



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

April 12, 2013

Eugene Ninnie
Town of Pinedale
P.O. Box 709
Pinedale, WY 82941

RE: Pinedale Ball Fields - Water Main Extensions - Permit Number 13-101, E 1/4SW 1/4 Section 34, T34N, R109W, Sublette County

Dear Mr. Ninnie:

The above application for coverage under **General Permit to Construct** for the extension of a **Public Water Supply System** consisting of about 50 linear feet (LF) of 6-inch ductile iron water main, 204 LF of 4-inch PVC water main, 232 LF of 6-inch PVC drain line and a 6-inch reduced pressure zone backflow preventer with vault to serve irrigation systems for soccer and little league fields 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
Mark Eatinger, P.E., Rio Verde Engineering, P.O. Box 642, 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



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Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

March 21, 2013

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

RE: NWRWD - Grant Extension - Lovell Service Area
DEQ Permit #13-102
Located in Big Horn County; E1/2, S27, T46N, R96W; Lat 44.8064, Long. -108.3934

Dear Ms. Overfield,

This project consists of the installation of approximately 2,998 linear feet of 3 inch waterline and 1,297 linear feet of 2 inch waterline along Road 11, South of Lovell, to serve eight new service taps.

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 October 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
Cody A. Schatz, Engineering Associates, P.O. Box 1900, Cody, WY 82414

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ABANDONED MINES
(307) 332-6085
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

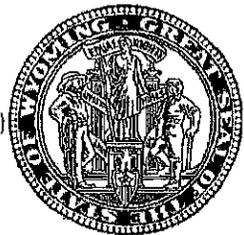
WATER QUALITY
(307) 332-3144
FAX 332-7726



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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 4, 2013

Town of Fort Laramie

Attn: Alexander Jankewicz, Mayor
319 North Laramie Avenue
Fort Laramie, Wyoming 82212

RE: Sanitary Sewer Outfall
Application No. 13-103, Goshen County

Dear Mr. Jankewicz:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of Existing **Public Sewage Collection Systems** consisting of replacing and installing approximately 3,150 lineal feet of 12-inch sewer main and approximately 250 lineal feet of 8-inch sewer main with appurtenances located in the **Southwest ¼, Section 23, T26N, R64W and Northwest ¼, Section 26, T26N, R64W, Goshen County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, 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. The variance on the pipe slopes has been granted in accordance with DEQ Policy 13.9.13 for Very Low Slope Sewer Variance.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by April 4, 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) 777-7152 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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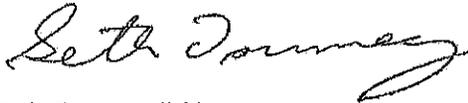
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. 13-103 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/13-0313

Enclosures: Certificate of Completion form

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



Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 4, 2013

Cheyenne Board of Public Utilities

Attn: Jeffrey Pecenka, Supervising Staff Engineer
P.O. Box 1469
Cheyenne, Wyoming 82003

RE: Cheyenne BOPU Five Year Fire Hydrant, Fire Service Line and Service Line Permit
Application No. 13-104, Laramie County

Dear Mr. Pecenka:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems consisting of replacing miscellaneous fire hydrants** located within the service area for the Cheyenne Board of Public Utilities, **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, 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. On December 1st of each year during the duration of this permit, the applicant shall submit report of all fire hydrants replaced under this permit. This report shall include location, static pressure, residual pressure, and available fire flow for each hydrant installed.
2. Under this permit, all fire hydrants must be installed on 6-inch or greater water mains. Any fire hydrants installed on water mains less than 6-inches must be hydraulically justified and approved by Seth Tourney, Southeast Engineer for Department of Environmental Quality / Water Quality Division, prior to installation.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 11, 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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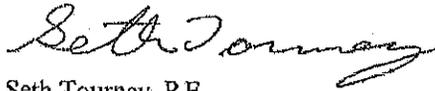
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SETTING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-104 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/13-0315

Enclosures: Certificate of Completion form

cc: IPS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-105

PRAIRIE WIND ELEMENTARY SCHOOL WELL 2

This permit hereby authorizes the applicant:

WYOMING OFFICE OF STATE LANDS AND INVESTMENTS
122 W 25th Street – 3W
Cheyenne, WY, 82002

to construct, install or modify one test well for conversion to one municipal water according to the procedures and conditions of the application number 13-105. The facility is located in NE 1/4 of the SE 1/4 of Section 36, T15N, R67W, Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 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. Separate permits to construct will be required for the improvements necessary to the wells to supply water to a public water system.
3. The concrete pad shall slope away from the well casing to discourage storm drainage and contaminants from remaining near the well casing.
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.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
 - e. As a part of the certificate of completion, the Engineer must certify that all Test Wells have been plugged and abandoned as required by Chapter 11, WQD Rules and Regulations.
5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Fredrick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 4-15-13

SWT/rm/13-0324.

STATEMENT OF BASIS

1. Permit Number: **13-105**
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 12, 26
3. Does the permit comply with all applicable regulations identified above?

Yes, with the exception of the following variance

A variance from Department of Environmental Quality Water Quality Rules and Regulations Chapter 12 Section 9(b)(iii)(C)(III)(2.) requiring the pumping water level to remain above the screen under all operating conditions. This variance is granted to allow access to upper sand lenses in the formation, screen corrosion and scale potential can be maintained by owner, pump will be adequately submersed to alleviate air-lock concerns, and entrained air will be dissipated through storage venting in the future public water supply system.

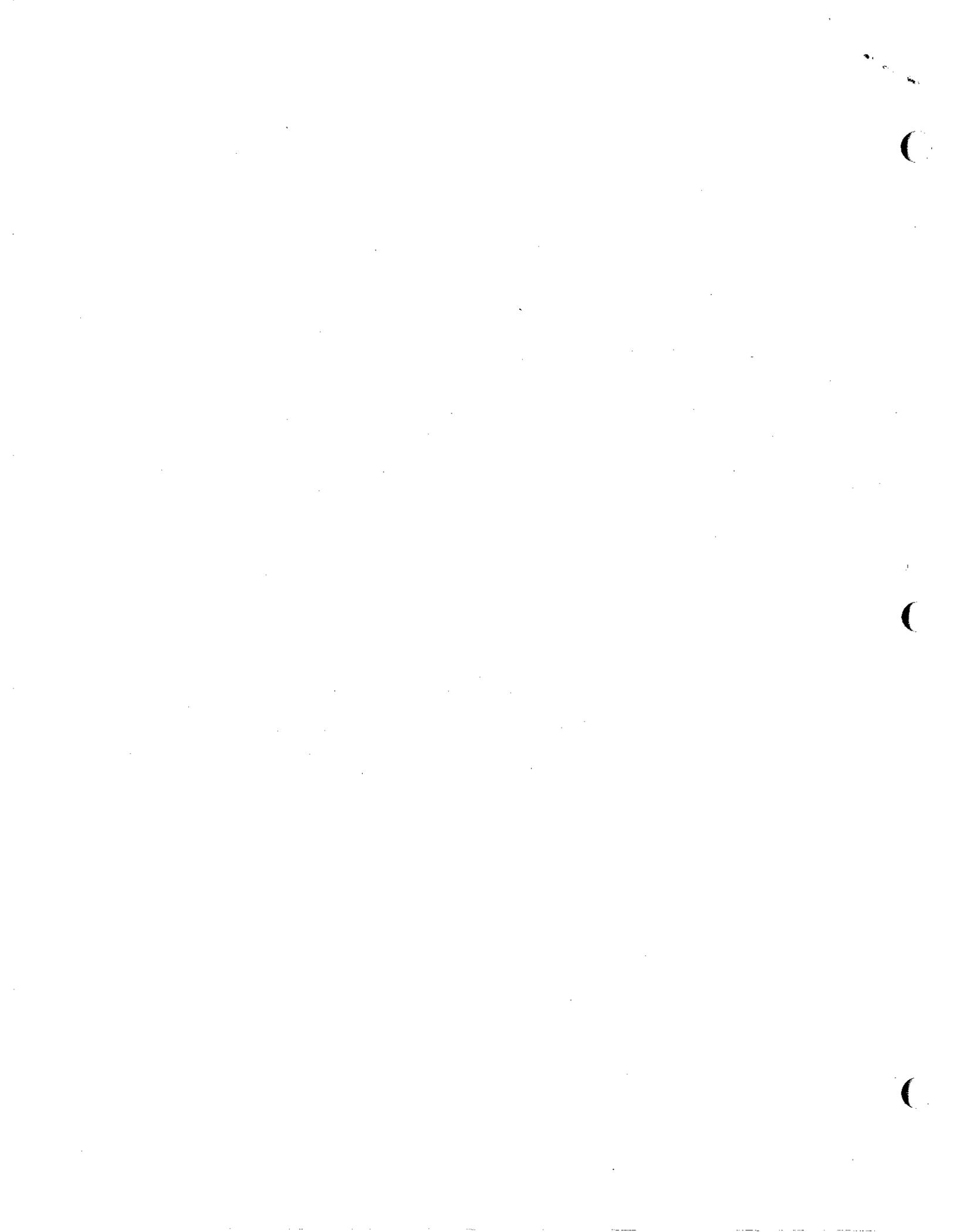
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

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 April 10, 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

March 28, 2013

Wojslaw Marciniak
P.O. Box 308
Rawlins, WY 82301

RE: **Wojslaw Marciniak Replacement Residential Septic System,**
Application No. 13-106, Carbon County

Dear Mr. Marciniak:

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 225 feet of chamber type trench leachfield divided into three equal length trenches of at least 18 *Infiltrator* brand, Quick4 EQ36 model chamber units each, for a 3 bedroom home, located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$ 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 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 **March 28, 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.

