

Department of Environmental Quality

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



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 • Casper, WY 82601 • (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

May 21, 2013

Vaughn Bosch, District Manager
TIC
1474 Willer Drive
Casper, WY 82604

RE: TIC – Lot 86 of Westgate Park III – 4" Fire Sprinkler Line
WDEQ Application No. 13-201, Natrona County

Dear Mr. Bosch:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems, consisting of the installation of approximately 70 lineal feet of 4 inch DR 18 C900 PVC fire sprinkler line, located in Section 34, Township 34 North, Range 80 West, Natrona County, WY, 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 **Chapter 12** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2014.

This Notification of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Lewis James, P.E., JKC Engineering, 5830 East 2nd Street, Casper, WY 82609
Marlon Holmquist, Vista West Water Company, P.O. Box 565, Casper, WY 82602

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-202

Pointe at UW - Phase 2 Sanitary Sewer

This permit hereby authorizes the applicant:

CRITERION 3, LLC
325 W. Huron Street Suite 412
Chicago, IL 60654

to install a 486 gallon capacity grinder pump station, approximately 300 lineal feet of 2.5-inch sanitary force main, and approximately 360 lineal feet of 8-inch sanitary sewer main according to the procedures and conditions of the application number 13-202. The facility is located in SE ¼ of Section 35, T15N R73W; Albany County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed July 23, 2015.

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

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

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

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

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

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

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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 7-30-13

SWT/rm/13-0704

STATEMENT OF BASIS

1. Permit Number: **13-202**
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 11
3. Does the permit comply with all applicable regulations identified above?
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

Sewerage systems are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

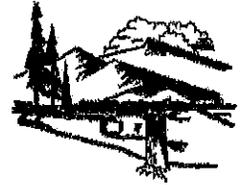
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on July 26, 2013. 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: Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming 82073



Department of Environmental Quality



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

Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 30, 2013

Mark G. Westenskow
City of Green River
50 East 2nd North Street
Green River, WY 82935

RE: Green River - Southside Water System Improvement Project - Water and Sewer Main Replacements - Permit Number 13-203, S ½ Section 22, E ½ Section 23, T18N,R107W, Sweetwater County

Dear Mr. Westenskow:

The above application for coverage under **General Permit to Construct** for the replacement of a **Public Water Supply System** consisting of about 6400 linear feet (LF) of PVC water mains and the replacement of a **Public Sewage Collection System** consisting of about 1560 LF of 12-inch PVC sewer main 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 Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne

Mark G. Westenskow, P.E., City of Green River, 50 East 2nd North Street, Green River, WY 82935





Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 13, 2013

City of Laramie

Attn: Dave Derragon, Interim Public Works Director
P.O. Box C
Laramie, WY 82073

RE: Boulder & Turner Drives Street Construction Project,
Application No. 13-204, Albany County

Dear Mr. Derragon:

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** consisting of installing approximately 1,000 LF of 12-inch and 1300 LF of 16-inch water main and **Existing Sewage Collection Systems** consisting of installing approximately 1,780 LF of 6-inch and 250 LF of 8-inch sanitary sewer main located in the West 1/2 of Section 2, T15N, 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, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. No wastewater shall contribute to the proposed 6-inch sanitary sewer in Boulder & Turner Drives until the temporary "dead-end" sanitary sewer main is connected with a collection system contributing to an approved wastewater treatment facility.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 13, 2018.

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

ADMIN/OUTREACH	ABANDONED MINES	AIR QUALITY	INDUSTRIAL SITING	LAND QUALITY	SOLID & HAZ. WASTE	WATER QUALITY
(307) 777-7758	(307) 777-6145	(307) 777-7391	(307) 777-7369	(307) 777-7756	(307) 777-7752	(307) 777-7781
FAX 777-7682	FAX 777-6462	FAX 777-5616	FAX 777-5973	FAX 777-5864	FAX 777-5973	FAX 777-5973



Please reference Application No. 13-204 in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,



Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

SWT/rm/13-0528

Enclosures: Certificate of Completion form

cc: IPS
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, WY 82073
Lynn Hill, DOWL-HKM, 1575 N 4th Street, Suite 105, Laramie, WY 82072



Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 20, 2013

James Frauendienst
1740H Dell Range Blvd, #423
Cheyenne, WY 82001

RE: Flying Dutchman Lode Mountain Cabin Septic System,
Application No. **13-205**, Carbon County

Dear Mr. Frauendienst:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon, two compartment, polyethylene septic tank discharging into about 60 feet of chamber type trench leachfield divided into two equal length trenches of at least 7 Infiltrator brand, Quick4 Standard model chamber units each, for a 1 bedroom cabin, located in the **SW¹/₄ SE¹/₄ Section 29, T14N, R84W, Carbon County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **June 20, 2015**.

The following project specific conditions also apply:

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from each compartment of the septic tank must be extended to the ground surface.
2. 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.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:
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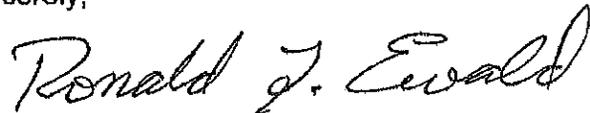
ADMIN/OUTREACH (307) 777-3758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7366 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-205 in any future correspondence.

If you have any questions, please contact me at either ron.ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/13-0563

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
BE&A / Badger Excavating, 3941 W. 5th Street, Cheyenne, WY 82007
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West Buffalo
Street, Suite 336, Rawlins, Wyoming 82301

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

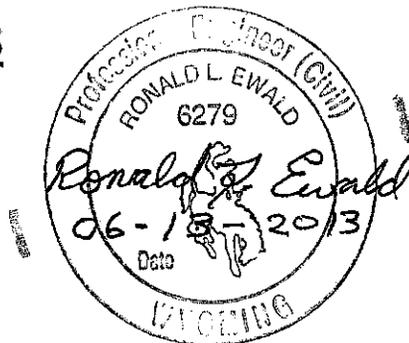
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Flying Dutchman Lode, Mountain Vacation Cabin – Septic System
LOCATION: SW¼ SE¼, Section 29, T14N, R84W, Carbon County
ENGINEER: None
APPLICANT: James Frauendienst
1740H Dell Range Blvd, #423
Cheyenne, Wyoming 82001
Ph: (307) 421-1171

WATER QUALITY DIVISION REFERENCE #: 13-205

REVIEWING ENGINEER: Ronald L. Ewald
Phone: (307) 777-6183
Email: ron.ewald@wyo.gov

DATE OF REVIEW: June 13, 2013



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Site Suitability Analysis Incomplete - It is indicated at the top of page 10 of the application package that an observation excavation was made. However, the following questions and answers contradict this. The bottom of the exaction is not 4 feet below the bottom of the proposed trenches. The depth of the excavation is

0(zero) feet. Who did the exaction? – none. Date of excavation – none. The conclusion has to be that an observation trench was not really done. An observation excavation is required because the questions that follow about rock layers, clay, groundwater, and soil staining or mottling can't be answered without making an observation excavation(backhoe trench). **An observation excavation SHALL be made within or near the proposed leachfield area to at least 4 feet below the bottom of the proposed trenches**, which is 3 feet deep. Therefore, **the observation excavation needs to be at least 7 to 8 feet deep**. Then the questions on page 10 can be answered truthfully and accurately.

2. Seasonal High Groundwater Depth ? - the C2 detail sheet on page 25 indicates that the seasonal high groundwater level is nine(9) feet below the ground surface. Without an observation excavation; how was this determined?
3. Percolation Tests Conducted at What Depth ? - it is not indicated on the percolation test data sheet how deep each of the test holes were. What were the depths of each of the percolation test holes?

Enclosures: Copy of 1st application package

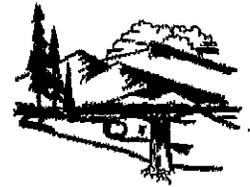
END OF REVIEW

RLE/rm/13-0530



Department of Environmental Quality

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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 4, 2013

Attn: Brad Cummings
1133 Lane 7
Powell, WY 82435

RE: Cedarwood Subdivision Phase Four Sewer and Water Main Extensions, Permit Number: 13-206, Lot 75-K & Lot 75-L, T55N, R99W, Park County

Dear Mr. Cummings:

This project involves the installation of 8-inch water main extensions as well as 8 and 10-inch sewer main extensions to serve twenty-three new residential lots. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved. This permit to construct replaces DEQ Permit #09-402.

A variance was requested from Chapter 11, Section 9 (c)(i)(C) which requires a minimum slope of 0.004 ft/ft for 8-inch pipe. A variance from this regulation is granted based upon Policy 13.9.13. The construction of the proposed sewer line will satisfy Policy 13.9.13 by the following provisions: 1) Pipe constructed of ASTM D3034 SDR 35 PVC pipe, 2) the sewer grade will be established by a laser, 3) The pipe will be bedded with Type 1 bedding material using Type A Trench Backfill methods or cement treated fill, 4) the sewer line will be constructed under full time inspection, and 5) the Town has sent a letter stating their acceptance of the design.

You are authorized to construct the facilities in accordance with the general permits and materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit which can be downloaded from the Wyoming Department of Environmental Quality webpage at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

xc: Roy Holm, P.E., Holm, Blough, & Company, 1402 Stampede Ave., Cody, WY 82414
Sean Christensen, P.E., City of Powell, P.O. Box 1008, Powell, WY 82435
PDF to Cheyenne

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

ABANDONED MINES
(307) 332-5086
FAX 332-7726

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726





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John Corra, Director

NOTIFICATION OF COVERAGE

May 20, 2013

WK&G Holding, LLC
1800 Opportunity Blvd.
Casper, WY 82601

RE: Can Do Hanger Office Remodel – 6" Fire Sprinkler Line
WDEQ Application No. 13-207, Natrona County

Dear Sir:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems, consisting of the installation of approximately 200 feet of 6 inch DR 18 C900 PVC fire sprinkler line, located at Lot C-26, 1410 Prairie Lane, Bar Nunn, WY, in the County of Natrona, WY, 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 **Chapter 12** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2014.

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http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Nick Larsen, P.E., CEPI, 6080 Enterprise Drive, Casper, WY 82609
Gloria Brainard, WWSD, P.O. Box 728, Mills, WY 82644
LaVonne Perkins, Advanced Plumbing and Heating, 3405 Bypass Blvd., Casper, WY 82601

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337





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Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

John Corra, Director

NOTIFICATION OF COVERAGE

May 21, 2013

Premium Valve Services
8640 Delta Drive
Casper, WY

RE: Premium Valve Services – 6" Fire Sprinkler Line
WDBQ Application No. 13-208, Natrona County

Dear Sir:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems, consisting of the installation of approximately 70 lineal feet of 6 inch DR 18 C900 PVC fire sprinkler line, located in Lots 1, 2, and 3 of Block 3, Westgate Park IV, Natrona County, WY, 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 Chapter 12 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2014.

