizes the applicant:

TRUE OIL LLC
895 WEST RIVER CROSS ROAD
P.O. DRAWER 2360
CASPER, WY 82602

to road apply a total of 100 cubic yards of untreated crude oil tank bottoms according to the procedures and conditions of application number 06-639. The application site is located in the northwest quarter of the southwest quarter of Section 5, Township 49 North, Range 68 West in the county of Crook, in the State of Wyoming. This permit shall be effective until December 1, 2006.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

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

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

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

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

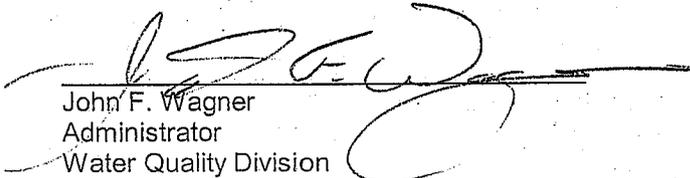
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

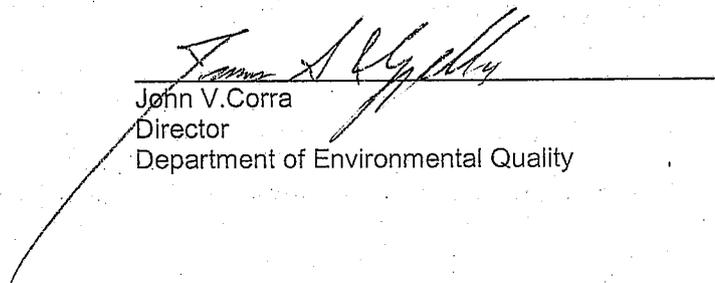
1 of 8 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 North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

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

- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received crude oil tank bottoms.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 8 The crude oil tank bottoms shall be applied uniformly and incorporated into the road bed.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 The application of crude oil tank bottoms application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the crude oil tank bottoms. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

9-20-06
Date of Issuance

JDL/kjm/rm/6-0843
cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 06-639

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

District Policy 10.2 (10/17/86)

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

NA

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the crude oil tank bottoms. Repeated applications of crude oil tank bottoms on the same sections of road will be monitored by roadbed analyses.

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, CBM Program Manager and Kim Medina, Senior Environmental Analyst and completed on September 12, 2006. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 12, 2006

Ivan Policky
227 Inyan Kara
Upton, WY 82730

RE: Policky Small Wastewater Permit No. **06-640**
SE NE Section 14 Township 50 North, Range 65 West in Crook County

Dear Mr. Policky,

The referenced application for coverage under a 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 (WWQRR), has been reviewed and approved.

You are authorized to construct and install the small wastewater system in accordance with Chapter 11, Part D of the WWQRR, the General Permit and the materials submitted in your application package. Please note the reporting requirements outlined in Part V, Section O of the General Permit. The approval granted under this Notification Of Coverage and the General Permit shall expire on September 11, 2007.

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

Yours truly,

Don McKenzie, P.E.
Program Manager
Water & Wastewater Section
Water Quality Division

DRM/rm/6-0842

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion Form

xc: IPS, Cheyenne
Crook County, Attn: Tim Lyons, P.O. Box 848, Sundance, WY 82729

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

ABANDONED MINES
(307) 777-6145
FAX 777-6462

AIR QUALITY
(307) 777-7391
FAX 777-5616

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 13, 2006

Mayor Jerry Petty
Town of Bar Nunn
4820 Wardwell Industrial Avenue
Bar Nunn, Wyoming 82601

RE: Town of Bar Nunn Unity Park Backflow Preventor
Application No. **06-641**

Dear Mayor Petty:

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, and the general permit. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 1, 2008. Please reference Application Number 06-641 in any future correspondence.

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

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0850

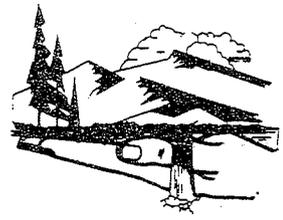
Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Public Water Supply Distribution Systems
Certificate of Completion Form

cc: IPS, Cheyenne
William Johnston, Partner's Engineering Inc., PO Box 941, Casper, Wyoming 82602





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 12, 2006

Chazco Development
ATTN: Tyler Bodrero
1565 West Hillfield Road Suite 102
Layton, UT 84404

RE: Shoppes at Coffeen Water and Sewer Lines Project
Application No. 06-642

Dear Mr. Bodrero:

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on October 31, 2008. Please reference Application Number 06-642 in any future correspondence.