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) 777-7156 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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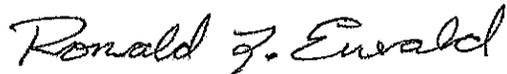
This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:

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

Please reference Application No. **13-106** 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/13-0297

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



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Mathew H. Mead, Governor

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

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 18, 2013

Birch Negaard
P.O. Box 1405
Sundance, WY 82729

RE: Negaard Small Wastewater System
Application No. 13-107, Crook County

Dear Mr. Negaard:

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 pipe and rock trenches approximately 45 feet in length, for a three bedroom home located in the SW $\frac{1}{4}$, Section 32, Township 53N, Range 61W, 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.

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
Mac's Construction, P.O. Box 124, Sundance, WY 82729



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**REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION**

PROJECT: Negaard Small Wastewater System

APPLICANT: Birch Negaard, P.O. Box 1405, Sundance, WY 82729

INSTALLER: Gerald McInerney, P.O. Box 124, Sundance, WY 82729

WATER QUALITY DIVISION APPLICATION NUMBER: 13-107

REVIEWING ENGINEER: Jason Vreeland, P.E.
307.473.3469 or jason.vreeland@wyo.gov

DATE OF REVIEW: April 3, 2013

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 12(a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), this application is **not granted**. 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 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within one month, the incomplete application shall be returned.

1. Please complete all applicable sections of the latest version of the conventional septic system application packet included with this review. Please use this application packet for future projects.
2. The percolation rate was calculated incorrectly. Test hole #1 had a final drop of 1 1/8 inch which would yield a percolation rate of 9 mpi. Please revise the calculations accordingly.
3. Please clarify the depth of rock below the pipe. The earlier section indicates a depth of 12 inches where the later section indicates a depth of 6 inches.

Please make the required corrections and return to Wyoming Department of Environmental Quality, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, Wyoming 82601.



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**REVIEW OF PLANS & SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION**

PROJECT: Humes Small Wastewater System
APPLICANT: Rob Humes, 140 Salt Creek Road, Newcastle, WY 82701
INSTALLER: Owner

WATER QUALITY DIVISION APPLICATION NUMBER: 13-108

REVIEWING ENGINEER: Jason Vreeland, P.E.
307.473.3469 or jason.vreeland@wyo.gov

DATE OF REVIEW: April 4, 2013

ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Section 12(a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), this application is **not granted**. 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 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within one month, the incomplete application shall be returned.

1. The application was incomplete. Please submit pages 23 and 25, or the applicable leachfield design pages of the application packet.
2. The percolation rate was calculated incorrectly. The percolation rate should be calculated as the time interval divided by the final drop value. When conducting three tests the slowest percolation rate should be used. For your test data, Hole #3 had a final drop of 1/8 inch for a percolation rate of 80 minutes per inch. This indicates that the soil in this area may not be suitable for a standard leachfield. If the property has any additional areas that may be suitable for a leachfield, please conduct a percolation test in that area. If there are no other suitable areas on the property, you may be granted a variance to the regulation for this location if a loading rate of 0.25 gpd/ft² is used to size the leachfield.
3. Leachfield trenches are required to be less than 100 feet. Please revise the design accordingly.
4. Please revise the site drawing with the location of the replacement leachfield.

Please make the required corrections and return to Wyoming Department of Environmental Quality, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, Wyoming 82601.

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Matthew H. Mead, Governor

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

Todd Parfitt, Director

June 28, 2013

Rob Humes
140 Salt Creek Road
Newcastle, WY 82701

RE: Return of Application for Humes Small Wastewater System, Application #13-108,
Weston County, WY

Dear Mr. Humes:

The Wyoming Department of Environmental Quality (DEQ) received an application form for a Permit to Construct for a small wastewater system in Weston County. Upon review, DEQ determined that the application was not complete and contained deficiencies. Additionally, DEQ has not received a response to the review dated April 4, 2013; therefore, in accordance with Wyoming Department of Environmental Quality/Water Quality Rules and Regulations Chapter 3, Section 14 – Denial of a Permit or Coverage under a General Permit, we are returning all of the submitted application materials to you, as we are unable to process your application as submitted.

We are including a complete design packet to correct any deficiencies noted in the reviewed previously mentioned above.

If you have any questions, please contact me at (307) 473-3469, or jason.vreeland@wyo.gov.

Sincerely,

Jason Vreeland, P.E.
WDEQ/WQD

cc: Weston County Growth and Development, 1 West Main Street, Newcastle, WY 82701
IPS
WDEQ File



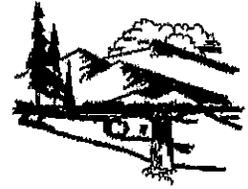
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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

March 29, 2013

Johnny Houge
Teton Village Water and Sewer District
P.O. Box 586
Teton Village, WY 83025

RE: Teton Village Sewer Main Replacement (2013)
DEQ Permit #13-109
Located in Teton County, SW ¼ and SE ¼, S24, T42N, R117W; Lat. 43.5860, Long. -110.8310

Dear Mr. Houge,

This project consists of the replacement of existing clay sewer pipes with HDPE by pipe bursting.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11 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 a Small Wastewater Facility. Construction shall be completed by October 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
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) 332-5085
FAX 332-7726

AIR QUALITY
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FAX 332-7726

LAND QUALITY
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FAX 332-7726

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

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



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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-110

Cakebread Ranches Day Lodge -Public Water System
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Steve and Jill Cakebread
P.O. Box 3529
Alpine, WY 83128

to construct a transient public water supply system consisting of an existing water well, new distribution piping and UV disinfection system to serve a Day Lodge, Gift Shop, Restaurant and Office according to the procedures and conditions of the application number 13-110. The facility is located about 3.5 miles northwest of the Town of Thayne at Long: 111° 1' 28" W and Lat: 42° 57' 59" N, in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 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, 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.

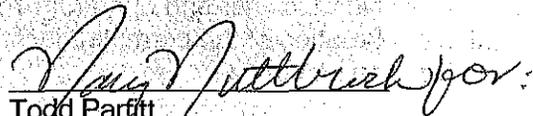
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Kevin D. Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

4-22-13

Date of Issuance

MDB/rm/13-0346

STATEMENT OF BASIS

1. Permit Number: 13-110
2. Application reviewed for compliance with the following regulations:

Yes. Chapters 3, and 12 of the Wyoming Water Quality Rules and Regulations.

Chapter 12, Section 8 (d)(iii) requires an alternative source of power. Since the proposed water system is a transient system a variance is granted.

Chapter 12, Section 8 (b)(i) requires either two water wells or storage. Since the propose water system is a transient system a variance is granted.

Chapter 12, Section 9 (b)(iii)(D)(IV)(1.) requires that pitless units for water wells be shop fabricated. Since a pitless weld on adapter was installed per the manufacturers recommendations a variance is granted.

Chapter 12, Section 9 (b)(B)(iii)(C)(IV)(1.) requires neat cement grout to be used for 2-inch annular openings between the water well bore hole and casing. Bentonite chips were used to seal the existing water well annular opening. Since water testing does not indicate a seal failure a variance is granted.

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

Not Required.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of 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 April 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: Brian Lenz, P.E., Jorgensen Associates, P.C., P.O. Box 9550, Jackson, WY 83002

10/11/2011

The following information was obtained from the records of the [redacted] regarding the [redacted] on [redacted] at [redacted].

[redacted] was born on [redacted] at [redacted]. [redacted] is currently residing at [redacted].

[redacted] has been employed by [redacted] since [redacted]. [redacted] is currently employed as a [redacted].

[redacted] has no criminal record. [redacted] has no outstanding warrants. [redacted] is currently on parole.

[redacted] is currently residing at [redacted]. [redacted] is currently employed as a [redacted].

[redacted] is currently on parole. [redacted] is currently residing at [redacted].

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

CLASS V INJECTION WELL

- New
 Modified
 Renewal

Permit Number: 13-111
Facility Number: WYS-033-00258
State Subclass: 5E3

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: Elkhorn Trailer Park
Helen and Larry Hanft
HC64 192 Beckton Road
Dayton, WY 82836

Elkhorn Trailer Park, hereafter referred to as the permittee, is authorized to operate the septic system located in the NE¼ of the NW¼ of Section 18, Township 55 North, Range 88 West, of the 6th Principal Meridian, Sheridan County, WY. The permittee is allowed to operate the facility according to the procedures and conditions of application 13-111, and requirements and other conditions of this permit.

This permit shall become effective on the date of issuance and is valid for ten (10) years.