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http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

cc: IPS, Cheyenne
WDBQ Casper File
Nick Larsen, P.E., CEPI, 6080 Enterprise Drive, Casper, WY 82609
Vista West Water Company, P.O. Box 565, Casper, WY 82602
LaVonne Perkins, Advanced Plumbing and Heating, 3405 Bypass Blvd., Casper, WY 82601

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337





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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 29, 2013

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

RE: City of Lander Community Center Water Line and Sewer Line Project, Permit No. 13-209, NE ¼, Section 19, Township 33 N, Range 99W, Fremont County

Dear Mayor Wolfe:

This project consists of installing about 270 linear feet of 6-inch water main and a replacement hydrant and about 100 linear feet of 6-inch sewer main and a replacement manhole. The above application for coverage under General Permits to Construct the extension of a public water distribution system 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 facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

xc: PDF to Cheyenne
Josh Kilpatrick, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001

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

ABANDONED MINES
(307) 332-5086
FAX 332-7726

AIR QUALITY
(307) 332-6756
FAX 332-7726

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726



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

CLASS V INJECTION WELL

() New Permit Number UIC 13-210
(X) Modified Reference Permit Number UIC 07-393
(X) Renewed UIC Facility Number WYS - 005-00473

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

Applicant: Bearcat Energy, LLC
P.O. Box 594
Buffalo, WY 82834
(307) 684-8884

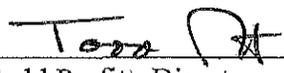
Bearcat Energy, LLC, hereafter referred to as the permittee, is authorized to operate the proposed Class V (5F2) Subsurface Drip Irrigation (SDI) Project known as the Spellman SDI located in parts of Sections 33 and 34, Township 54 North, Range 75 West, 6th Principal Meridian, Campbell County, according to the procedures and conditions of application UIC 13-210 and requirements and other conditions of this permit.

This permit shall become effective on date of issuance.



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

August 9, 2013
Date



Todd Parfitt, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

8/9/2013
Date

UMW/rm/13-0746

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A. Discharge Zone

The Spellman SDI is authorized to inject into the alluvial deposits adjacent to the Middle Prong Wild Horse Creek, an ephemeral stream in northwestern Campbell County.

B. Well and Area of Review

The injection well (sub-surface drip irrigation system) authorized by this permit is located as follows:

The irrigated fields associated with this project are located in parts of Sections 33 and 34, Township 54 North, Range 75 West, 6th Principal Meridian. The locations of the approximate centers of the fields are listed below. Maps showing the project location and the layout of the irrigated fields are presented in Figures 2 and 3 of the "*Design Report for Construction of a New Subsurface Drip Irrigation System on the Spellman Property, prepared for Comet Energy Services, LLC*". The permit has since been transferred to Bearcat Energy, Inc.. This design report contains the Permit Application Form – Underground Injection Control (UIC) Class V Well hereafter called the Permit Application.

Table 1 (Field Location)

Field Identifier	Location of Field Center
Spellman 33-33-5475	NENWSE Section 33, T.54N, R.75W
Spellman 44-33-5475	NESESE Section 33, T.54N, R.75W

The Area of Review of this system is described as follows: North $\frac{1}{2}$, Section 4, and NW $\frac{1}{4}$ Section 3, Township 53 North, Range 75 West; Section 33, and the West $\frac{1}{2}$ Section 34, Township 54 North, Range 75 West.

The area of review includes all portions of the aquifer which will be affected in a measurable way within ten years of granting the permit. The Spellman SDI area of review was calculated based on the following:

- Average depth to groundwater,
- Average assumed porosity,
- Radial Area of Review formula; and
- Monthly water balance calculations.

The water balance calculations were computed on a monthly basis for the ten year duration of the operation. Assumptions:

- Monthly precipitation rates based on historical data from Arvada, Wyoming,
- Average vadose zone thickness made during site investigation,
- Monthly evapotranspiration rates of the irrigated crop estimated using the Blaney-Criddle method.

In addition to the above calculations, evapotranspiration from small riparian zones adjacent to the Middle Prong Wild Horse Creek were considered but calculated to have little or no impact. Detailed explanation of the water balance calculations and assumptions is presented in the Permit Application.

C. Groundwater Classification

Four monitor wells were installed in the project area and used to characterize the groundwater. Water quality analyses indicate the groundwater beneath the proposed operation is Class III according to Wyoming Water Quality Rules and Regulations, Chapter 8. Ambient water quality exceeds Class I and Class II standards for TDS and Sulfate (Table 1- Chapter 8) in all of the samples.

D. Authorized Operations

The permittee is authorized to inject 313,000 gallons per day of produced coalbed methane water through the Spellman SDI. The produced water originates from coal bed methane wells completed in the Anderson, Canyon, Cook, Wall and Smith coal seams.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

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

The facilities covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapter 16. A "UIC Construction Notification" form (available on the WDEQ's groundwater website at <http://gem.wqd.apps.deq.wyoming.gov/default.aspx>) shall be submitted to the Groundwater program in Sheridan upon completion of construction of all or any portion of the project prior to placing that portion of the project into operation. The operator shall also submit detailed "as-built" drawings of the facility upon completion. The drawings shall include all surge ponds, piping, manifolds, a general layout of the drip tape, etc.

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

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.
3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Department.
4. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The time(s) analyses were initiated;
 - e. The initials or name(s) of the individual(s) who performed the analyses;
 - f. References and written procedures for the analytical techniques or methods used;
 - g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified decommissioning procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;

- b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
 - c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
9. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 30 days following each schedule date.

I. Requirements for Monitoring the Discharge.

- 1. The operator shall submit detailed “as-built” drawings of the plant facility upon completion. The drawings shall include all piping, manifolds, and general layout of the facility.
- 2. The injectate shall be sampled at the pump house which is located in the NW quarter of the SE quarter of section 33, Township 54 North, Range 75 West, 6th Principal Meridian. The permittee shall monitor the quantity and quality of the injectate on the schedule listed in Table 2 below:

Table 2 (Injected Fluid Sampling Schedule)

Sampling and Reporting Schedule	Parameter Analyzed	Analytical Method	Permit limit or UCL
Annually 02/15	Total Volume discharged to field	flowmeter	The volume of flow shall not exceed 0.313 million gallons/day.
Annually 02/15	Total Dissolved Solids	EPA 160.1	5,000 mg/L

- 3. If construction and operation of fields proceeds in a staged manner, the monitoring locations associated with that field shall be sampled during the first quarterly event after construction of the field. The operator shall notify the WDEQ upon construction of each field. Table 3 lists which monitoring locations shall be monitored after construction of the field.

Table 3 (Field Location)

Field Identifier	Monitoring Locations
Spellman 33-33-5475	MW 33-33, SW1, SW2
Spellman 44-33-5475	MWAL44-33, MWAL14-34 SW3, SW4

- 4. The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in Table 4.

Table 4 (Groundwater Sampling Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT
MW33-33, MWAL44-33, MWAL14-34	Quarterly	Annually (2/15)	Depth to static water (ft)	Steel tape with chalk or electronic tape	None (tracking purposes: surface water protection)
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Total Dissolved Solids	EPA 160.1	5,000 milligrams/liter
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Sulfate	EPA 300.0	3,000 milligrams/liter
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Bicarbonate and Carbonate	SM 2320B	None (tracking purposes: surface water protection)
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Chloride	EPA 300.0	2,000 milligrams/liter
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Sodium, Magnesium and Calcium	EPA 200.7	None (tracking purposes: surface water protection)
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Electrical Conductivity	SM 2510B	None (tracking purposes: surface water protection)
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	pH	EPA 150.1	6.5-8.5 S.U.
MW33-33, MWAL44-33, MWAL14-34	Annually (2/15)	Annually (2/15)	Sodium Adsorption Ratio	Calculation	None (tracking purposes: surface water protection)

Note: 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.

5. No water from this facility shall reach any surface water, including ephemeral drainages. Any seeps shall be documented and reported to the WDEQ immediately. Table 5 below defines the Surface Water Inspection Schedule:

Table 5 (Surface Water Inspection Schedule)

SURFACE WATER INSPECTIONS	INSPECTION SCHEDULE	REPORTING SCHEDULE (DUE DATE)	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL
-SW1- From the ephemeral drainage due north of MW32-33 southerly to the confluence of Middle Prong Wild Horse Creek	Quarterly	Annually (2-15)	Visual inspection for surface seepage	Visual	None (tracking purposes: surface water protection)
-SW2- From the ephemeral drainage east of the northern field boundary of Spellman 33-33-5475 southerly to the confluence of Middle Prong Wild Horse Creek	Quarterly	Annually (2-15)	Visual inspection for surface seepage	Visual	None (tracking purposes: surface water protection)
-SW3- From the intermittent pond east of MW43-33 west-southwesterly to the intermittent pond in the SENESE Section 33, T.54N, R.75W continuing westerly along the dry drainage to the confluence of traverse 2 above	Quarterly	Annually (2-15)	Visual inspection for surface seepage	Visual	None (tracking purposes: surface water protection)
-SW4- From a point due east of the northernmost point of Spellman 44-33-5475 at the ephemeral drainage the southerly along that ephemeral drainage to the intermittent pond in the north/2 of the NW/4 Section 3, T.53N, R.75W; then easterly to the eastern end of this intermittent pond then due south to the Middle Prong Wild Horse Creek; then westerly and northwesterly along Middle Prong Wild Horse Creek to a point 500 feet northwesterly from the confluence of traverses 1 and 2 above	Quarterly	Annually (2-15)	Visual inspection for surface seepage	Visual	None (tracking purposes: surface water protection)

The monitoring results of discharge, groundwater and surface water listed in Tables 2, 4, and 5 shall be submitted to the following address: WDEQ, Groundwater Program, 2100 West 5th Street, Sheridan, WY 82801.

J. Test Procedures

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

K. Records and Reports

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

L. Permit Actions

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

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

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

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

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.
2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.
3. The injection systems covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12. Groundwater monitoring wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 11, Part G.

N. Duties of the Permittee

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

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

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

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

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

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

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

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

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

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

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

P. Noncompliance

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

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

Q. Permit Transfer

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

R. Property Rights

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

S. Severability

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

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

A. Permit Number: 13-210
Reference: 07-393

B. Facilities Covered: The Bearcat Energy, LLC., Spellman SDI Cell (subsurface drip irrigation system) is located adjacent to Middle Prong of Wild Horse Creek in Campbell County, Wyoming. This facility will inject produced coal bed methane water into alluvium, colluvium and the Wasatch Formation at depths up to 10 feet. The system is designed to inject up to a capacity of 0.31 million gallons per day. Because of the nature of this water, the permit has been written to allow up to this capacity. The original permit 07-393 is being modified to reduce monitoring requirements.

C. Class of Facility: 5F2 (Under Chapter 16)

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

A. Chapter 8 Yes

D. Chapter 13 No

B. Chapter 9 No

E. Chapter 16 Yes

C. Chapter 12 No

F. Chapter 26 Yes

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

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

Yes

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

No

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

NOT Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations Chapters 8 and 16. Groundwater beneath this proposed facility is classified as Class III. Groundwater monitoring is proposed for this site to protect groundwater and surface water. This permit provides for a total flow capacity of 0.31 million gallons per day.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

A. The applicant has been provided with a draft permit prior to the permit being issued.

B. A Public Notice has been issued with a public notice period starting June 24, 2013 and ending on July 23, 2013. (Thirty day notice is required by Chapter 16.) This notice was published in the Casper Star Tribune on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 5, Chapter 16, Wyoming Water Quality Rules and Regulations. This review was performed by Ursula Williams, P.G # 1503, Groundwater Program, North District Geological Project Analyst, and completed on June 17, 2013. 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.