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

Sincerely,

Brian Mark
Program Principal
Water Quality Division

BDM/rm/6-0940

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

cc: IPS, Cheyenne
Bill Fehringer, CEPI, 6080 Enterprise Drive, Casper, Wyoming 82609
Mike Cole, City of Sheridan, PO Box, 848, Sheridan, Wyoming 82801

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

ADMIN/OUTREACH
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FAX 777-6462

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FAX 777-5616

INDUSTRIAL SITING
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FAX 777-6937

LAND QUALITY
(307) 777-7756
FAX 777-5864

SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
ROAD APPLICATION PERMIT

PERMIT NO. 06-643

Kirby Draw Road Application

This permit hereby authorizes the applicant:

C. F. Pickard, Attorney-in-Fact
True Oil LLC
P.O. Box 2360
Casper, WY 82602

to road apply 140 barrels of an oil and water mixture to over 1.5 miles of gravel road extending to the True Tank Battery and Bower lease according to the procedures and conditions of application number 06-643. The application site is located in SW1/4 NE1/4 Section 34, T33N, R95W in the county of Fremont, in the State of Wyoming. This permit shall be effective until November 30, 2007.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable standards. Compliance with DEQ standards is the responsibility of the permittee, owner, and/or operator.

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

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

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

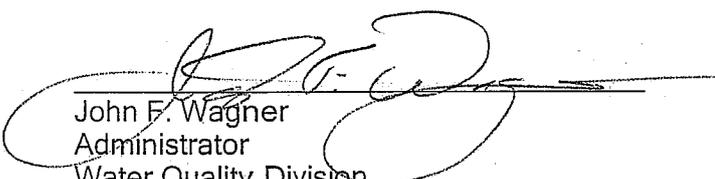
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

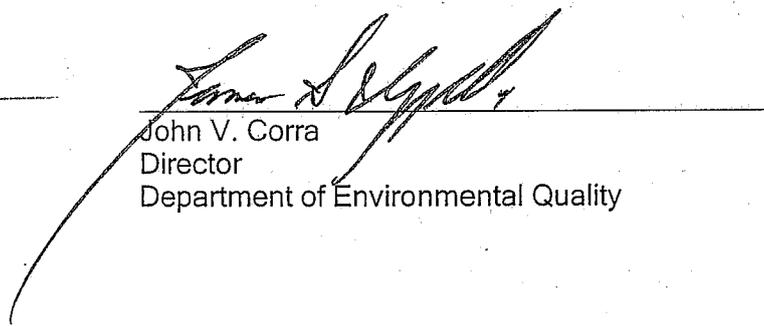
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 7 Section 9, Chapter III, Wyoming Water Quality Rules and Regulations requires notification of DEQ for any changes or modifications to the approved permit package. The permittee shall provide immediate verbal or written notice to the Northwest District Engineer, Wyoming DEQ/WQD, 510 Meadowview Drive, Lander, WY 82520, phone 307-332-3144.
- 2 of 7 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Northwest District Engineer on the attached Certification of Completion form.
 - a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received.
- 3 of 7 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 4 of 7 The oil and water mixture shall be applied uniformly and incorporated into the road bed. Application shall not be initiated during the spring runoff period or at times saturated soil conditions exist. Applications shall not be applied during the period from November 1 to April 10.
- 5 of 7 The application site slope shall not exceed eight percent (8%.)
- 6 of 7 Application shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 7 of 7 Only the roads designated in this permit are authorized for application of the oil and water mixture. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

10/6/06
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

JSB/rm/6-0905

STATEMENT OF BASIS

1. Permit Number: 06-643
2. Application reviewed for compliance with the following applicable regulations :

Chapter 11 of the Wyoming Water Quality Rules and Regulations

3. Basis for issuing permit.

The permit is based on deviation from applicable regulations in accordance with approved policy statement.

4. Facilities not specifically covered by regulations.

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

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

- b. Briefly state the basis for the deviation.

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

- c. Permit based on general or statewide deviation contained in approved policy statement.

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying the oil and water onto the roadbed. Repeated applications on the same sections of road will be monitored by roadbed analyses.

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 James S. Brough, jbrough@state.wy.us, Environmental Engineer and completed on September 29, 2006. 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."

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

September 13, 2006

Ryan Kaski
Kaski Homes Inc.
1935 Samco Road, Suite 102
Rapid City, SD 57702

RE: Lot 1, Block 5, Residential Septic System
Permit # 06-644

Dear Mr. Kaski:

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

Additionally, the following project specific conditions also apply:

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

If you have any questions please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3452. Thank you.

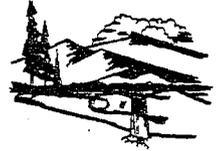
Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD





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

November 27, 2006

Dennis and Mary Altick
P.O. Box 366
Sundance, WY 82729

RE: Transfer of Ownership,
Residential Septic System, Lot 1, Block 5, Sundance View Estates
Crook County, Reference Permit # 06-644 -
Permit # 06-695

Dear Mr. and Mrs. Altick:

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) 473-3452. Thank you.