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

Aug. 22, 2013
Date



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

8/22/13
Date

CMc/rm/13-0791

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A. Discharge Zone

This injection facility (sanitary leachfield) is authorized to inject 2,280 gallons per day average and 3,800 gallons per day maximum. The primary treated wastewater is injected into the alluvial aquifer. Depth to groundwater in the vicinity of the leachfield is approximately six (6) feet, based on observations made during a subsurface investigation performed in the Spring of 2012, by the permittee's consultant.

B. Well and Area of Review

The injection well authorized by this permit is located as follows:

NE¼ of the NW ¼ of Section 18, Township 55 North, Range 88 West, of the 6th Principal Meridian, Sheridan 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 information:

Table 1 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	10	Years
Porosity	20	Percent
Maximum Injection Rate	3,800	GPD
Thickness of Receiver	6	Feet
Area of Review	360	Acres
Hydraulic Conductivity	5	Feet/Day

C. Groundwater Classification

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

Groundwater 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 leach field. This pressure is controlled by gravity drainage and is not required to be monitored. The permittee is authorized to inject a maximum of 3,700 gallons per day. The wastewater is produced from a seasonal trailer park with 38 plumbed camp/trailer sites. The wastewater is injected into the unconfined alluvial aquifer. The wastewater is described as primary treated domestic sewage from a septic tank.

If additional sewage flows are added beyond those identified in the permit application, the leach field and/or treatment system may need to be enlarged in which case the permittee must submit a revised application and receive a new permit prior to modification of the leach field or treatment system.

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 Groundwaters 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. One or both purging methods below shall be used prior to sample collection:

a. Purge by Volume Method

Removal of a *minimum* of three (3) 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. A new monitor well (MW-1; see **Table 2**) shall be constructed downgradient and north of the existing leachfields by December 31, 2013. The monitor well shall be drilled until a saturated aquifer is reached and be at least 20 feet in depth. The monitor well shall be screened into this aquifer, with the screen placed across the static water level. This well shall be sampled for baseline ground water constituents listed in Wyoming Water Quality Rules

and Regulations, Chapter 8, Table 1 and reported to the Department upon completion of the well.

11. The permittee's public supply spring (P29347D), which is located cross-gradient, is required to have a one-time baseline sample taken to analyze for Nitrate, Ammonia, Chloride, pH, and Total Coliform.

THIS AREA WAS INTENTIONALLY LEFT BLANK

I. Requirements for Monitoring Groundwaters of the State

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

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA METHOD	STANDARD METHOD	PERMIT LIMIT or UCL	HOLD TIME & TEMPERATURE
MW-1 Monitor well, downgradient of leachfield	Semi-Annually (January-June and July-December)	Ammonia as N	350.1	SM 4500-NH3	0.50 mg/L	28 days / 4° C
		Nitrate-Nitrite as N	300.0; 353.1; 353.2; or 353.3	4500-NO3 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 as soon as possible.
Septic Tank ₁	Monthly (during active months)	Total volume	Flow meter reading		3,800 gpd	N/A
	Annually	Sludge depth in tanks (ft)	Visual		2 feet	N/A

NOTES:

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

¹ The septic tanks serving the Elkhorn Trailer Court are to be inspected, at a minimum, annually and must be pumped as necessary based on sludge depth at bottom of the septic tank, 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 tank.

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

The above upper control limits (UCL) 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 alteration 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-



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

August 22, 2013

Elkhorn Trailer Park
Attn: Larry Hanft
HC64, 192 Beckton Road
Dayton, WY 82836

RE: Elkhorn Trailer Court, WYS-033-00258
Permit **13-111**, Class V Septic System Permit
Sheridan County, Wyoming

Dear Mr. Hanft:

Attached please find one copy of the Class V septic system permit for the facility referenced above. The permit requires a one-time sampling of the water supply from the spring that services this facility, as well as a one-time baseline sampling of the new monitor well that is to be installed downgradient of your leachfield (Section H, Items 10 & 11). This permit also requires semi-annual sampling of MW-1 and annual inspection and periodic pumping of the septic tanks (Section I). The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link). For your convenience, the Wyoming Department of Environmental Quality (WDEQ) has printed the inspection forms and enclosed them in this mailing. Please use the exact well names used in your permit when reporting data to avoid any miscommunications.

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

If you have any questions please do not hesitate to contact me at the below referenced phone number or email.

Sincerely,

Carol McAdams, GIT
Wyoming Department of Environmental Quality
Water Quality Division
(307) 777-2960
carol.mcadams@wyo.gov
CMc/rm/13-0791

Enclosure: Final Permit #13-111
Monitoring Report Forms

cc: John Passehl, WDEQ

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

April 23, 2013

Mr. Brian J. Edwards
Holm, Blough and Company
Consulting Engineers and Land Surveyors
1402 Stampede Ave.
Cody, WY 82414

RE: Yellowstone Valley Inn – Replacement of Septic Systems #2, #3, and #4
Facility Number WYS-029-00148, Permit# - 13-112, Class V Injection Wells
Park County, Wyoming

Dear Mr. Edwards:

Attached, please find comments developed by the Wyoming Department of Environmental Quality (WDEQ) with respect to the content and adequacy of the Wyoming Water Quality Rules and Regulations, Chapter 13, request for modification of a Class V Injection Well Permit.

The WDEQ received this request for modification on March 6, 2013 and has until May 4, 2013 to make an initial determination of completeness. Re-submittal of information by an applicant on an incomplete application will begin a new 60 day review process. Pursuant to Chapter 13, Section 6 during any 60 day review period where an application is determined complete, a draft permit for issuance or denial shall be prepared and a public notice provided pursuant to Chapter 13, Section 19.

Please feel free to contact me at (307) 777-8275 should you have any questions related to these comments or the application and review process.

Sincerely,

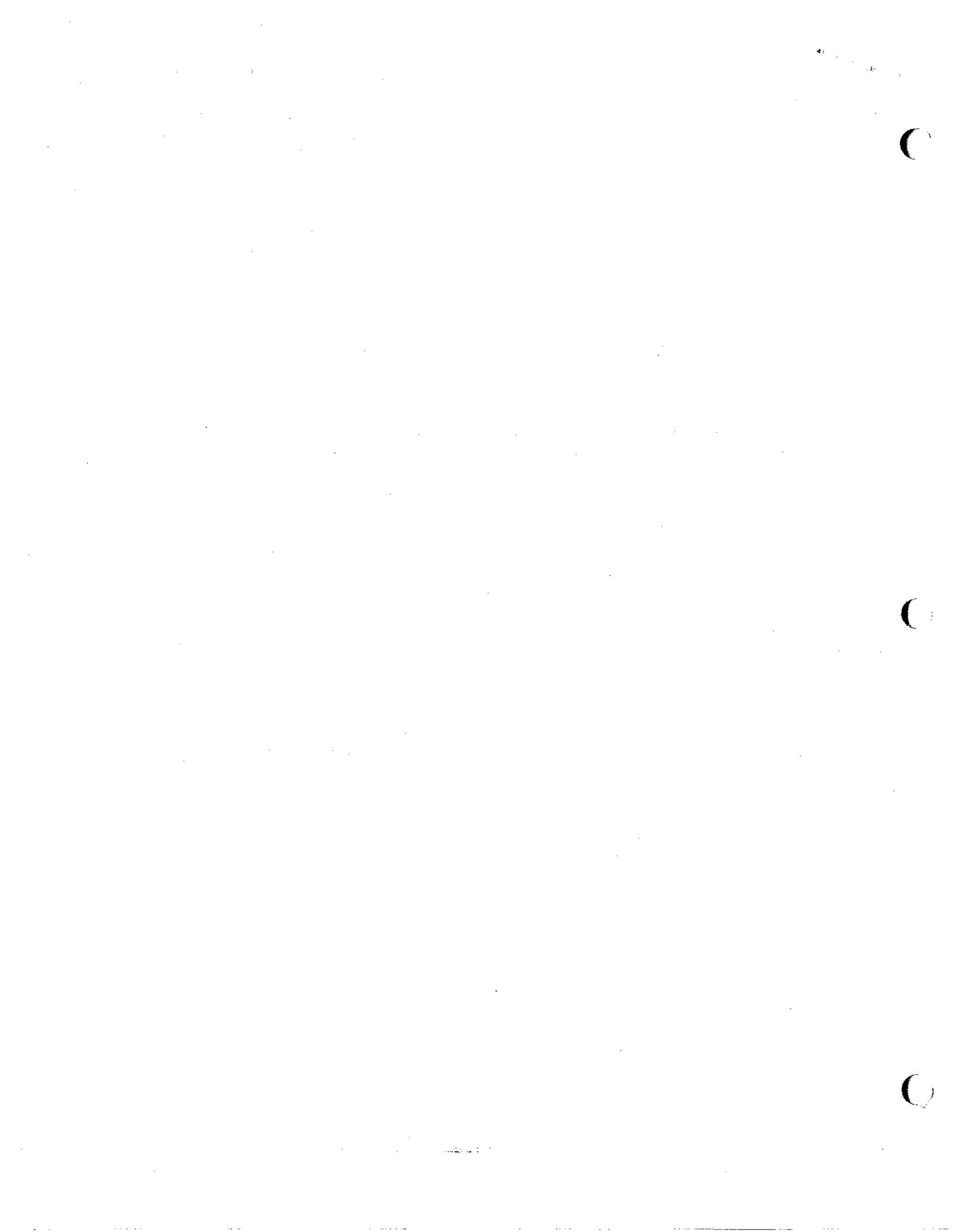
Nicole Twing, P.G.
Wyoming Department of Environmental Quality
Project Geologist
Water Quality Division