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 18, 2013

Brad Dirck
P.O. Box 999
Rawlins, WY 82301

RE: Dirck Residential Septic System
Application No. **13-211 Carbon County**

Dear Mr. Dirck:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon, two compartment, concrete septic tank, discharging into about 160 feet of chamber type trench leachfield divided into four equal rows of at least 10 *Infiltrator* brand, standard Quick4 model chamber units each, for a 4 bedroom home, **located in the SE¼ of Section 13, T21N, R88W, Carbon County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 18 2015.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-211** in any future correspondence.

If you have any questions, please contact me at either ron.ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,

Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/13-0542

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Kent Smith, P.O. Box 684, Saratoga, Wyoming 82331
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West Buffalo Street, Suite 336, Rawlins, Wyoming 82301





Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

for

AS-BUILT SEPTIC SYSTEM

June 27, 2013

Laurie Moede
73 Brookside Road
Wheatland, WY 82201

RE: Laurie Moede Emergency AS-BUILT Septic System Replacement, App.No. 13-212
Location: SW¼, Section 36, T24N, R68W, **Platte County**

Dear Ms. Moede:

The above application for coverage under General Permit to Construct an already installed, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon septic tank discharging into about 160 feet of chamber type trench leachfield divided into four equal rows of at least 7 Biodiffuser brand, ARC24 model chamber units each for a 3 bedroom home in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. This Notification of Coverage is issued in response to your submission and completion of the required septic system information for an as-built permit in accordance with Chapter 25 of the Water Quality Division Rules and Regulations.

The information submitted generally indicates that this previously unpermitted subsurface construction does meet DEQ/WQD governing regulations for Small Wastewater Systems, and this As-Built "Notification of Coverage" is hereby issued.

If you have any further questions, please contact me at either ron.ewald@wyo.gov, or (307) 777-6183.

Sincerely,

Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water Quality Division
RLE/rm/13-0588

cc: IPS, Cheyenne
Platte County Planning Office, Reed Elmquist, P.O. Box 728, Wheatland,
Wyoming 82201

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

November 25, 2013

HAND DELIVERY

Joanette Wardell
200 Dickinson Hill Road
Wheatland, WY 82201

RE: **Application Number:** 13-212
Action: Unauthorized Work Documentation
Facility: Laurie Moede Emergency Septic System Replacement
Location: 73 Brookside Road, Wheatland, WY Platte County

Dear Ms. Wardell:

This letter is documenting the improper actions performed by Jonette Wardell acting as the installer for Laurie Moede on the above referenced septic system, located at 73 Brookside Road. An application for the Permit to Construct was received by the Wyoming Department of Environmental Quality (DEQ) Water Quality Division (WQD) on May 21, 2013 from Ms. Moede after the facility had already been installed.

After receiving the initial application Ron Ewald, Assistant Southeast District Engineer, attended meetings and corresponded with Ms. Moede several times to obtain the necessary documentation for an As-Built permit. On June 27, 2013 an as-built permit was issued for this facility.

Construction of this facility without a permit was and is a violation of the Environmental Quality Act and is punishable with fines not to exceed **\$10,000 per day of violation**. We are not recommending these fines for the current situation; however, acting as an installer in the future, the application process and the application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations **must be followed**.

If you should have any questions, please contact Seth Tourney at either seth.tourney@wyo.gov or (307) 777-7088. Please be reminded that DEQ / WQD may show up anytime in the future to verify whether potential facilities have been constructed with or without a permit.

Sincerely,

Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

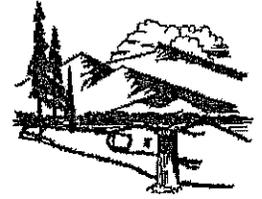
SWT/RRC/rm/13-1114





Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

July 2, 2013

CERTIFIED MAIL

Joanette Wardell
200 Dickinson Hill Road
Wheatland, WY 82201

RE: **Application Number: 13-212**
Action: Unauthorized Work Documentation
Facility: Laurie Moede Emergency Septic System Replacement
Location: 73 Brookside Road, Wheatland, WY Platte County

Dear Ms. Wardell:

This letter is documenting the improper actions performed by Jonette Wardell acting as the installer for Laurie Moede on the above referenced septic system, located at 73 Brookside Road. An application for the Permit to Construct was received by the Wyoming Department of Environmental Quality (DEQ) Water Quality Division (WQD) on May 21, 2013 from Ms. Moede after the facility had already been installed.

After receiving the initial application Ron Ewald, Assistant Southeast District Engineer, attended meetings and corresponded with Ms. Moede several times to obtain the necessary documentation for an As-Built permit. On June 27, 2013 an as-built permit was issued for this facility.

Construction of this facility without a permit was and is a violation of the Environmental Quality Act and is punishable with fines not to exceed **\$10,000 per day of violation**. We are not recommending these fines for the current situation; however, acting as an installer in the future, the application process and the application procedures pursuant to Chapter 3 of the Wyoming Water Quality Rules and Regulations **must be followed**.

If you should have any questions, please contact Seth Tourney at either seth.tourney@wyo.gov or (307) 777-7088. Please be reminded that DEQ /WQD may show up anytime in the future to verify whether potential facilities have been constructed with or without a permit.

Sincerely;

Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division
SWT/rm/13-0608

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality

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



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 17, 2013

David Schrock
175 Pine Ridge Road
Moorcroft, WY 82721

RE: Schrock Small Wastewater System
Application No. 13-213, Crook County

Dear Mr. Schrock:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Ace Roto-Mold polyethylene septic tank, discharging into two pipe and rock trenches of approximately 107 feet in length each, for a two bedroom home located in the NE¼, **Section 24, Township 50N, Range 66W**, Crook 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 facility in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

This Notification of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Additionally, the following permit condition applies:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
2. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.

If you have any questions, please contact me at 307-473-3469.

Sincerely,

Jason Vreeland, P.E.
Assistant NE District Engineer
WDEQ/WQD

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-214

REFERENCE PERMIT NO. N/A

~~Pratt Water Storage Tank Improvements Project~~
PWS No WY5601415

This permit hereby authorizes the applicant:

Andrew Beamer, P.E.
City of Casper
200 North David Street
Casper, WY 82601

to construct, install or modify a water storage tank vent, overflow and drain line, and handrail according to the procedures and conditions of the application number 13-214. The facility is located in Section 13, Township 33 North, Range 79 West, further located in Casper, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2015.

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

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

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

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

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

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

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

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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

Kevin Frederick
Kevin Frederick
Administrator
Water Quality Division

Todd Parfitt
Todd Parfitt
Director
Department of Environmental Quality

b-28-13
Date of Issuance

JRV/rm/13-0580

cc: Nicholas Larsen, P.E., Civil Engineering Professionals, Inc., 6080 Enterprise Drive, Casper, WY 82609
John Gillis, PhD, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129

STATEMENT OF BASIS

1. Permit Number: **13-214**
2. Application reviewed for compliance with the following applicable regulations :

CHAPTER 3 AND CHAPTER 12 OF THE WYOMING WATER QUALITY RULES AND REGULATIONS

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

YES

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

NO

5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Jason Vreeland, P.E., and completed on June 26, 2013. 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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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 11, 2013

Deerhaven Land Company, LLC
Attn: James O. Woods, III, President
3701 Ridge Road
Cheyenne, WY 82001

RE: Deerhaven Subdivision,
Application No. 13-215, Laramie County

Dear Mr. Woods:

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** consisting of replacing approximately 1460 lineal feet of water main and **Existing Sewage Collection Systems** consisting of replacing approximately 1170 lineal feet of sanitary sewer main located in the **Northeast ¼, Section 8, T13N, R66W, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. **Inspection Required** - The mandrel test shall be performed in the presence of the Wyoming Department of Environmental Quality for the sanitary sewer main between the existing manhole and Manhole M.H. P-1. To schedule an inspection call Seth Tourney, Southeast District Engineer, at (307) 777-7088 at least 48 hours before the inspection is needed.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 11, 2018.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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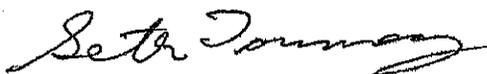
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. 13-215 in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,



Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

SWT/rm/13-0517

Enclosures: Certificate of Completion form

cc: IPS
Dena Hansen, 215 E. Allison Road, Cheyenne, WY 82007
Kelly Hafner, BenchMark Engineers, 1920 Thomas Avenue, Suite 620, Cheyenne, WY 82001



Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 17, 2013

University of Wyoming

Attn: Roger Baalman, Facilities Planning Director and University Arch.
1000 E. University Avenue
Laramie, Wyoming 82071

RE: Performing Arts Facility Addition and Renovation,
Application No. 13-216, Albany County

Dear Mr. Baalman:

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** consisting of installing approximately 20 lineal feet of 10-inch water main and installing a 6-inch gate valve and **Existing Sewage Collection Systems** consisting of installing approximately 190 lineal feet of 8-inch sanitary sewer main located in the Southwest ¼, Section 34, 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. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 17, 2018.

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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ADMIN/OUTREACH (307) 777-7158 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SETING (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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Please reference Application No. 13-216 in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,



Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

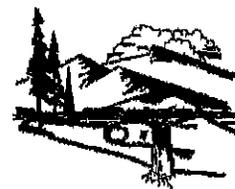
SWT/rm/13-0664

Enclosures: Certificate of Completion form

cc: IPS
Cal Van Zee, City of Laramie, 1167 N. 4th Street, Laramie, WY, 82073
Forrest Todd, WWC Engineering, 611 Skyline Road, Laramie, WY, 82070



Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 20, 2013

John A. Abbott, Mayor
Town of Meeteetse
P.O. Box 38
Meeteetse, WY 82433

RE: Meeteetse Loading and RV Dump.
DEQ Permit #13-217
Located in Park County, NW ¼, SW ¼, T48N, R100W; Lat. 44.158, Long. -108.873

Dear Mayor Abbott,

This project consists of the construction of a water loading station and a waste disposal site for RVs.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11 and Chapter 12 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, and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Construction shall be completed by November 30, 2015

Your attention is directed to the attached Certificate of Completion form, which is to be submitted within 60 days of the completion of the aforementioned project.

These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Jim Gores, P.E., James Gores and Associates, P.C., 111 North Third East, Riverton, WY 82501

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

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

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-218

TOWN OF BAGGS POTABLE WATER STORAGE TANK
PWS WY5600058

This permit hereby authorizes the applicant:

Town of Baggs
P.O. Box 300
Baggs, WY 82321

to construct, install or modify two new 190,000 gallons water storage tanks according to the procedures and conditions of the application number 13-218. The facility is located in Section 8, T12N R91W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed June 10, 2016.

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

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

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

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

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

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

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

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

1. The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
2. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
3. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 6-28-13

SWT/rm/13-0585

STATEMENT OF BASIS

1. Permit Number: **13-218**
 2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 12
 3. Does the permit comply with all applicable regulations identified above?
Yes
 4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
- Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on June 27, 2013. 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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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 5, 2013

Brian Rowser
The Refuge at Alpine Airpark, Inc.
4235 Lake Creek Farms Road
Heber, UT 84032

RE: Refuge at Alpine Airpark - Water Main Extension - Permit Number 13-219, Section 19,T37N, R118W, Lincoln County

Dear Mr. Rowser:

The above application for coverage under **General Permit to Construct** for the extension of a **Public Water Supply System** consisting of about 1,430 linear feet (LF) of 8-inch PVC water main 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 permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne
Ryan J. Erickson, P.E., Sunrise Engineering, Inc., P.O. Box 609, Afton, WY 83110





Department of Environmental Quality

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Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 11, 2013

Larry Schommer
City of Sundance
P.O. Box 542
Sundance, WY 82729

RE: City of Sundance Cole Well Field Check Valve
Application No. **13-220, Crook County**

Dear Mr. Schommer:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems consisting of the construction of a check valve and air relief valve located in **Section 36, Township 52N, Range 63W**, Crook 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 facility in accordance with **Chapter 12** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 31, 2015**.