Sincerely,

Kim J. Medina
Senior Environmental Analyst
WDEQ/WQD

Enclosures: General Permit
Certificate of Completion

cc: IPS, Cheyenne
Tim Lyons, Crook County Growth and Development Coordinator, P.O. Box 848, Sundance, WY 82729

Page 1 of 1



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

PERMIT NO: 06-645

Wormwood POD: Multiple Reservoirs

This permit hereby authorizes the applicant:

Williams Production Company RMT
Attn.: Mr. Eric Sandberg
300 N. Works Ave
Gillette, WY 82717

to have installed six compliance monitoring wells according to the procedures and conditions of the application number 06-645. The facilities are proximal to the on channel coalbed methane produced water impoundments located in Township 46N, Range 76W, Sections 4, 2, 10, 14, and 23 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

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

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

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

3 of 3: Monitoring Requirements:

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

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells MW23-4-4676, MW14-2C1, MW41-23C2, MW22-14-4676, MW14-23C1, MW34-10C1.
- Reporting results of quarterly monitoring and sampling need to be at the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by **January 15, 2007**.

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

Impoundment Iberlin 23-4-4676

Parameter	Iberlin 23-4-4676 Background Value (mg/L) (03/02/06)	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	698	≥ 2400	3000
Total Dissolved Solids (TDS)	1380	≥ 4000	5000
pH	8.2	≤ 6.5	6.5 – 8.5 (s.u)

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Impoundment Iberlin 14-2-4676

Parameter	Iberlin 14-2C1 Background Value (mg/L) (03/02/06)	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	517	≥ 2400	3000
Total Dissolved Solids (TDS)	800	≥ 4000	5000
pH	8.3	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Iberlin 41-23-4676

Parameter	Iberlin 41-23C2 Background Value (mg/L) (02/23/06)	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	708	≥ 2400	3000
Total Dissolved Solids (TDS)	1200	≥ 4000	5000
pH	7.9	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Iberlin 22-14-4676

Parameter	Iberlin 22-14-4676 Background Value (mg/L) (02/23/06)	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	1440	≥ 2400	3000
Total Dissolved Solids (TDS)	2550	≥ 4000	5000
pH	7.8	≤ 6.5	6.5 – 8.5 (s.u)

Impoundment Iberlin 14-23-4676

Parameter	Iberlin 14-23-4676 Background Value (mg/L) (02/23/06)	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	458	≥ 2400	3000
Total Dissolved Solids (TDS)	990	≥ 4000	5000
pH	8.1	≤ 6.5	6.5 – 8.5 (s.u)

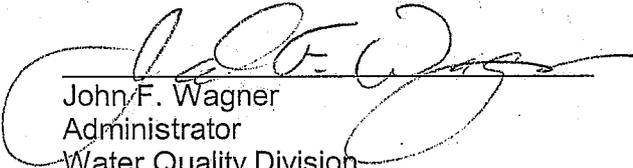
Impoundment Iberlin 34-10-4676

Parameter	Iberlin 34-10-4676 Background Value (mg/L) (02/23/06)	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	1080	≥ 2400	3000
Total Dissolved Solids (TDS)	1800	≥ 4000	5000
pH	7.9	≤ 6.5	6.5 – 8.5 (s.u)

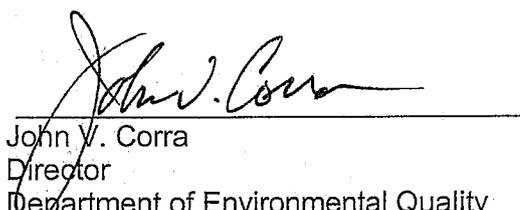
Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with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

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

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division



John V. Corra
Director
Department of Environmental Quality

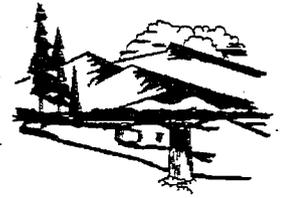
11/2/06

Date of Issuance

UMW/rm/6-1023



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 10, 2006

Mick Wolfe, Mayor
City of Lander
240 Lincoln Street
Lander, WY 82520

RE: Southwest Lander Water Pressure Improvement Project; Permit Number: 06-646, Section 24, T33N, R100W, Fremont County, PWS #WY5600176C

Dear Mayor Wolfe:

The Department of Environmental Quality understands that this project will essentially separate the Goodrich Subdivision from the Ellis Tank and tie the Goodrich Subdivision to the Mager Tank. This will result in an increase in working pressure from about 35 psi to 50 psi in the Goodrich Subdivision. The above application for coverage under General Permit to install 1,226 linear feet of 8-inch waterline has been reviewed in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

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

Sincerely,

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

cc: ✓IPS, Cheyenne
James Gores, James Gores & Assoc., 450 S. Federal, Suite C, Riverton, WY 82501

encl: General Permit For a Public Water Supply Distribution System





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 20, 2006

Mr. Grant Lindstrom,
1651 Nottage Court
Laramie, WY 82072

RE: Laramie Ridge Estate Sixth Addition, Application No.06-647, Albany County

Dear Mr. Lindstrom:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as water and sewer lines to serve a 19 lot subdivision, NE 1/4 SW 1/4 Section 26 T16N R73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2009.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 06-647 in any future correspondence.