NT/rm/13-0361

Attachments: WDEQ Comments

cc: John Passehl, WDEQ
Ron Jordan, Yellowstone Valley Inn, 3324 Yellowstone Park Highway, Cody, WY 82414





**UNDERGROUND INJECTION CONTROL PROGRAM
REVIEW COMMENTS:
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS**

***WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION***

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002
307-777-7781

PROJECT: Application 13-112
Yellowstone Valley Inn Septic System #2, #3, and #4 replacement

LOCATION: Park County

APPLICANT: Ron Jordan, owner
Yellowstone Valley Inn
3324 Yellowstone Park Highway
Cody, WY 82414

OWNER: Ron Jordan

CONSULTANTS:

GEOLOGIST none listed

ENGINEER Brian J. Edwards
Holm, Blough and Company
Consulting Engineers & Land Surveyors
1402 Stampede Ave
Cody, WY 82414

TITLE: *"Replacement of Septic System #5"*

PLANS SPECS PROPOSAL REPORT

DATE ON PROPOSAL/PLANS/REPORT: March 3, 2013

DATE RECEIVED BY WDEQ: March 6, 2013

WDEQ REVIEWER: Nicole Twing, Geologist
Ron Ewald, Engineer

DATE OF THIS REVIEW: April 22, 2013

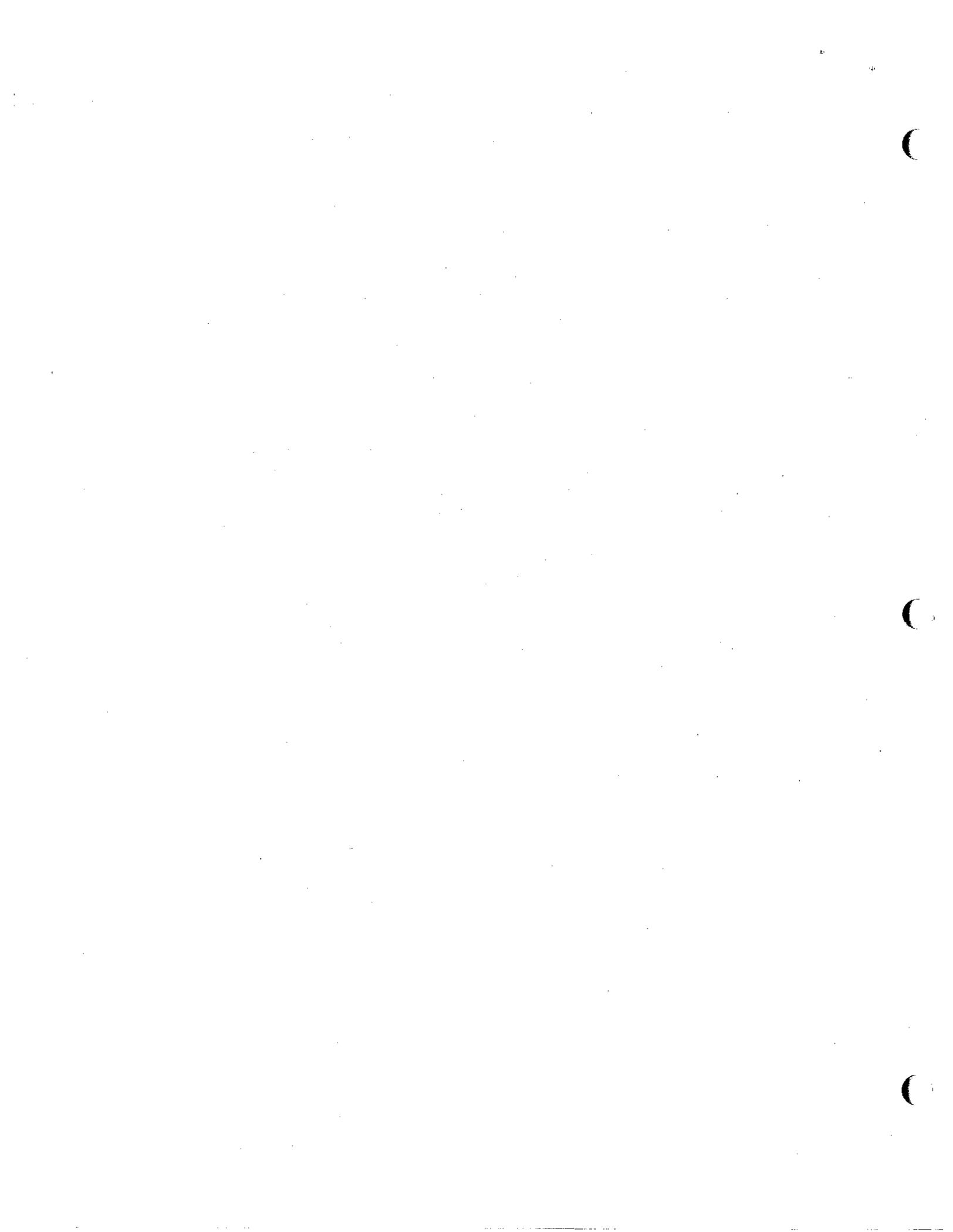
ACTION: Application Incomplete; See Attached Comments
REVIEW COMMENTS:

C

C

C

1. Technical Engineering Review Extent – The extent of the technical engineering review was limited to the replacement of Septic Systems SS-2/INJ-2, SS-3/INJ-3, and SS-4/INJ-4 only, as per the March 6, 2013 request for system replacement. The replacement systems for these septic systems were reviewed for system design loads, septic tanks, sizing, and design of leachfields, and the layout of the systems. Based on the application, SS-2 will be replaced and SS-3 and SS-4 will be combined into one new system.
2. Abandonment: How will the septic tanks and lines from SS-2, SS-3, and SS-4 be abandoned?
3. Effective Length of Quick4 Chamber Units: When connected together, a Quick4 chamber unit only add 4.0 running feet (ft) to the length of the chamber row. In other words, when placed in position, the effective length is 4.0 ft, not 4.5 ft. This will affect the total length of the design trenches (add 5 ft for end caps).
4. Minimum Number of Chamber Units Required: When calculating this number, always round up to the nearest whole number.
5. Minimum Required Distance Between Trenches to be Used as a Replacement Leachfield Area: The minimum required distance between trenches is an absolute minimum of 9.0 ft, not +/- 9 ft. To allow for variation during digging, 10 feet of undisturbed soil between trenches is recommended to ensure that the in-between space is useable as a trench replacement area.
6. Clean-Outs: Will there be clean-outs installed at changes of direction or junctions of the sewage collection pipes, or at no more than 100 foot intervals? Please show the locations of any clean-outs on the plans.
7. Total Facility Revised/Updated Design Flow: Please indicate what the revised/updated total design flow for the entire YVI UIC facility is after these changes. Break it down sub-system by sub-system, including the systems that are not being changed in this application.
8. Percolation Test Locations and Report: Where were the referenced percolation (perc) tests done at onsite? How is this area 'similar' to the proposed construction areas? Please include the referenced perc tests done by Jones Engineering.
9. Replacement System SS-2/INJ2:
 - a. Location of the Four Additional RV Spaces - Where are the four additional RV space that will be connected to this system located? How are they connected to the system?
 - b. Maximum Length of Chamber Trenches - The three chambers for this replacement system are designed to be 105 feet long. From experience, the DEQ recommends that chamber trenches be no longer than 80 feet long. You may wish to consider 4 trenches instead of 3 trenches.
10. Replacement System SS-3/4 / INJ-3/4:
 - a. Leachfield Trench Layout – The plans for this leachfield show three trenches all of different lengths. There is room to layout three trenches of equal length.





Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 4, 2012

Cheyenne BOPU

Attn: Jeff Pecenka, Engineer
2416 Snyder Avenue
Cheyenne, Wyoming 82001

RE: 2013 Sewer Manholes Project
Application No. 13-113, Laramie County

Dear Mr. Pecenka:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Sewage Collection Systems** consisting of replacing existing miscellaneous sanitary manholes in the same location with the same diameter that are located within the service area for Cheyenne BOPU, **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 11, Section 9** 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.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 23, 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. 13-113 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/13-0314

Enclosures: Certificate of Completion form

cc: IPS







Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 23, 2013

City of Laramie
Department of Public Works
Attn: Richard Elliott, Director of Public Works
P.O. Box C
Laramie, WY 82073

RE: South Laramie Water Supply Project
Application No. 13-114, Albany County

Dear Mr. Elliott:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of an Existing **Public Water Supply Distribution System** consisting of a total of approximately 11,000 feet of 12" PVC C900 DR14 and 8,000 feet of 14" PVC C905 DR14 water main, new gate valves, fire hydrants, and air/vac vaults as specified, and two Pressure Reducing Valve vault stations, located in the **SE $\frac{1}{4}$ of Section 9, the NE $\frac{1}{4}$ & W $\frac{1}{2}$ of Sec 10, and the SE $\frac{1}{4}$ of Sec 3, 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, 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 April 22, 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. 13-114 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
Water Quality Division

RLE/rm/13-0351

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne

Lynn Hill, DOWL HKM, 1575 North 4th Street, Suite 105, Laramie, WY 82072

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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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 24, 2013

City of Laramie

Attn: Dave Derragon, Public Works Director
405 Grand Avenue (P.O. Box C)
Laramie, Wyoming 82070

RE: Laramie 2012 SPT Project – Phase 3 Schedule 4 – 19th Street Waterline,
Application No. 13-116, 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 1,250 LF of 10-inch and 285 of 8-inch PVC water main located in the **South ½, 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, 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. Section 2665 E.6 – Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **May 24, 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>

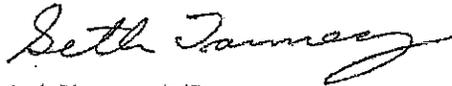
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-116 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,



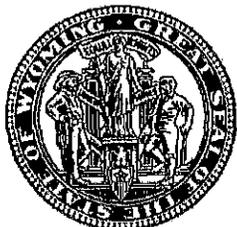
Seth Tourney, P.E.
Southeast District Engineer
Water Quality Division

SWT/rm/13-0473

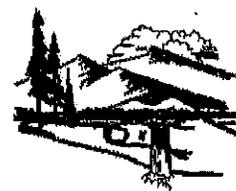
Enclosures: Certificate of Completion form

cc: IPS

C. Jade Gemant, DOWL HKM, 1575 North 4th Street, Suite 105, Laramie, Wyoming 82072
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming 82072



Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

April 22, 2013

Ron Granger, Vice President for Administrative Services
Central Wyoming College
2660 Peck Ave.
Riverton, WY 82501

RE: CWC Pro-Tech Remodel and Addition
DEQ Permit #13-117
Located in Fremont County, NE ¼, SE ¼, S29, T1N, R4E

Dear Mr. Granger,

This project consists of the addition of a 4 inch PVC fire supply line, the replacement of 8 inch vitrified clay sewer pipe with schedule 40 PVC pipe, and the addition of a 4 inch schedule 40 PVC sewer service.

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 October 31, 2013

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
Jeff Young, Trihydro Corporation, 350 Garfield, Lander, WY 82520

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) 332-6765
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







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

April 12, 2013

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

RE: Casper Streets – 2013 Miscellaneous Sanitary Sewer Lining
Application No. 13-118, Natrona County

Dear Mr. Beamer:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems, consisting of the the lining of 6,300 feet of sanitary sewer located in **Section 9, Township 33N, Range 79W**, Natrona 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 11** 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 307-473-3469.

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Alex Sveda, P.E., City of Casper, 200 N. David Street, Casper, WY 82601





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
 Modified
 Renewal

Permit Number: **13-119**
Facility Number: WYS-039-033
State Subclass: 5E3

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: Flat Creek Motel
1935 N Hwy 89
Jackson, WY 83002

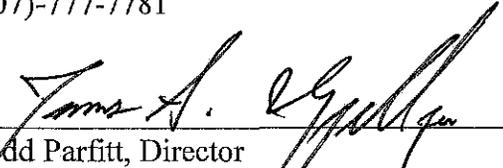
Flat Creek Motel, hereafter referred to as the permittee, is authorized to operate the septic system located in the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 22, Township 41 North, Range 116 West, of the 6th Principal Meridian, Teton County, WY. The permittee is allowed to operate the facility according to the procedures and conditions of application **13-119**, and requirements and other conditions of this permit.

This permit shall become effective on the date of issuance and is valid for ten (10) years.



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

7-4-13
Date



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

7/6/13
Date

CMc/rm/13-0610

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A. Discharge Zone

This injection facility (sanitary leachfield) is authorized to inject 4,500 gallons per day average and 7,500 gallons per day maximum. The primary treated wastewater is injected into the unconfined alluvial aquifer. Depth to groundwater in the vicinity of the leachfield is approximately ten (10) feet, based on test borings dug near the points of injection.

B. Well and Area of Review

The injection well authorized by this permit is located as follows:

NE¼ of the NW ¼ of Section 22, Township 41 North, Range 116 West, of the 6th Principal Meridian, Teton 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 information:

Table 1 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	10	Years
Porosity	20	Percent
Maximum Injection Rate	7,500	GPD
Thickness of Receiver	10	Feet
Area of Review	360	Acres
Hydraulic Conductivity	8	Feet/Day

C. Groundwater Classification

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

Groundwater 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 leach field. This pressure is controlled by gravity drainage and is not required to be monitored. The permittee is authorized to inject a maximum of 7,500 gallons per day. The wastewater is produced from a 75-room motel, and a gas station. A proposed future sandwich shop and employee housing may be added to the system at a future time, and the above rate is inclusive of those additional sewage flows. The wastewater is injected into the unconfined alluvial aquifer. The wastewater is described as primary treated domestic sewage from a septic tank.

If additional sewage flows are added beyond those identified in the permit application, the leach field and/or treatment system may need to be enlarged in which case the permittee must submit a revised application and receive a new permit prior to modification of the leach field or treatment system.

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 Groundwaters 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. One or 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. The permittee's supply well (P76783W) which is upgradient of the leachfields, shall be sampled once to obtain baseline data. The parameters to be analyzed will be Nitrate, Ammonia as N, Chloride, pH and Total Coliform.

I. Requirements for Monitoring Groundwaters of the State

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

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA METHOD	STANDARD METHOD	PERMIT LIMIT or UCL	HOLD TIME & TEMPERATURE
MW-119 and MW-120 Monitor wells, downgradient of leachfield	Semi-Annually (January-June and July-December)	Ammonia as N	350.1	SM 4500-NH3	0.50 mg/L	28 days / 4° C
		Nitrate-Nitrite as N	300.0; 353.1; 353.2; or 353.3	4500-NO3 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 as soon as possible.
		Depth to static water level		Steel tape	N/A	N/A
Septic Tanks ¹	Monthly	Total volume	Flow meter reading		7,500 gpd	N/A
	Annually	Sludge depth in tanks (ft)	Visual		2 feet	N/A

NOTES:

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

¹ The septic tanks serving the Flat Creek Motel are to be inspected, at a minimum, annually and must be pumped as necessary based on sludge depth at bottom of the septic tank, 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 above upper control limits (UCL) 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 alteration 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-

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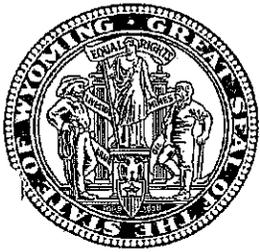
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Department of Environmental Quality

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

July 3, 2013

Leon Nelson
1409 N. 400 W
American Fork, UT 84003

RE: Flat Creek Motel
Final Permit 13-119, Class V Septic System Renewal
Teton County, Wyoming

Dear Mr. Nelson:

Attached please find one copy of the Class V septic system permit for the facility referenced above. This permit requires annual inspection and periodic pumping of the septic tanks, semi-annual sampling of the downgradient monitoring wells (MW-119 and MW-120) and a one-time baseline sample of the upgradient supply well (P76783W). The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link), or you may have the lab submit them using 'Report Data Loader' link at the following site: <http://gem.wqd.apps.deq.wyoming.gov>.

For your convenience, the Wyoming Department of Environmental Quality (WDEQ) has printed the inspection forms and enclosed them in this mailing, you may use the paper forms to report your inspection and monitoring activities to WDEQ. Please use the exact well names used in your permit when reporting data to avoid any miscommunications.

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

If you have any questions please do not hesitate to contact me at the below referenced phone number or email.

Sincerely,

Carol McAdams, GIT
Wyoming Department of Environmental Quality
Water Quality Division
(307) 777-2960
carol.mcadams@wyo.gov
CMc/rm/13-0610