This Notification of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage:

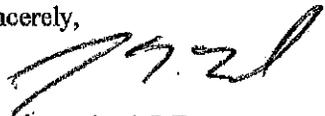
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Additionally, the following permit condition applies:

1. In accordance with Chapter 12, Section 14(i), the City of Sundance must verify that the appropriate backflow prevention device is installed for the stock tank noted in the construction plans.

If you have any questions, please contact me at 307-473-3469.

Sincerely,


Jason Vreeland, P.E.
Assistant NE District Engineer
WDEQ/WQD

cc: IPS, Cheyenne
WDEQ Casper File
Tammy Reed, P.E., Trihydro Corp., 1252 Commerce Drive, Laramie, WY 82070

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337





Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 28, 2013

Dallas Valdez
City of Rock Springs
212 "D" Street
Rock Springs, WY 82901

RE: Rock Springs - Estates at Sandstone - Sewer Main Extensions - Permit Number 13-221, NW ¼ Section 35, T19N, R105W, Sweetwater County

Dear Mr. Valdez:

The above application for coverage under **General Permit to Construct** the extension of a **Public Sewage Collection System** consisting of either Option 1 or Option 2, Option 1 consists of about 932 Linear Feet (LF) of 8-inch PVC sewer main, Option 2 consists of about 1,108 LF of 8-inch PVC sewer main to serve a 17 lot residential subdivision and future development in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne
Robert Gerrard, P.E., JFC Engineers, 1515 Ninth St., Rock Springs, WY 82901



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-223

2013 WELL REHABILITATION PROJECT
PWS WY5600011

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities
2416 Snyder Avenue
Cheyenne, WY, 82001

to construct, install or modify one Municipal Water Supply Well according to the procedures and conditions of the application number 13-223. The facility is located in NW 1/4 of the NW 1/4 of Section 26, T14N R68W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed June 25, 2015.

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

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

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

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

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

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

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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-7610, 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. Separate permits to construct will be required for the improvements necessary to the wells to supply water to a public water system.
3. A check valve must be installed on the 1-inch pipes draining to the gravel drain sumps.
4. 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 and must be completely filled out.
5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

Kevin Frederick

Kevin Frederick
Administrator
Water Quality Division

Todd Parfitt

Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 6-28-13

SWT/rm/13-0584

STATEMENT OF BASIS

1. Permit Number: **13-223**
2. This application was reviewed for compliance with the applicable regulations ;

Chapters 3, 12

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

Yes

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

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on June 26, 2013. 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.



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 7, 2013

Daniel Richard
P.O. Box 974
Moorcroft, WY 82721

RE: Richard Small Wastewater System
Application No. 13-225, Crook County

Dear Mr. Richard:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,250 gallon ICM concrete septic tank, discharging into two Biodiffuser ARC 36 chamber trenches of approximately 10 chambers each, for a three bedroom mobile home located in the NW¼, **Section 20, Township 50N, Range 66W**, Crook 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 facility in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2014.

This Notification of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Additionally, the following permit condition applies:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
2. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.
3. Septic tanks and leachfields must maintain a minimum of ten feet to property lines.

If you have any questions, please contact me at 307-473-3469.

Sincerely,

Jason Vreeland, P.E.
Assistant NE District Engineer
WDEQ/WQD

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

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337





Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 11, 2013

Travis Morgan
P.O. Box 242
Rawlins, WY 82301

RE: Travis Morgan Residential Septic System,
Application No. 13-226, Carbon County

Dear Mr. Morgan:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon, two compartment, concrete septic tank discharging into about 250 feet of chamber type trench leachfield divided into four equal length trenches of at least 35 Hancor EnviroChamber brand, Standard model chamber units each, for a 4 bedroom house, located in the SE¼, of Section 13, T21N, R88W, Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 11, 2015.

The following project specific conditions also apply:

1. Minimum Leachfield Size Requirement - Utilize the amended design that you submitted, as follows: the minimum leachfield size shall be a minimum of 35 Hancor Standard EnviroChamber units divided into four (4) equal length rows of about 63 feet long each. The corrected sheets are included in the approved application packages. Please note, this is a minimum requirement, not a maximum requirement.
2. Isolation Distances: Adhere to all isolation distances as per Chapter 25, Section 4, Table 2. In particular, install potable water lines so that there is a minimum isolation distance of 25 feet separating the potable water lines from the septic tank as well as a minimum of 25 feet separating potable water lines from the absorption system.

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

ADMIN/OUTREACH (307) 777-7738 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7359 FAX 777-5973	LAND QUALITY (307) 777-7156 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7181 FAX 777-5973
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This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-226** in any future correspondence.

If you have any questions, please contact me at roland.peterson@wyo.gov or by phone at (307) 777-7090.

Sincerely,



Roland Peterson, P.G.
Natural Resources Analyst
Water Quality Division
Wyoming Department of Environmental Quality

RAP/rm/13-0641

Enclosures: Certificate of Completion form

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

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

PROJECT: Travis Morgan Septic/Leachfield

APPLICANT: Travis Morgan
P.O. Box 242
Rawlins, WY 82301

WATER QUALITY DIVISION REFERENCE NUMBER: **13-226**

REVIEWING GEOLOGIST: Roland A. Peterson

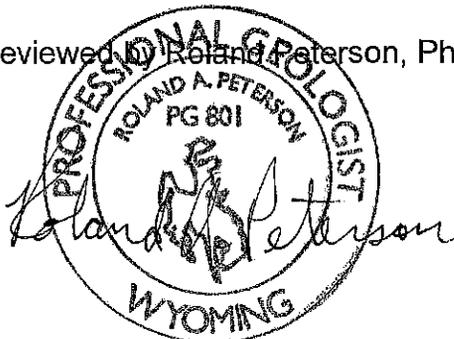
DATE OF REVIEW: June 24, 2013

ACTION: **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 14(a), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS

1. Item #7, page 2 of application: Please clarify how you determined that depth to bedrock is more than 12 feet.
2. On "Four Trench Chambered Leachfield" Diagram: Please provide distance from septic tank to absorption field and distance between trenches. (Fill in all of the boxes on the diagram.)
3. Site Diagram: Please provide isolation distances for wells, property lines, building foundation, portable water pipes, and stream or surface body of water from 1) septic tanks and from 2) absorption system as per Chapter 25, Section 4, Table 2. Include isolation distances of septic tanks and absorption fields from wells on adjacent property.
4. Percolation test results: Please indicate time duration of presoaking test holes.

Reviewed by Roland Peterson, Phone 307-777-7090, email roland.peterson@wyo.gov.



END OF REVIEW

RP/rm/13-0566



Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 18, 2013

Trent A. Morgan
404 9th Street
Rawlins, WY 82301

RE: Trent Morgan Residential Septic System,
Application No. 13-227, Carbon County

Dear Mr. Morgan:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility** consisting of a 1000 gallon, two compartment, concrete septic tank discharging into about 150 feet of chamber type trench leachfield divided into two equal length trenches of at least 12 Hancor EnviroChamber brand, Standard model chamber units each, for a 4 bedroom house, located in the SE 1/4, of **Section 13, T21N, R88W, Carbon County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 18, 2015.

The following project specific conditions also apply:

1. **Septic Tank Clean-Out Riser Requirement** - Either a 6 inch diameter clean-out riser or the manway from each compartment of the septic tank must be extended to the ground surface.
2. **Minimum Leachfield Size Requirement** - because of a mistake reading the percolation rate vs. loading rate table, the leachfield design submitted was more than twice too large. The loading rate factor was adjusted to 0.70 instead of the 0.36 value that was used and the minimum size recalculated. The corrected minimum required leachfield size came out to be one half of what was proposed. Therefore, the minimum leachfield size shall be a minimum of 24 Hancor Standard EnviroChamber units divided into two(2) equal length rows of about 75 feet long each. The corrected sheets are included in the approved application packages. Please note, this is a minimum requirement, not a maximum requirement.

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

ADMIN/OUTREACH (307) 777-7753 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5913	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-227** in any future correspondence.

If you have any questions, please contact me at either ron.ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/13-0543

Enclosures: Certificate of Completion form

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



Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 3, 2013

Town of Saratoga
John Zeiger, Mayor
P.O. Box 486
Saratoga, WY 82331

RE: Brush Creek Ranch Aircraft Hangar at Saratoga Municipal Airport – Percolation Trench,
Application No. 13-228, Carbon County

Dear Mr. Zeiger:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a Small Wastewater Facility consisting of a 400 gallon oil separator and a 4 ft by 4 ft percolation trench for an airport hangar, located in the Southeast ¼, Section 14, T17N, R84W, Carbon County in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 3, 2015.

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. 13-228 in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,

Seth Tourney, P.E.
Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

SWT/rm/13-0482

Enclosures: Certificate of Completion

cc: IPS

Gayle Grider, Brush Creek Ranch, LLC, P.O. Box 2514, Edwards, CO 81632

Chuck Bartlett, Town of Saratoga, P.O. Box 486, Saratoga, WY 82331

Dave Shultz, Sage Engineering, 2824 Big Horn Avenue, Cody, WY 82414

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT No. 13-230

PacifiCorp Jim Bridger Power Plant - FGD Pond 2 Dikes V & VI Modifications

This permit hereby authorizes the applicant:

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

to construct dike modifications consisting of raising existing dikes V & VI about 8 feet in height, according to the procedures and conditions of the application number 13-230. The facility is located about 8 miles north of Point of Rocks, WY, at Lat: 41°45' 30"N, Long: -108° 48' 19"W, Sections 25,26 and 35, T21N, R101W, in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 25, 2015.

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), Southwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

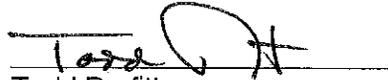
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled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

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

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

7-30-13

Date of Issuance

MDB/rm/13-0701

STATEMENT OF BASIS

1. Permit Number: 13-230
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 requirements of Section 17 of Chapter 3 are being met by PacifiCorp's ongoing groundwater monitoring pump back program which is being conducted with oversight by the Water Quality Division's Groundwater Pollution Control Program.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mark.baron@wyo.gov, and completed on July 25, 2013. 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: Michael W Meyer, P.E., Jim Bridger Power Plant, P.O. Box 158, Point of Rocks, WY 82942

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-231

Reference Permit 08-098

Granite Ridge Subdivision Water System
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

William J. Wiemann
WJW Holdings, LLLP
P.O. Box 3309
Alpine, WY 83128

to construct a Subdivision Water System consisting of an existing water well (Permit 08-098), well house, well house distribution piping and about 2526 linear feet of 4-inch PVC water main to serve 11 residential lots according to the procedures and conditions of the application number 13-231. The facility is located at E ½ Section 9, T36N, R119W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 24, 2015.

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

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

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

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

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

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

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

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

- 1 of 5 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

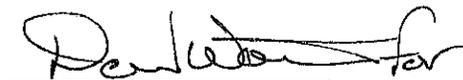
- 2 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.