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

Sincerely,

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

cc: IPS, Cheyenne

Brian Smith, J-U-B Engineers, Inc
3538 JFK Parkway, Suite #1
Fort Collins CO 80525

LBH/rm/6-0971

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

ADMIN/OUTREACH
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FAX 777-3610

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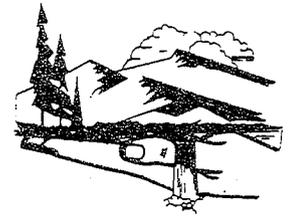
SOLID & HAZ. WASTE
(307) 777-7752
FAX 777-5973

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





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

October 11, 2006

Glenn Chase
37 South Bare Avenue
North Platte, NE 69101

RE: Chase Small Wastewater Permit No. 06-648
SE Section 31 Township 15 North, Range 83 West in Carbon County

Dear Mr. Chase,

The referenced application for coverage under a General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a two bedroom house, in accordance with Chapter 3 Section 9 of the Wyoming Water Quality Rules and Regulations (WWQRR), has been reviewed and approved.

You are authorized to construct and install the small wastewater system in accordance with Chapter 11, Part D of the WWQRR, the General Permit and the materials submitted in your application package.

The following project specific condition applies to your permit: Either a 6 inch diameter clean-out riser or the manway from each compartment of the tank must be extended to the ground surface.

Please note the reporting requirements outlined in Part V, Section O of the General Permit. The approval granted under this Notification Of Coverage and the General Permit shall expire on October 11, 2007.

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

Yours truly,

Don McKenzie, P.E.
Program Manager
Water & Wastewater Section, Water Quality Division

DRM/rm/6-0933

Enclosures: General Permit & Certificate of Completion Form
xc: IPS, Cheyenne
Carbon County Planner, Kristy Rowan, POB 487, Rawlins 82301



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 06-649

Cheyenne BOPU Belvoir Well No. 6
PWS: WY5600011

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne, WY, 82003-1469

to construct, install or modify a 400 ft deep High Plains Aquifer Test Hole # 10 and Belvoir Well No. 6 according to the procedures and conditions of the application number 06-649. The facility is located in SW 1/4 NW 1/4 Section 23 T13N R68W in the county of Laramie, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 10, 2008.

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

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

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

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

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

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

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

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

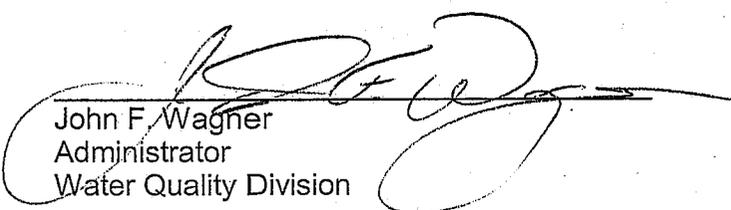
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

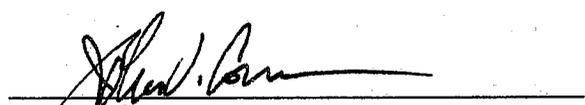
- 1 of 3 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

12/8/06
Date of Issuance

LBH/rm/6-1141

cc: Jane Francis

George Langstaff, SEO

Bruce Brinkman, WWDC

Kate Laudon, Lidstone and Associates, Inc.

4025 Automation Way, Bldg E, Fort Collins, CO 80252-3448

STATEMENT OF BASIS

1. Permit Number: 06-649
2. Application reviewed for compliance with the following applicable regulations :
Chapter(s) 3 and 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Louis B. Harmon PE-PG, Southeast District Engineer, lharmo@state.wy.us, and completed on December 8, 2006. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 18, 2006

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

RE: Pioneer Cottage Bldg 210 and 211 Water Main, Permit Number 06-650,
NW ¼ Sec. 8, T33N, R99W, Fremont County.

Dear Ms. Hudson:

The above application for coverage under a General Permit to construct a replacement water main to serve two campus buildings 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 water main and appurtenances in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

Sincerely,

Jeff Hermansky
Northwest District Engineering Supervisor

xc: ✓IPS, Cheyenne

encl: General Permit for a Water Distribution System