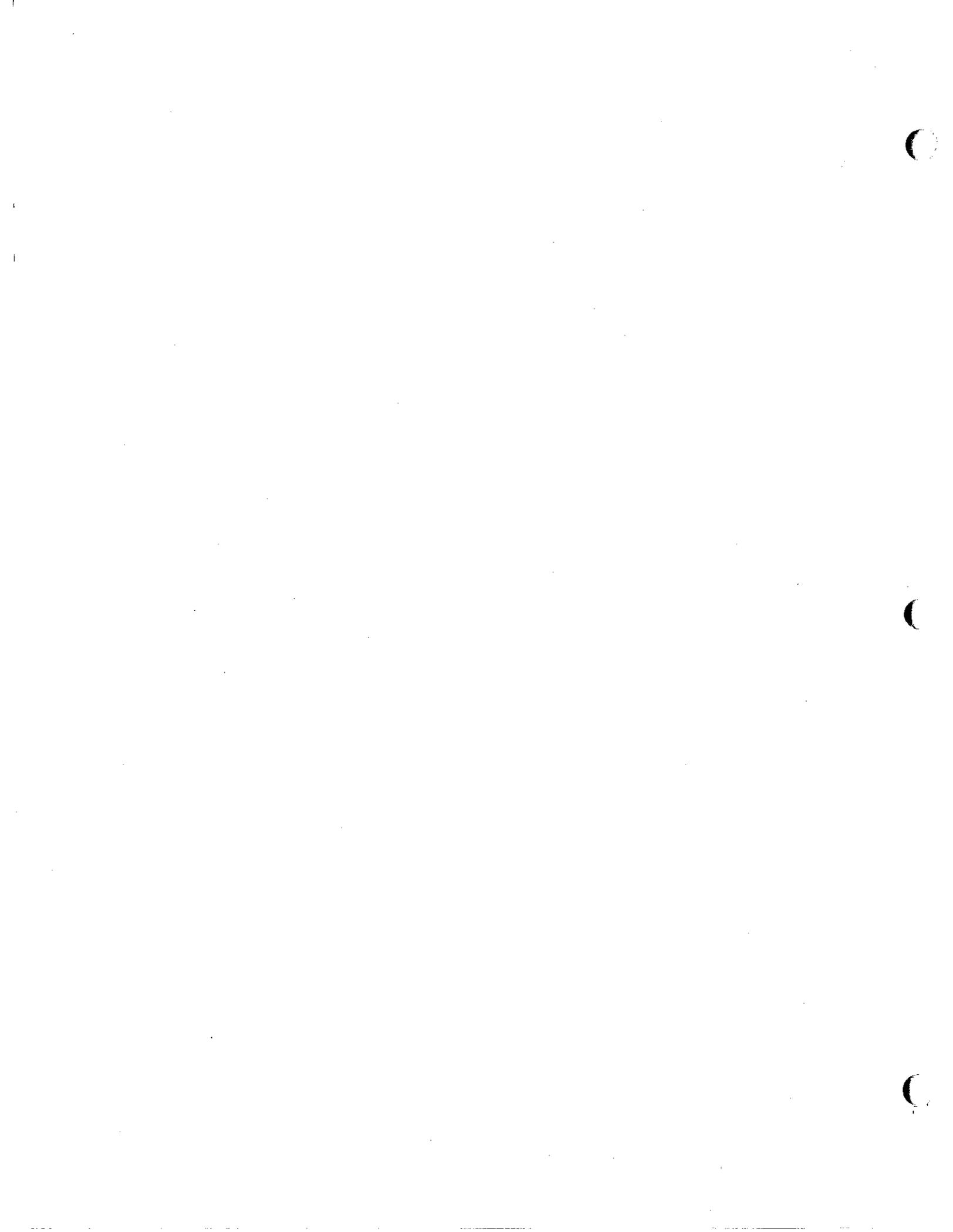
Enclosure: Final Permit #13-119
Monitoring Report Forms

cc: John Passehl, WDEQ

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. 13-120

REFERENCE PERMIT NO. N/A

Collins Heights Lift Station Upgrade

This permit hereby authorizes the applicant:

Steve Peterson, P.E.
City of Gillette
611 N. Exchange Avenue
Gillette, WY 82717

to construct, install or modify the Collins Heights Lift Station according to the procedures and conditions of the application number 13-120. The facility is located in the NE ¼ of Section 30, Township 50 North, Range 71 West, further located in Gillette, 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:

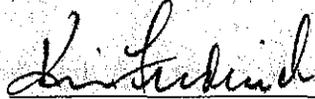
- 1 of 4 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations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

- 2 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

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

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

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

5-2-13
Date of Issuance

TP/KF/JRV/bb/13-0394

cc: Dayton Alsaker, P.E., DOWL HKM, 16 W. 8th Street, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **13-120**
2. Application reviewed for compliance with the following applicable regulations :

CHAPTER 3 AND CHAPTER 11 OF THE WYOMING WATER QUALITY RULES AND REGULATIONS
3. Does the permit comply with all applicable regulations identified above?

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Jason Vreeland, P.E., and completed on May 1, 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."

JRV/bb/13-0394

The first part of the document discusses the importance of maintaining accurate records. It highlights the need for consistency and the potential consequences of errors. The second part outlines the specific procedures to be followed, including the use of standardized forms and the regular review of data. The final section provides a summary of the key points and offers recommendations for future improvements.

In addition, it is essential to ensure that all personnel involved are properly trained and aware of their responsibilities. This includes providing ongoing education and support. Furthermore, the document emphasizes the importance of communication and collaboration between different departments to ensure a cohesive and effective process. The goal is to create a system that is both efficient and reliable, capable of handling the increasing volume of data over time.

CONCLUSION

In conclusion, the implementation of a robust record-keeping system is crucial for the success of any organization. By following the guidelines outlined in this document, you can ensure that your data is accurate, secure, and easily accessible. Regular audits and updates are necessary to maintain the system's integrity and relevance. We encourage you to take the necessary steps to improve your record-keeping practices today.



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

April 16, 2013

Dayton Alsaker, P.E.
DOWL HKM
16 W. 8th Street
Sheridan, WY 82801

RE: Collins Heights Lift Station Upgrade
Location: NE ¼, Section 30, T. 50N, R. 71W, Gillette, WY
WDEQ Application #13-120

Dear Mr. Alsaker:

We have completed our review of the permit application submitted on March 28, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3469 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File





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

PROJECT: Collins Heights Lift Station Upgrade

LOCATION: Gillette, Wyoming

ENGINEER: DOWL HKM

APPLICANT: City of Gillette

WATER QUALITY DIVISION APPLICATION NUMBER: 13-120

DATE ON PROPOSAL/PLANS/REPORT: March 27, 2013

DATE RECEIVED BY DEQ: March 28, 2013

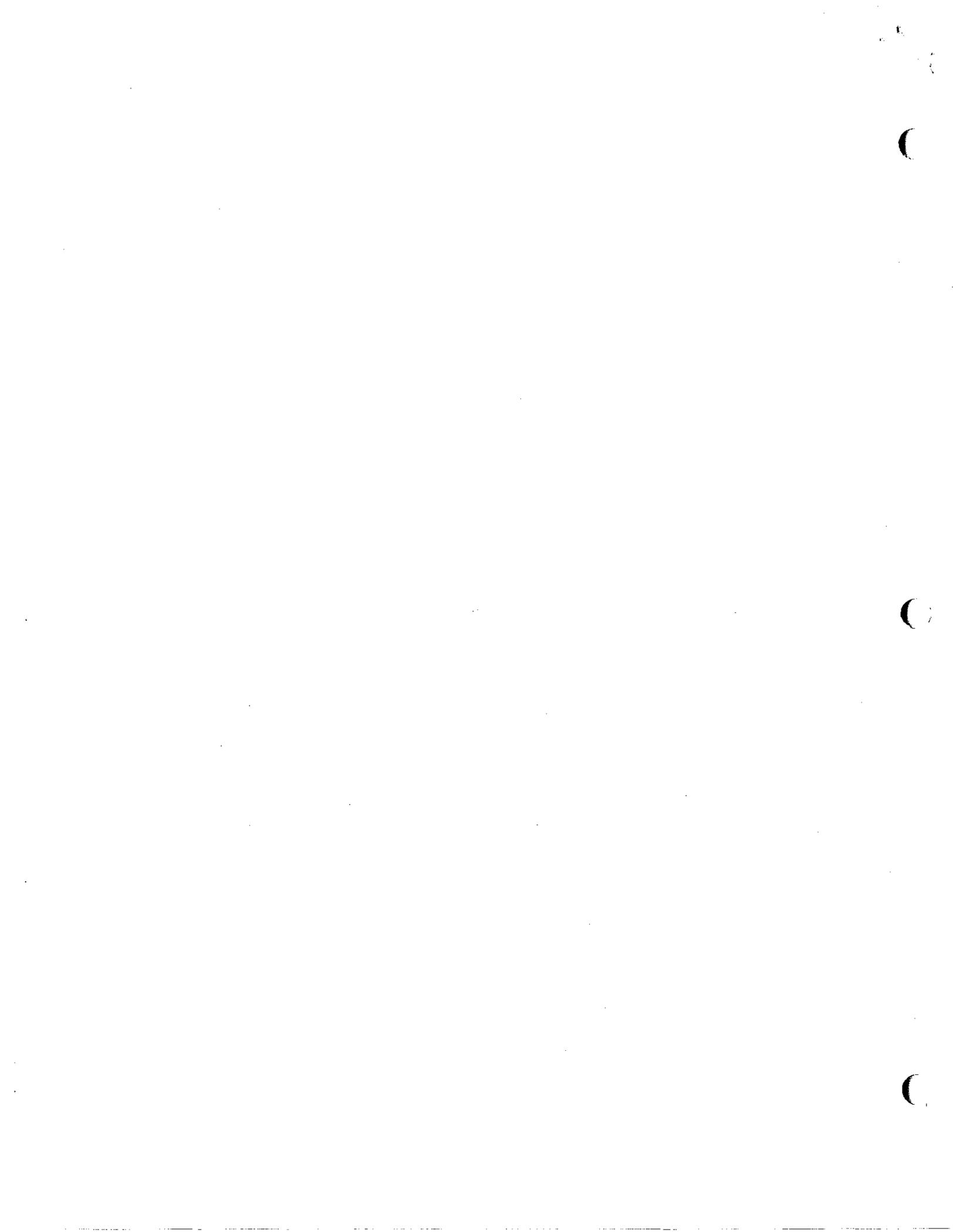
DATE OF THIS REVIEW: April 16, 2013

WDEQ REVIEWER: Jason Vreeland, P.E.