- 3 of 5 Water quality data such as that for bacteriological contaminants, inorganic contaminants (IOC), volatile organic contaminants (VOC), synthetic organic contaminants (SOC) and radionuclide contaminants must be submitted before the proposed water system is put into service. The well water quality must be in compliance with the United States Environmental Protection Agency (USEPA) National Primary Drinking Water Standards or additional water treatment will be required per Chapter 12, Section 8 (c).

- 4 of 5 Water well yield and drawdown tests must be submitted upon completion of the tests.

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

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

7-30-13
Date of Issuance

MDB/rm/13-0702

STATEMENT OF BASIS

1. Permit Number: 13-231
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
No. The proposed water system is being constructed in compliance with Water Quality Division Policies 11.3 and 14.4.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mark.baron@wyo.gov, Southwest District Engineer and completed on July 24, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-232

High Uinta Ranch - Pressure Dosed Septic System

This permit hereby authorizes the applicant:

Scott Lucas
High Uinta Ranch
1393 E. South Temple
Salt Lake City, UT 84102

to construct a pressure dosed septic system consisting of a 1250 gallon septic tank with a pressure dosed 800 square foot sand mound leach field system sized to serve a three bedroom home according to the procedures and conditions of the application number 13-232. The facility is located about 17 miles southeast of the City of Evanston in Section 6, T12N, R119W in the county of Uinta, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 6, 2015.

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

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

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

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

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

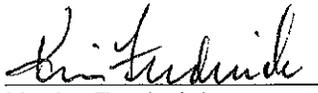
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-7726, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

6-14-13
Date of Issuance

MDB/rm/13-0526

STATEMENT OF BASIS

1. Permit Number: 13-232
2. Application reviewed for compliance with the following regulations:
Yes. 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 has been requested for the depth to seasonal groundwater.
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.

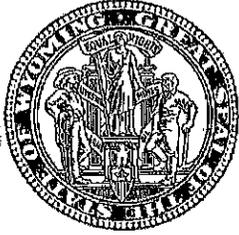
Chapter 11, Section 36 (c)(i) requires that the depth to seasonally high groundwater must be at least four feet from the bottom of the absorption system. Septic effluent will be pressure dosed over 1 foot of sand and 2 feet of native soil for a total separation distance of 3 feet between the bottom of the absorption system and the seasonally high groundwater. The combination of the pressure dosing system and native soil creates a treatment system which is a least equivalent to four feet of unsaturated soil.
5. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.

Not Required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mark.baron@wyo.gov, Southwest District Engineer and completed on June 6, 2013. 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: Jacob Shaun Dustin, P.E., Dustin Engineers, LLC., 169 W 3300 S, Nibley, UT 84321
Don George, Uinta County Complex, 225 Ninth St., Evanston, WY 82930



Department of Environmental Quality

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



Matthew H. Mend, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 27, 2013

AWS Properties

Attn: Susan Orozco
P.O. Box 317
Farson, WY 82932

RE: AWS Properties Camper System,
Application No. 13-233, Converse County

Dear Ms. Orozco:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility** consisting of a 1500 gallon, two compartment, concrete septic tank discharging into about 252 feet of chamber type trench leachfield divided into three equal length trenches lines of about 84 feet each for a campsite consisting of 10 campers at a design flow of 1000 gallons per day, located in the **Sections 18 and 19, T31N, R69W, Converse 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 small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **June 27, 2015**.

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

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

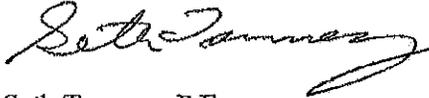
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. **13-233** in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,



Seth Tourney, P.E.
Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

SWT/rm/13-0586

Enclosures: Certificate of Completion

cc: IPS

Mark Staley, Aaron's Water Service, 10 Orin Industrial Avenue, Douglas, WY 82633

Holly Richardson, Converse County Office of Special Projects, 107 N. 5th, Ste B-6, Douglas, WY 82633

REVIEW OF PLANS AND SPECIFICATIONS

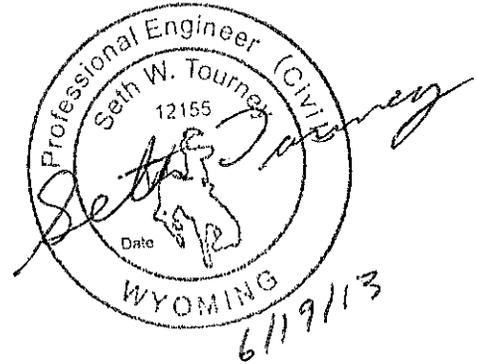
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION
122 West 25th Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: AWS Properties (Septic Tank and Leachfield System)

INSTALLER: Mark Staley (Aaron's Water Service)
10 Orin Industrial Avenue
Douglas, WY, 82633

APPLICANT: Susan Orozco (AWS Properties)
P.O. Box 317
Farson, WY 82932

WATER QUALITY DIVISION REFERENCE NUMBER: 13-233
REVIEWING ENGINEER: Seth W. Tourney
DATE OF REVIEW: June 19, 2013



ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 14(a), Chapter 3, Wyoming Water Quality Rules and Regulations, the application is denied because it is incomplete or does not meet applicable minimum design and construction standards. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with said Section 7. If the applicant fails to provide the requested information within six months the incomplete application shall be returned.

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. The site plan needs to provide additional information:
 - a. The piping layout needs to be shown on the site plan.
 - b. The additional site dimensions as noted on the attached site plan need to be labeled.
2. On Page 14, please clearly specify if 1500 ST whether the proposed septic tank has a single or two compartments.
3. On Page 14, please revise or confirm your answer to the piping network being in a straight line. It does not seem that this is possible with 10 camping units.
4. On Page 14, please confirm all of the answers with a drawing of the pipe network for the proposed system.
5. On Page 27, the actual length between the leachfield and the septic tank needs to be provided.

END OF REVIEW

COMPONENTS

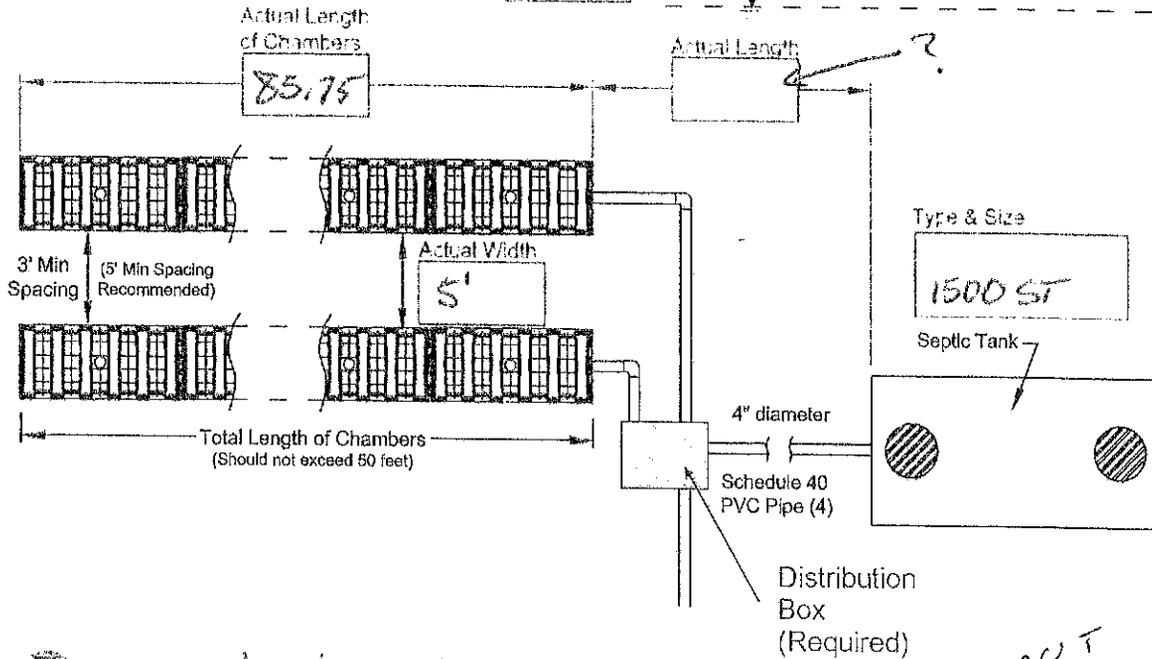
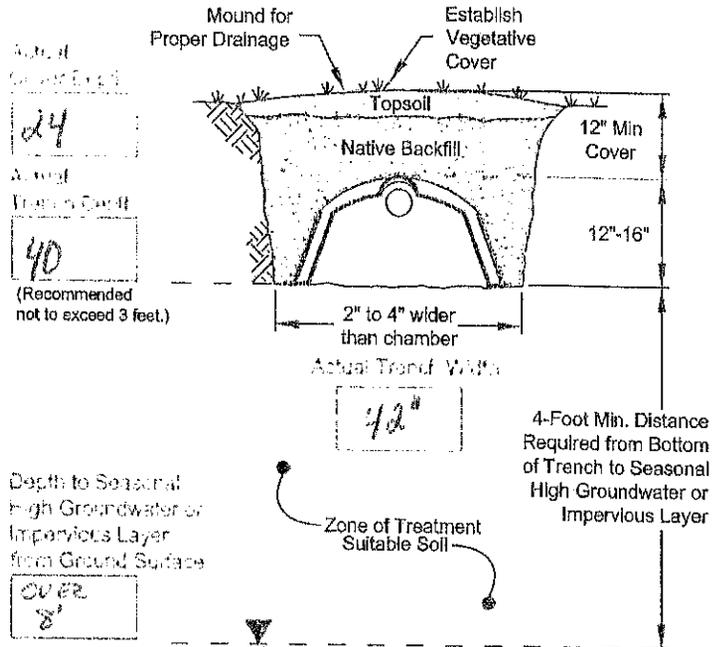
SEPTIC TANK	Is the septic tank on the approved list?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	If yes, provide the following:	Manufacturer:	VAUGHAN CONCRETE PRODUCTS	
		Model:	1500ST	
		Size:	1500 GAL	
	If no, provide the following AND Complete septic tank design worksheet:	Size of tank		
		Number of compartments		
		Tank material		
	For a 4-bedroom (or smaller) house, is the tank size 1,000 gallons or more?		<input type="checkbox"/> Yes	<input type="checkbox"/> No
For homes greater than 4 bedrooms, does the tank have additional capacity of 250 gallons per additional bedroom?		<input type="checkbox"/> Yes	<input type="checkbox"/> No	
Estimated depth of backfill over tank?				
Is the tank equipped with a 6-inch cleanout that extends to the ground surface from each compartment of the tank?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
PIPING	What is the piping material from the house to the septic tank?		PVC	
	What is the pipe size?		4"	
	Is the pipe from the house to the septic tank in a straight line?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	If no, will cleanout ports be installed at any alignment change greater than 22.5 degrees? This is required.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Is the pipe from the house to the septic tank greater than 100 feet?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
	If yes, will cleanout ports be installed? This is required.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Is there a cleanout port just outside of the building? (encouraged, not required)		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Does the piping have a minimum slope of 1/4 inch per foot (2%) for a 4-inch pipe?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Is there a distribution box on the effluent piping?		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Are flow dividers installed on the effluent piping?		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are all leachfield trenches less than 100 feet? This is required.		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
LEACHFIELD DESIGN	Are you using a pipe trench system? IMPORTANT: Complete Part A		<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Are you using a pipe bed system? IMPORTANT: Complete Part B		<input type="checkbox"/> Yes	<input type="checkbox"/> No
	Are you using a chamber trench system? IMPORTANT: Complete Part C		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
	Are you using a chamber bed system? IMPORTANT: Complete Part D		<input type="checkbox"/> Yes	<input type="checkbox"/> No

SINGLE OR TWO COMPARTMENT?
 NOT POSSIBLE FOR SITE PLAN
 VERIFY WITH DRAWINGS

SHEET C4

Multiple Trench Chambered Leachfield

This worksheet is for a trench type leachfield using chamber units. Where boxes appear, please supply the dimensions of your leachfield.