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

WDEQ COMMENTS

- 1) Chapter 11, Section 10(a)(i) – Please provide the calculations for the total dynamic head rating of the pumping units. Also, please provide the pump curves.
- 2) Chapter 11, Section 10(a)(v) – The design report indicates that the wet well was sized so that the number of pump starts does not exceed 6 per hour. The report indicated that one-half the design flow rate would correspond to the minimum pump cycle time. The minimum operating interval should correspond with the highest design flow. Further, the wet well must be able to contain this volume between the pump on and pump off levels. The wet well in the plan set does not appear to have sufficient capacity. Please address.
- 3) Chapter 11, Section 7(b)(ii) – Please label the profile with the type of PVC pipe to be used.



- 4) Chapter 11, Section 10(c)(ii) – The wet well walls are designed with a slope of 1:1. WWQRR require hopper walls of wet wells to be sloped at no less than 1.75:1. Please address.
- 5) Chapter 11, Section 10(a)(i)(A) – The sump pump appears to be inaccessible upon installation of the piping. Please address access to the sump pump or comment on the accessibility of this pump.

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-121

REFERENCE PERMIT NO. N/A

Powder Horn Ranch Wastewater Treatment Plant Modifications

This permit hereby authorizes the applicant:

Homer R. Scott
Powder Horn Ranch LLC.
51 Powder Horn Road
Sheridan, WY 82801

to construct, install or modify the Powder Horn Ranch wastewater treatment and sludge storage system according to the procedures and conditions of the application number 13-121. The facility is located in the SW ¼ of Section 34, Township 55 North, Range 84 West, further located in Sheridan County, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2014.

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

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

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

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

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

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

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

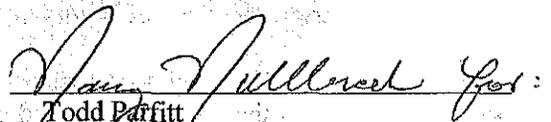
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 4 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 4 Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

4-22-13

Date of Issuance

JRV/rm/13-0345

cc: Travis Evans, P.E., ECS Engineers, 371 Coffeen Avenue, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **13-121**
2. Application reviewed for compliance with the following applicable regulations :

CHAPTER 3 AND CHAPTER 11 OF THE WYOMING WATER QUALITY RULES AND REGULATIONS
3. Does the permit comply with all applicable regulations identified above?

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Jason Vreeland, P.E., and completed on April 19, 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."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT
PWS No. WY5600136

PERMIT NO. 13-122

REFERENCE PERMIT NO. 10-412 (RJ-7 Well)

~~Wright Water and Sewer District - RJ-7 Well Completion, Transmission, and Pumphouse~~

This permit hereby authorizes the applicant:

Joseph Johnson, Chairman
Wright Water and Sewer District
P.O. Box 549
Wright, WY 82732

to construct, install or modify a new pumphouse building, piping for the RJ-7 well site, approximately 17,000 lineal feet of raw and potable transmission lines, and components associated with the completion of the RJ-7 well, according to the procedures and conditions of the application number 13-122. The facility is located in Section 3 of Township 43 North, Range 72 West, Section 34 of Township 44 North, Range 72 West, and Section 35 of Township 44 North, Range 72 West, located in Campbell County, 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 4 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 4 Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

Kevin Frederick for
Kevin Frederick
Administrator
Water Quality Division

Todd Parfitt
Todd Parfitt
Director
Department of Environmental Quality

6-28-13
Date of Issuance

KLF/rm/13-0581

cc: David Myers, P.E., HDR Engineering, Inc., P.O. Box 457, Gillette, WY 82717
John Gillis, PhD, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129
Kevin King, P.E., Campbell County Public Works, 500 South Gillette Avenue, Suite 1500, Gillette, WY 82716

STATEMENT OF BASIS

1. Permit Number: **13-122**
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?

NO. A VARIANCE HAS BEEN GRANTED FOR VALVE SPACING GREATER THAN 800'. A SPACING OF APPROXIMATELY 1600' WILL BE ALLOWED DUE TO THE RURAL NATURE OF THE TRANSMISSION LINE AND THE OPERATING PROCEDURES OF THE WRIGHT WATER AND SEWER DISTRICT.
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on 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."

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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

John Corra, Director

May 17, 2013

David G. Meyers, P.E.
HDR
P.O. Box 457
Gillette, WY 82717

RE: Wright Water and Sewer District – RJ-7 Well Completion, Transmission Pipelines, and Pumphouse Project
Location: S ½ of Section 34, Township 44 North, Range 72 West and N ½ of Section 3, Township 43 North, Range 72 West.
WDEQ Application #13-122

Dear Mr. Meyers:

We have completed our review of the permit application submitted on March 19, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File



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

PROJECT: Wright Water and Sewer District – RJ-7 Well Completion, Transmission Lines, and Pumphouse

LOCATION: Wright, Wyoming

ENGINEER: HDR Engineering

APPLICANT: Wright Water and Sewer District

WATER QUALITY DIVISION APPLICATION NUMBER: 13-122

DATE ON PROPOSAL/PLANS/REPORT: March, 2013

DATE RECEIVED BY DEQ: March 19, 2013

DATE OF THIS REVIEW: May 16, 2013

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

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

WDEQ COMMENTS

RJ-7 WELL

- 1) Chapter 12, Section 9(b)(ii)(A) – Yield and drawdown tests. *“The test pump capacity, at maximum anticipated drawdown, shall be at least 1.5 times the design rate anticipated. The test shall provide for continuous pumping for at least 24 hours or until stabilized drawdown has continued for at least 6 hours when test pumped at 1.5 time the design rate.”* If a design rate of

300 gpm is proposed, the well must be pump tested at 1.5 times that rate, or 450 gpm. The Level II Study provided information that it was only tested at 300 gpm.

TRANSMISSION LINES

- 2) Chapter 12, Section 14(b)(vii) – The design report indicates that flushing hydrants will be located at low points on the transmission lines. Please confirm and provide calculations that show that the flushing hydrants proposed are capable of flushing the lines a minimum of 2.5 feet per second.
- 3) Chapter 12, Section 14(f)(vii) – Please provide information on what pressure the lines will be pressure-tested at.

GENERAL COMMENTS

- 4) Sheet 13 – The existing ground profile seems correct, but the water line profile does not. Please address.
- 5) The design report doesn't specifically discuss the proposed connection from the new 12" Transmission Loop line to an existing 6" line shown on Sheet 20. Please provide information on this connection – what is it for, what are the existing pressures, etc.
- 6) Sheet 23 – The proposed 12" water transmission main appears to cross under (or over) an existing culvert; it's difficult to tell because there is no information on the culvert inverts – please address.
- 7) Sheets 32&33 – The elevation labels that are shown along the middle of the profile appear to be incorrect or swapped – please address.
- 8) Chapter 12, Section 14(e)(i) – Sheet 27 – Please address the high point shown in this proposed alignment.
- 9) Sheet 29 – The proposed 12" gate valve and blow off valve assembly at Station 213+50 appear to be proposed for the existing 8" line; please address.

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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

NOTIFICATION OF COVERAGE

April 25, 2013

City of Laramie

Attn: Richard Elliott, Public Works Director
405 Vinson Street
P.O. Box C
Laramie, Wyoming 82073

RE: Laramie SPT Phase 3, Schedule 2 – Hillside Dr. & Connecting Alley to the South
- Water & Sewer Replacements
Application No. **13-123, Albany County**

Dear Mr. Elliott:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of an Existing **Sewage Collection System** consisting of replacing approximately 700 linear feet of 8" VCP sewer main with new 8" PVC sanitary sewer pipe, and one(1) new manhole, and Existing **Water Supply Distribution System** consisting of replacing approximately 1050 linear feet of old water main with new 8" PVC water pipe, ten(10) gate valves, and two(2) new fire hydrants, located in **Section 3, 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 sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 25, 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/wcd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **13-123** 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
Water Quality Division