3 equal trenches

SHOW LAYOUT OF TRENCHES

Add Additional Trenches Here
NOTES

1. A level, flat surface is necessary for the chambers.
2. Scarify (rake) the bottom & sidewall surfaces.
3. "Walk in" fill to compact soil along the sides of the chamber.
4. Schedule 40 PVC pipe is required only for the inlet and outlet to the septic tank.

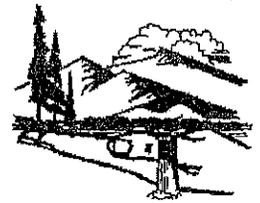


Drawn by: JSB /KJM
April 2006
Revised Feb. 2010



Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 17, 2013

F.E. Warren AFB, WY

Attn: Danna Bullington, Real Property Officer
300 Vesle Drive\
FE Warren AFB, WY 82005

RE: Repair Historic Building 284 at FE Warren AFB,
Application No. 13-234, Laramie County

Dear Ms. Bullington:

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** consisting of installing approximately 120 lineal feet of 6-inch water line, 110 LF of 2-inch water service, and Existing **Sewage Collection Systems** consisting of installing approximately 110 lineal feet of 4-inch sanitary sewer service located in the West ½, Section 26, T14N, R67W, 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, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. If the water line will be constructed underneath any type of sewer or adequate separation distances are not meet in accordance with Wyoming Water Quality Rules and Regulations Chapter 12 Section 14(g), the water line shall constructed with a cement treated fill encasement in accordance with Wyoming DEQ/WQD Policy 14.14.14. This cement treated shall extend from the center of pipe to an offset distance of ten (10) feet in both directions from the sewer crossing.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 17, 2018.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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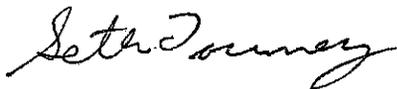
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-234** in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,

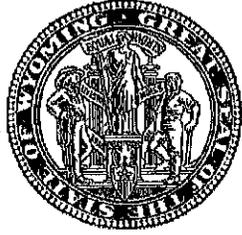


Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

SWT/rm/13-0663

Enclosures: Certificate of Completion form

cc: IPS,
Todd Blanks, Bryan Construction, 161 E. Saturn Drive, Fort Collins, CO 80525
Wayne Harris, Martin/Martin, 12499 W. Colfax Avenue, Lakewood, CO, 80215



Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 9, 2013

F.E. Warren AFB, WY

Attn: Danna Bullington, Real Property Officer
300 Vesle Drive
FE Warren AFB, WY 82005

RE: Repair Historic Building 284 at FE Warren AFB,
Application No. 13-234, Laramie County

Dear Ms. Bullington:

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 consisting of installing approximately 120 lineal feet of 6-inch water line, 110 LF of 2-inch water service, and Existing Sewage Collection Systems consisting of installing approximately 110 lineal feet of 4-inch sanitary sewer service located in the West ½, Section 26, T14N, R67W, 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, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. If the water line will be constructed underneath any type of sewer or adequate separation distances are not meet in accordance with Wyoming Water Quality Rules and Regulations Chapter 12 Section 14(g), the water line shall constructed with a cement treated fill encasement in accordance with Wyoming DEQ/WQD Policy 14.14.14. This cement treated shall extend from the center of pipe to an offset distance of ten (10) feet in both directions from the sewer crossing.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 9, 2013.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	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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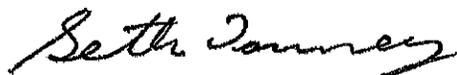
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http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-234** in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,

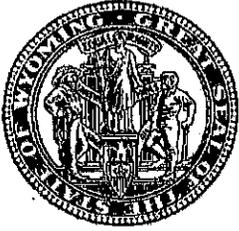


Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

SWT/rm/13-0636

Enclosures: Certificate of Completion form

cc: IPS,
Todd Blanks, Bryan Construction, 161 E. Saturn Drive, Fort Collins, CO 80525
Wayne Harris, Martin/Martin, 12499 W. Colfax Avenue, Lakewood, CO, 80215



Department of Environmental Quality

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



Matt Mead, Governor

Todd Perfitt, Director

NOTIFICATION OF COVERAGE

June 11, 2013

Gary Hutchinson
Town of Lyman
P.O. Box 300
Lyman, WY 82937

RE: Lyman - Clark Street Water Line Replacement - Permit Number 13-235, S ½ Section 29,T16N, R114W, Uinta County

Dear Mr. Hutchinson:

The above application for coverage under **General Permit to Construct** for the replacement of a **Public Water Supply System** consisting of about 187 linear feet (LF) of 10-inch ductile iron water main and about 1058 LF of 10-inch PVC water main in accordance with Chapter 3, Section 7 and Chapter 12, **Section 14** of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne
Gareth Powell, P.E., Uinta Engineering and Surveying, 808 Main St., Evanston, WY 82930

Page 1 of 1

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

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

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-236

Town of Thayne - Wastewater Treatment Facility Upgrade

This permit hereby authorizes the applicant:

Robert E. King
Town of Thayne
P.O. Box 298
Thayne, WY 83127

to construct a sewage lagoon system upgrade with a total treatment capacity of 0.140 MGD. The upgrade will consist of a new aeration system with aerators and piping, the replacement of the synthetic liner in lagoon cell #1, a new head works fine screen, new blower motors and controls according to the procedures and conditions of the application number 13-236. The facility is located about 0.5 miles northwest of the Town of Thayne, Wyoming in SW ¼ Section 14, T34N, R119W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 2, 2015.

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.

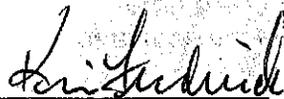
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

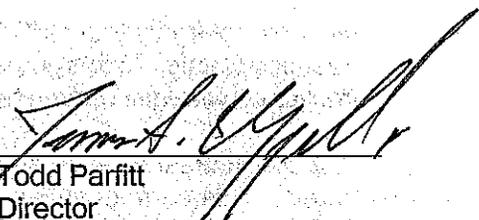
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 4 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 307-332-7726, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 4 of 4 Once the aeration system has been selected the complete design including load calculations for sizing the cable system must be submitted 30 days before construction is to begin. The submitted aeration system design must be stamped and signed by a Wyoming Professional Engineer

AUTHORIZED BY:


Kevin Frederick
Administrator
Water Quality Division


Todd Parfitt
Director
Department of Environmental Quality

10-7-13
Date of Issuance

MDB/rm/13-0971

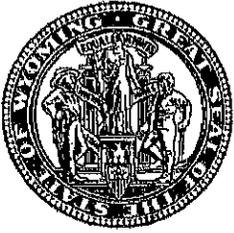
STATEMENT OF BASIS

1. Permit Number: 13-236
2. Application reviewed for compliance with the following regulations:
Yes. Chapters 3, 11 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations indentified above?
Yes.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Groundwater will be protect by the installation of a 60-mil synthetic liner in lagoon cell #1 and an existing synthetic in lagoon cell #2. The installation of the new synthetic liner in lagoon cell #1 meets the requirements of Chapter 11, Section 18 (e)(ii).
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 Kevin Frank, P.E., kevin.frank@wyo.gov, SRF Project Engineer and Mark D. Baron, P.E., mark.baron@wyo.gov, Southwest District Engineer and completed on October 2, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

cc: Robert V. Hood, P.E., Sunrise Engineering Inc., P.O. Box 609, Afton, WY 83110
Kevin Frank, WDEQ/WQD, 152 North Durbin St., Suite 100, Casper, WY 82601



Department of Environmental Quality



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

Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 20, 2013

Robert E. King
Town of Thayne
P.O. Box 298
Thayne, WY 83127

RE: Thayne - Sewage Lagoon Cells 1&2 Bypass -Sewer Main Extension - Permit Number 13-237, SW ¼ Section 14, T34N, R119W, Lincoln County

Dear Mr. King:

The above application for coverage under General Permit to Construct the extension of a Public Sewage Collection System consisting of about 600 Linear Feet (LF) of 12-inch PVC sewer main to temporarily bypass the Town of Thayne's sewage lagoon cells 1&2 to facilitate construction in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne
Robert V. Hood, P.E., Sunrise Engineering Inc., P.O. Box 609, Afton, WY 83110





Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 13, 2013

Gary Thompson, Public Works Director
City of Worland
P.O. Box 226
Worland, WY 82401

RE: Thomas Ave Water Main
DEQ Permit #13-238
Located in Washaki Count, SE ¼, SW ¼, S 25, T47N, R92W; Lat. 44.00941, Long. -
107.960675

Dear Mr. Thompsn,

This project consists of the replacement of existing 4 inch CIP water main with 6 inch class 150 PVC Water Main located on Thomas Ave. between 6th and 8th street.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the the materials submitted in your application package and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems. Construction shall be completed by November 31, 2015

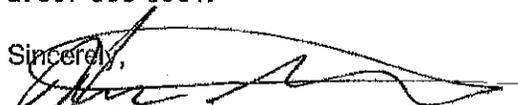
Your attention is directed to the attached Certificate of Completion form, which is to be submitted within 60 days of the completion of the aforementioned project.

These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,


Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Mike W. Donnell, P.E., Donnell and Allred, Inc., P.O. Box 638, Worland, WY 82401

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

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

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726





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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 17, 2013

Paul D. Kauchich
City of Rock Springs
212 D Street
Rock Springs, WY 82901

RE: Rock Springs - Stagecoach Blvd., Summit Drive, Sweetwater Drive - Water and Sewer Main Extensions - Permit Number 13-239, N 1/2 NW 1/4, Section 28, T19N, R105W, Sweetwater County

Dear Mr. Kauchich:

The above application for coverage under **General Permit to Construct** for the extension of a **Public Water Supply System** consisting of about 72 linear feet (LF) of 12-inch PVC water main at the intersection of Summit Drive and Stagecoach Blvd., 62 LF of 12-inch PVC water main at the intersection of Sweetwater Drive and Stagecoach Blvd. and the extension of a **Public Sewage Collection System** consisting of about 105 LF of 12-inch PVC sewer main at intersection of Sweetwater Drive and Stagecoach Blvd. 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 Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne
Shawn M. Arnoldi, P.E., Choice Engineering Services, 404 N. St., Ste. 201, Rock Springs, WY 82901

Page 1 of 1





Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 26, 2013

City of Laramie

Attn: David Derragon, Assistant City Manager
405 Ivinson Street, P.O. Box C
Laramie, Wyoming 82073

RE: Realignment of 24" Water Main,
Application No. 13-240, Albany County

Dear Mr. Derragon:

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** relocating approximately 290 LF of 24-inch water main located in the **Southwest ¼ of Section 35, 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, in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 26, 2018.

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. 13-240 in any future correspondence.

If you have any questions, please contact me at either seth.tourney@wyo.gov or by phone at (307) 777-7088.

Sincerely,

Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division
SWT/rm/13-0578

Enclosures: Certificate of Completion form

cc: IPS

Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming, 82073
Murray Schroeder, WWC Engineering, 611 Skyline Road, Laramie, Wyoming 82070

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality

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environment for the benefit of current and future generations.*



Matthew H. Mead, Governor

152 N. Durbin St., Suite 100 • Casper, WY 82601 • (307) 473-3450

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 11, 2013

Donna Borchgrevink
P.O. Box 141
Hulett, WY 82720

RE: Borchgrevink Small Wastewater System
Application No. 13-241, Crook County

Dear Ms. Borchgrevink:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon J & D Precast concrete septic tank, discharging into four trenches of approximately 10 Biodiffuser Standard chambers each, for a four bedroom home located in the NW¼, Section 4, Township 54N, Range 65W, Crook 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 facility in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 31, 2015**.

This Notification of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Additionally, the following permit condition applies:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
2. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.

If you have any questions, please contact me at 307-473-3469.

Sincerely,

Jason Vreeland, P.E.
Assistant NE District Engineer
WDEQ/WQD

cc: IPS, Cheyenne
WDEQ Casper File
Tim Lyons, Crook County Growth and Development
Randy Gantz, P.O. Box 280, Hulett, WY 82720

Cheyenne
122 West 25th Street 82002
(307) 777-7937

Lander
510 Meadowview Drive 82520
(307) 332-3144

Sheridan
2100 W. 5th Street 82801
(307) 673-9337



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-242

Squaw Creek 2013 Test Well
PWS #WY5600737

This permit hereby authorizes the applicant:

Kevin Boyce, P.G. Project Manager
Wyoming Water Development Commission
6920 Yellowtail Road
Cheyenne, WY 82002

to drill, construct, develop and test a new well for Squaw Creek Water District, according to the procedures and conditions of the application number 13-242. The design depth of the test well is about 600 feet and the anticipated production is 75 gallons per minute (gpm). The new well is within NE ¼ SW ¼ of Section 27, T40N, R116W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2015.

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

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

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

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

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

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

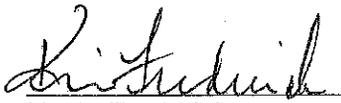
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

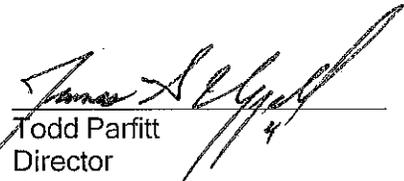
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

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

AUTHORIZED BY:


Kevin Frederick
Administrator
Water Quality Division


Todd Parfitt
Director
Department of Environmental Quality

4-19-13
Date of Issuance

JSB/rm/13-0670

STATEMENT OF BASIS

1. Permit Number: 13-242
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes. However, subsequent plans and specifications must be submitted for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supply wells are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, james.brough@wyo.gov, Northwest District Engineer and completed on July 11, 2013. 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: Kevin Boyce, P.G, Wyoming Water Development Commission, 6920 Yellowtail Rd., Cheyenne, WY 82002
Russell Dahlgren, P.G., 914 East 23rd St., Cheyenne, WY 82001



Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 19, 2013

David Duffy, Mayor
City of Worland
P.O. Box 226
Worland, WY 82401

RE: Circle Road Water Main
DEQ Permit #13-243
Located in Washakie County, NW ¼, NE ¼, S25, T47N, R93W; Lat. 44.019951, Long. - 107.955227

Dear Mayor Duffy,

This project consists of the replacement of existing 4 inch CIP water main with 6 inch class 150 PVC water main in South Circle Road between 10th and 11th street.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct the facility in accordance with the materials submitted in your application package and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems. Construction shall be completed by November 30, 2015.

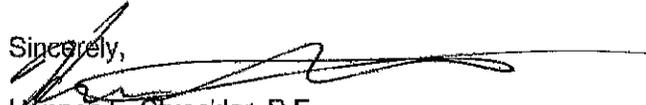
Your attention is directed to the attached Certificate of Completion form, which is to be submitted within 60 days of the completion of the aforementioned project.

These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,


Hannes E. Stueckler, P.E.
Assistant Northwest District Engineer
Water Quality Division

xc: PDF to Cheyenne
Mike W. Donnell, P.E., Donnell and Allred, Inc. P.O. Box 638, Worland, WY

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

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

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-244

Jackson Hole Airport Wastewater Treatment Plant

This permit hereby authorizes the applicant:

Craig Logan, Director of Operations
Jackson Hole Airport Wastewater Treatment Plant
P.O. Box 159
Jackson, WY 83001

to install a packaged membrane bioreactor (MBR) wastewater treatment plant; construct two lift stations, two equalization tanks; and drill one potable supply well; according to the procedures and conditions of the application number 13-244. The MBR will replace existing onsite septic systems and can run continuously between flows of 5,000 gpd to 34,000 gpd. This project also includes the drilling and equipping of a potable supply well that is designed to a total depth of 90 feet and produce about 75 gpm. This project is located at 43° 36' 12" north and 110° 44' 12" West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 31, 2018.

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

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

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

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

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

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

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

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

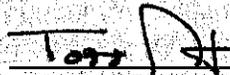
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Dr., Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

8-7-13

Date of Issuance

JSB/rm/13-0737

STATEMENT OF BASIS

1. Permit Number: 13-244
2. Application reviewed for compliance with the following regulations:
Chapters 3,11 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James Brough, james.brough@wyo.gov, Northwest District Engineer and completed on July 29, 2013. 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: Rick Fell, Jacobs, 707 17th St. Suite 2400, Denver, CO 80202
Thomas Kirsten, 270 E Simpson Ave, Jorgensen & Associates, Jackson, WY 83002
PDF to John Passehl, DEQ Cheyenne

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Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 8, 2013

Bo Stocks
P.O. Box 189
Savery, WY 82332

RE: Bo & Kristen Stocks Residential Septic System
Application No. **13-245 Carbon County**

Dear Mr. & Mrs. Stocks:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility** consisting of a 1250 gallon, two compartment, concrete septic tank, discharging into a distribution box and then into about 135 feet of chamber type trench leachfield divided into three equal rows of at least 10 Infiltrator brand, standard Quick4 model chamber units each, for a 4 bedroom home, located in the NW¼ of Section 6, T12N, R90W, Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **July 8, 2015**.

The following project specific condition also applies:

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

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

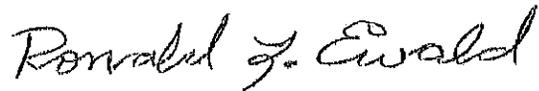
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-5145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7156 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7152 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-245 in any future correspondence.

If you have any questions, please contact me at either ron.ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/13-0613

Enclosures: Certificate of Completion form

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



Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 17, 2013

Ryan Matthews
225 Appaloosa Drive
Bear River, WY 82930

RE: Bear River - Winner Circle Addition - Sewer Main Extensions - Permit Number 13-247, NE 1/4 Section 11, T16N, R121W, Lot 1 of the Winner Circle Addition, Uinta County

Dear Mr. Matthews:

The above application for coverage under **General Permit to Construct** the extension of a **Public Sewage Collection System** consisting of about 320 Linear Feet (LF) of 6-inch PVC sewer main to serve a residential home in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

Sincerely,

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

PDF to Cheyenne

Brent Sanders, P.E., Cook-Sanders Associates, Inc., 105 Yellow Creek Road, Evanston, WY 82930

Troy Nolan, Town of Bear River, 81 Elk Drive, Bear River, WY 82930





Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

July 8, 2013

Caleb L. Goodspeed
1801 Hillside Drive
Laramie, WY 82070

RE: Goodspeed Residential Septic System
Application No. 13-246 Carbon County

Dear Mr. Goodspeed:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility** consisting of a 1000 gallon, two compartment, concrete septic tank, discharging into about 90 feet of chamber type trench leachfield divided into two equal rows of at least 10 Infiltrator brand, standard Quick4 model chamber units each, for a 2 bedroom cabin, located in the SW¼ of Section 10, T18N, R82W, Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **July 8, 2015**.

The following project specific condition also applies:

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

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	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) 777-7152 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
--	---	---	---	--	---	---



Please reference Application No. **13-246** in any future correspondence.

If you have any questions, please contact me at either ron_ewald@wyo.gov or by phone at (307) 777-6183.

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Southeast District, Water & Wastewater Section
Water Quality Division

RLE/rm/13-0611

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Big Huhnks Excavation, Nate Huhnke, 565 N. 5th Street, Laramie, WY 82072
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West Buffalo
Street, Suite 336, Rawlins, Wyoming 82301

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT No. 13-249

Town of Bear River - Sewage Lagoon Mixer Project

This permit hereby authorizes the applicant:

Troy Nolan
Town of Bear River
81 Elk Drive
Bear River, WY 82930

to install three sewage lagoon mixers consisting of one mixer for each cell of the Town of Bear River's Sewage Lagoon System, according to the procedures and conditions of the application number 13-249. The facility is located about 2 miles northeast of the Town of Bear River, WY, at Lat 41.405075, Long -111.016892, NW ¼ Section 1, T16N, R121W, in the county of Uinta, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 17, 2015.

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.

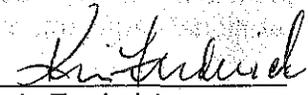
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

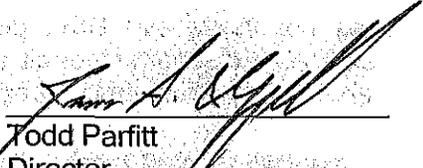
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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), Southwest 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 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 and must be completely filled out.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


Kevin Frederick
Administrator
Water Quality Division


Todd Parfitt
Director
Department of Environmental Quality

12-24-13
Date of Issuance

MDB/rm/13-1215

STATEMENT OF BASIS

1. Permit Number: 13-249
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. Chapter 11 has no rules that address the use of mixers for ice control within sewage lagoons. Chapter 11, Section 5 provides a means to permit the construction of facilities and systems not specifically covered by Chapter 11.

Chapter 11, Section 5 (a)(iv) allows for an evaluation of the flexibility of making corrective changes to the constructed facility in the event it does not function as planned. The owner proposes to track and compare the before installation discharge monitoring results with the after installation results to determine the effectiveness of the mixers.

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

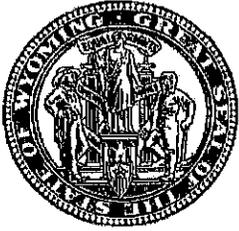
The Bear River Sewage Lagoon System consists of three existing cells constructed under Permit 82-556R. No modifications to the lagoon cell liners are being proposed as part of this Permit to Construct therefore groundwater protection will not change.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mark.baron@wyo.gov, and completed on December 17, 2013. 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: Bart Jensen, P.E., Cook-Sanders Associates, Inc., 105 Yellow Creek Road, Evanston, WY 82930



Department of Environmental Quality



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

Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

June 17, 2013

John Rudnick
MJG Land Company, LLC
P.O. Box 6
Cora, WY 82925

RE: Circle S Ranch - Small Wastewater Treatment System - Permit Number 13-250, NE ¼,
Section 13, T37N, R110W, Sublette County

Dear Mr. Rudnick:

The above application for coverage under General Permit to Construct a Small Wastewater Treatment Facility consisting of a 1000 gallon septic tank, 64 Quick 4 Infiltrators, 200 Linear Feet of 6-inch PVC Sewer Main to serve Five Guest Cabins and a Wash Cabin in accordance with Chapter 3, Section 7 and Chapter 25 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. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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
Jason Zakotnik, P.E., WLC Engineering, P.O. Box 1519, Pinedale, WY 82941

Page 1 of 1

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

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

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

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

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

WATER QUALITY
(307) 332-3144
FAX 332-7726



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

CLASS V INJECTION WELL

() New
(X) Modified (Renewal)

Permit Number **13-251**
Facility Number: WYS-029-089
State Subclass: 5E3
Previous Permit: 03-267

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

Applicant: J Bar 9 Ranch
Attn: Mr. Bob Curtis
3110 Southfork Road
Cody, WY 82414
(307) 587-8578

J Bar 9 Ranch hereafter referred to as the permittee, is authorized to continue operating the septic systems located in the SW1/4 of the NW1/4 of the NW1/4 of Section 9, Township 49 North, Range 105 West of the 6th Principal Meridian, Park County. The permittee is allowed to operate the facility according to the procedures, conditions, and requirements of this permit.

This permit shall become effective on date of issuance.



Kevin Frederick, Administrator
Water Quality Division
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

Aug. 21, 2013
Date



Todd Parfitt, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002

8/21/13
Date

NT/rm/13-0782

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A. Discharge Zone

The injection facilities (sanitary leachfields) are authorized to inject an average of 2,832 gallons per day (calculated as 60% of maximum), and a maximum of 4,720 gallons per day combined total from 3 sanitary leachfields servicing 8 cabins, a bunkhouse, a pool house, a laundry facility, a gym, and the main lodge. The primary treated wastewater is injected into the sand and gravel alluvial aquifer adjacent to the Shoshone River. Depth to groundwater in the vicinity of the leach field is approximately sixty (60) ft, based on the well information for nearby wells.

B. Well and Area of Review

The injection wells authorized by this permit are located as follows:

SW1/4 of the NW1/4 of the NW1/4 of Section 9, Township 49 North, Range 105 West of the 6th Principal Meridian, Park County.

The Area of Review is defined as a circular area of 360 acres with the injection facility located near its center. The Area of Review is based upon the following assumptions:

Table 1 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	10	Years
Porosity	25	Percent
Maximum Injection Rate	4,720	GPD
Thickness of Receiver	25	Feet
Area of Review	360	Acres
Hydraulic Conductivity	10	Feet/Day

C. Groundwater Classification

The groundwater in the alluvial aquifer beneath the permittee's property is classified as Class I according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because the groundwater in this formation is currently being used for domestic purposes at nearby points of withdrawal.

Ground water of Class I shall not be degraded to make it unusable as a source of water for this purpose. An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) can be considered an underground source of drinking water.

D. Authorized Operations

The operator is authorized to inject at a pressure of no more than atmospheric pressure as measured at the leachfield. This pressure is controlled by gravity drainage and is not required to be monitored. The permittee is authorized to inject an average of 2,832 gallons per day and a maximum of 4,720 gallons per day. The wastewater is produced from three (3) sanitary leachfields servicing eight (8) cabins, a bunkhouse, a pool house, a laundry facility, a gym, and the main lodge. The wastewater is injected into the unconfined alluvial aquifer. The wastewater is described as primary treated domestic sewage from three (3) individual leach fields and septic tanks.

If additional sewage flows are added beyond those identified in the permit application, the permittee must submit a revised application and receive a new permit prior to addition/modification of the leach field(s) or treatment system(s).

E. Hazardous Waste

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

F. Proper Operation and Maintenance

The permittee shall take all reasonable steps to minimize or correct any adverse impact on the environment resulting from noncompliance with this permit. The permittee shall operate and maintain all facilities and systems of treatment and control which are installed or used by the permittee to achieve compliance with the conditions of the permit. Proper operation and maintenance includes: effective performance, adequate funding, operator staffing and training, and laboratory and process controls, including appropriate quality assurance procedures. This provision requires the operation of back-up or auxiliary facilities or similar systems only when necessary to achieve compliance with the conditions of this permit. The injection wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapters 11, 16, and 25.

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

G. Entry and Inspection

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

H. Environmental Monitoring Program for Waters of the State

General Requirements:

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. A groundwater sample is considered representative of the aquifer being monitored when the well has been purged to remove stagnant water prior to collection of a sample for laboratory analysis. Purging can be considered complete when a sufficient volume of water has been removed from the well and stabilization of select groundwater parameters has been achieved. It is important to record the circumstances surrounding each

sample collection event at your facility. These records can help resolve analytical discrepancies. Both purging methods below shall be used prior to sample collection:

a. Purge by Volume Method

Removal of a *minimum* of three casing volumes of water from the well should be completed prior to collecting a groundwater sample. Minimum purge volume can be calculated by the following equation:

$$\text{Minimum Purge Volume} = 3 * ((\text{Total Well Depth in feet} - \text{Depth to Water in feet}) * \text{Well Capacity})$$

Where Well Capacity (gallons per foot) is based on well diameter:

2 inch well = 0.163	6 inch well = 1.47
4 inch well = 0.653	8 inch well = 2.61

b. Stabilization of Parameters Method

Purging of groundwater until select field parameters have stabilized can be used to demonstrate that a representative sample was collected. Field parameters measured during purging should include at a minimum temperature, pH, and specific conductance. Field parameters should be measured after removal of every half casing volume of water.

$$\text{Half Casing Volume} = 0.5 * ((\text{Total Well Depth in feet} - \text{Depth to Water in feet}) * \text{Well Capacity})$$

Where Well Capacity (gallons per foot) is based on well diameter:

2 inch well = 0.163	6 inch well = 1.47
4 inch well = 0.653	8 inch well = 2.61

A minimum of six (6) parameter measurements should be collected. If field parameters have not stabilized between the last three readings, purging and parameter measurement should continue until stabilization has been achieved. Stabilization can be demonstrated by a variance of no more than +/- 10% for temperature and specific conductance, and +/- 0.2 standard units for pH.

2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.
3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
4. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The initials or name(s) of the individual(s) who performed the sampling or measurements;

- c. The date(s) analyses were performed;
 - d. The time(s) analyses were initiated;
 - e. The initials or name(s) of the individual(s) who performed the analyses;
 - f. References and written procedures for the analytical techniques or methods used;
 - g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
 6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified 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.
 7. The permittee shall report any noncompliance which may endanger health or the environment within twenty-four (24) hours from the time the operator becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
 - c. A written submission shall be provided within five (5) days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
 8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
 9. The monitoring reports shall be submitted on forms provided by the Department. 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 forty-five (45) days following each schedule date.
 10. Unless a well downgradient from System A can be identified that is located on the permittee's property, or owned by the permittee, one monitor well will be required to be installed at this facility within six (6) months of the authorization date of this permit. The permittee must obtain approval regarding the design and siting of the monitor well prior to installation. The new monitor well shall be constructed down-gradient of the existing leachfields, and drilled until a saturated aquifer is encountered, or to a depth of 250 feet, whichever depth is reached

first. Based on depth to water information from nearby water wells, first groundwater is encountered at approximately sixty (60) feet below ground surface.

I. Requirements for Monitoring Waters of the State

The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in **Table 2a**. The following parameters shall be analyzed semi-annually and reported annually:

Table 2b (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA METHOD	STANDARD METHOD	PERMIT LIMIT or UCL ¹	HOLD TIME & TEMPERATURE
Proposed Monitor well downgradient of leach fields	Semi-Annually (January-June and July-December)	Ammonia as N	350.1	SM 4500-NH ₃	0.50 mg/L	28 days / 4° C
		Nitrate-Nitrite as N	300.0; 353.1; 353.2; or 353.3	4500-NO ₃ or 4110	10 mg/L	28 days / 4° C
		Chloride	300.0; 300.1; or 353.2	4110 B, 4140 B, or 4500-Cl	250 mg/L	28 days / no specified temperature
		pH (standard units; s.u.)	150.1 or 150.2	4500-H+B	6.5-8.5 s.u.	measure in the field at time of sample collection.
	Only when coliform is positive	Total Coliform ²	presence/absence test	9221 or 9222	Absent	24 hours / 4° C
Septic Tanks ³	Monthly	Total volume	Flow meter reading		4,720 gpd	N/A
	Annually	Sludge depth in tank (ft)	Visual		2 feet	N/A

NOTES:

¹ All applicable chemical concentrations in this permit are expressed as total (not dissolved) in mg/L unless otherwise noted.

² A positive test for the presence of Total Coliform may require a follow-on test to determine the concentration and specific type of bacteria in the water.

³ The septic tanks serving J Bar 9 Ranch are to be inspected, at a minimum, annually and must be pumped as necessary based on sludge depth at bottom of the septic tanks, and at least once every five (5) years. A copy of the invoice for pumping the tanks is to be included with the annual report. Sludge depth is not to exceed 24 inches in the septic tanks.

All annual reports are to be reported within forty-five (45) days of the last day of each year (February 15th).

The upper control limits (UCL) in **Table 2a** and **Table 2b** cannot be exceeded in any sample. Exceedance of these values is a violation of this permit and shall require notification under Section K of this permit. If the UCL is exceeded in a sample, additional monitoring wells may be required to determine whether groundwater has been impacted and to delineate the nature and extent of any contamination resulting from operation of the permitted facility.

J. Test Procedures

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

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well abandonment. After that time, those records shall be delivered to the Administrator for disposal or archive at his discretion. Confirmed noncompliance resulting in the migration of injected fluid into any zone outside the permitted receiver shall be reported to the Administrator within twenty-four (24) hours, and a written submission (via certified mail) shall be provided within five (5) days of the time the permittee becomes aware of the excursion. The written submission shall contain: a description of the noncompliance; the period of noncompliance, including exact dates and times, and if the noncompliance has not been controlled, the anticipated time it is expected to continue; and a list of the steps taken or planned to reduce, eliminate, and prevent the recurrence of the noncompliance. Confirmed noncompliance not already reported under this section shall be reported at the time monitoring reports are submitted. The reports shall contain the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of ten (10) years. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit. Under this permit, the Department may consider injection after the expiration date a violation of the permit.

It shall not be a defense for the permittee in an enforcement action that it would be necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. The filing of a request by the permittee, or at the instigation of the Administrator, for permit modification, revocation, termination, or notification of planned changes or anticipated noncompliance shall not stay any condition of this permit.

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

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

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

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.
2. An abandonment report, detailing the compliance with abandonment procedures outlined in the original application for coverage under this permit, or describing any deviations from the original plan, shall be submitted as soon as practicable after abandonment. The abandonment shall include reclamation of the well site.
3. Injection wells covered by this permit shall be abandoned in accordance with Wyoming Water Quality Rules and Regulations, Chapter 16, Section 12.

N. Duties of the Permittee

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

If any cultural materials are discovered during construction, work in the area should halt immediately. The Administrator and the Wyoming State Historic Preservation Office shall be contacted (777-7697) and the materials shall be evaluated by an archaeologist or historian meeting the Secretary of the Interior's Professional Qualification Standards (48 FR 22716, Sept. 1983).

O. Signatories Requirement

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

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

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

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

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

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

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

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

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

P. Noncompliance

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

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

Q. Permit Transfer

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

R. Property Rights

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

S. Severability

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

-End of Permit-