RLE/rm/13-0370

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne

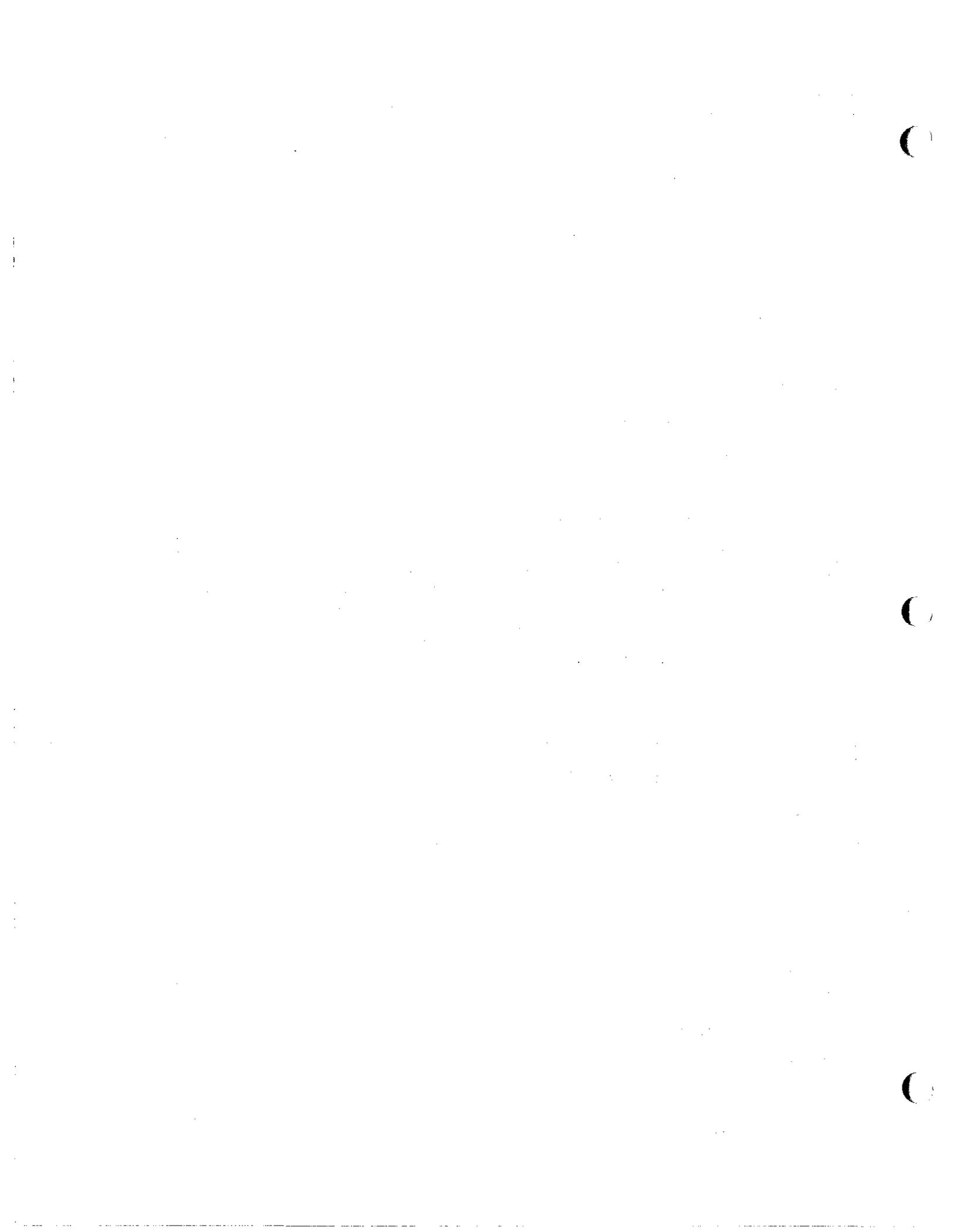
Cal Van Zee, City of Laramie Utility Operator, P.O. Box C, 1167 N. 4th, Laramie,
Wyoming 82073

Forrest Todd, 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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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-124

Ross Recovery
Commercial Oilfield Wastewater Evaporation Pond Expansion #2

This permit hereby authorizes the applicant:

Ross Recovery, Inc.
3493 Ross Road
Douglas, Wyoming 82633

to construct, install or modify two (2) additional evaporative pond cells for the disposal of oilfield exploration and production wastewater at an existing commercial oilfield wastewater disposal facility, according to the procedures and conditions of the application number 13-124. The facility is located near the center of the south half of Section 13, Township 39 North, Range 75 West, in the county of Converse, in the State of Wyoming. The facility is located approximately 40 miles northeast of Glenrock, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 1, 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, 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 14 The applicant will notify the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458 of the date construction will begin and the estimated completion date.
- 2 of 14 The applicant will provide the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, the name of the type and brand of the primary and secondary liner, the liner manufacturer(s), the liner installation contractor(s), and all other required documentation related to the liners, at least two weeks prior to beginning construction. The manufacturer(s) will need to submit recommended installation methods that include cold weather installation. At a minimum, installation should be conducted in accordance with "Cold Weather Seaming of Geomembranes", Geosynthetic Institute, GRI Test Method GM9 or a comparable method.
- 3 of 14 The applicant will provide immediate oral or written notice to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 4 of 14 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 5 of 14 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 6 of 14 Measurement of depth to groundwater and testing of groundwater is to be performed prior to filling any ponds at this facility.
- 7 of 14 Groundwater monitoring will be conducted on a quarterly basis and results reported to DEQ within a month after receiving laboratory analytical reports. Samples will be submitted for the following analysis:
 - a) electrical conductivity
 - b) pH
 - c) chloride
 - d) sodium
 - e) alkalinity
 - f) sulfate
 - g) total dissolved solids

The analyte list and monitoring frequency are subject to revision as needed by CBM / Oil and Gas Group, Water Quality Division. Groundwater monitoring will also include measurement of depth to groundwater and the preparation of a potentiometric surface map, to be included with the analytical data.

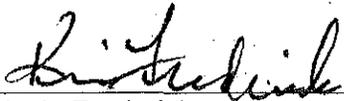
- 8 of 14 The leak detection system is to be checked weekly for the first month following filling of a pond and monthly thereafter with a log kept of the inspection results. As new ponds are constructed, the leak detection system is to be checked weekly for the first month. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and tested for total petroleum hydrocarbons, Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) by EPA Method 8015 (modified), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ as soon as they are available. Testing requirements are subject to revision as needed.
- 9 of 14 Operational concerns will be identified in an annual report to be submitted to DEQ by April 1 of each year. Any changes in operations, a discussion of groundwater monitoring, leak detection system operation, and pond characterization is to be included in the annual report.
- 10 of 14 Fluids in the ponds are to be checked annually for the following constituents. Each pond will be sampled and analyzed separately in accordance with the following list:
- a) electrical conductivity
 - b) pH
 - c) chloride
 - d) sodium
 - e) alkalinity
 - f) sulfate
 - g) barium
 - h) total dissolved solids

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

- 11 of 14 The facility is authorized to receive oilfield exploration and production waste (production water, produced water, and frac water), exempt from RCRA regulations by EPA. Any other waste must be approved on a case by case basis by the DEQ and the owner. Prior to approval for disposal by DEQ/WQD, all other waste will be subject to rules, regulations, policies, and/or procedures related to hazardous waste determination and disposal, as issued or promulgated by DEQ/Solid and Hazardous Waste Division (SHWD).
- 12 of 14 Additional geologic and hydrogeologic investigations will be required prior to construction of Pond 6. The additional investigations must be reviewed and approved by WDEQ prior to any construction activities.
- 13 of 14 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis. The bond amount may be "phased-in", in accordance to the facility construction. However, prior to construction of any pond, financial assurance must be in place which covers the next construction phase. This additional bonding must be acceptable to the State of Wyoming prior to any construction related to that phase.

14 of 14 An annual report will be submitted to DEQ CBM / Oil and Gas Group by April 1 of each year. The annual report will include relevant details of the construction, modification, and operation details of the facility from the previous year, any anticipated construction, modification and/or operational changes for the upcoming year. The report will include a discussion and analysis of the groundwater monitoring, leak detection monitoring and pond analysis. A listing of all non exploration and production wastes accepted by the facility will also be included in the annual report. This listing shall include generator, type of waste, amount and date of disposal. The annual report will also include a review of the closure and post closure requirements, including financial costs. A renewal of the bond will be required as part of the annual report. Reporting requirements are subject to modification by DEQ.

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 5-16-13

TP/KF/JDL/KJM/bb/13-0395

cc: Darrin Tromble, WWC Engineering, 6000 East 2nd Street, Suite 1004, Casper, WY 82609

STATEMENT OF BASIS

1. Permit Number: 13-124
2. Application reviewed for compliance with the following applicable regulations :
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
 - a. The permit includes approval to deviate from the following regulatory requirements:
Not applicable
 - b. Briefly state the basis for the deviation.
Not applicable
 - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.
Not applicable
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

The facility will not allow a discharge to groundwater.

The pond will have a primary liner of 60 mil high density polyethylene with a 40 mil high density polyethylene secondary liner. A compacted clay subgrade will be installed under the secondary liner. A leak detection system will be installed between the two liners. Groundwater monitoring wells will also be installed at the facility to monitor groundwater on a quarterly basis.

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

The leak detection system will be checked weekly for the first month after the ponds are filled. A log will be kept of the inspection results. The leak detection system is also monitored by a high level alarm system. If fluid is found, DEQ will be notified immediately.

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

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

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

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

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina and Dennis Lamb, CBM / Oil and Gas Group and completed on April 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."



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

April 16, 2013

David Plute, NWC Physical Plant Director
Northwest College
231 W 6th Street
Powell, WY 82435

RE: NWC-Yellowstone Academic Building
DEQ Permit #13-126
Located in Park County, T 55N, R 99W, S10, L75H; Lat. 44.7613, Long. -108.7647

Dear Mr. Plute,

This project consists of the installation of approximately 245 linear feet of 6-inch AWWA C900 PVC fire sprinkler line from Division Street to a new building.

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 **October 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
Robert A. Overfield, Engineering Associates, P.O. Box 1900, Cody, WY 82414

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

ABANDONED MINES
(307) 332-6085
FAX 332-7726

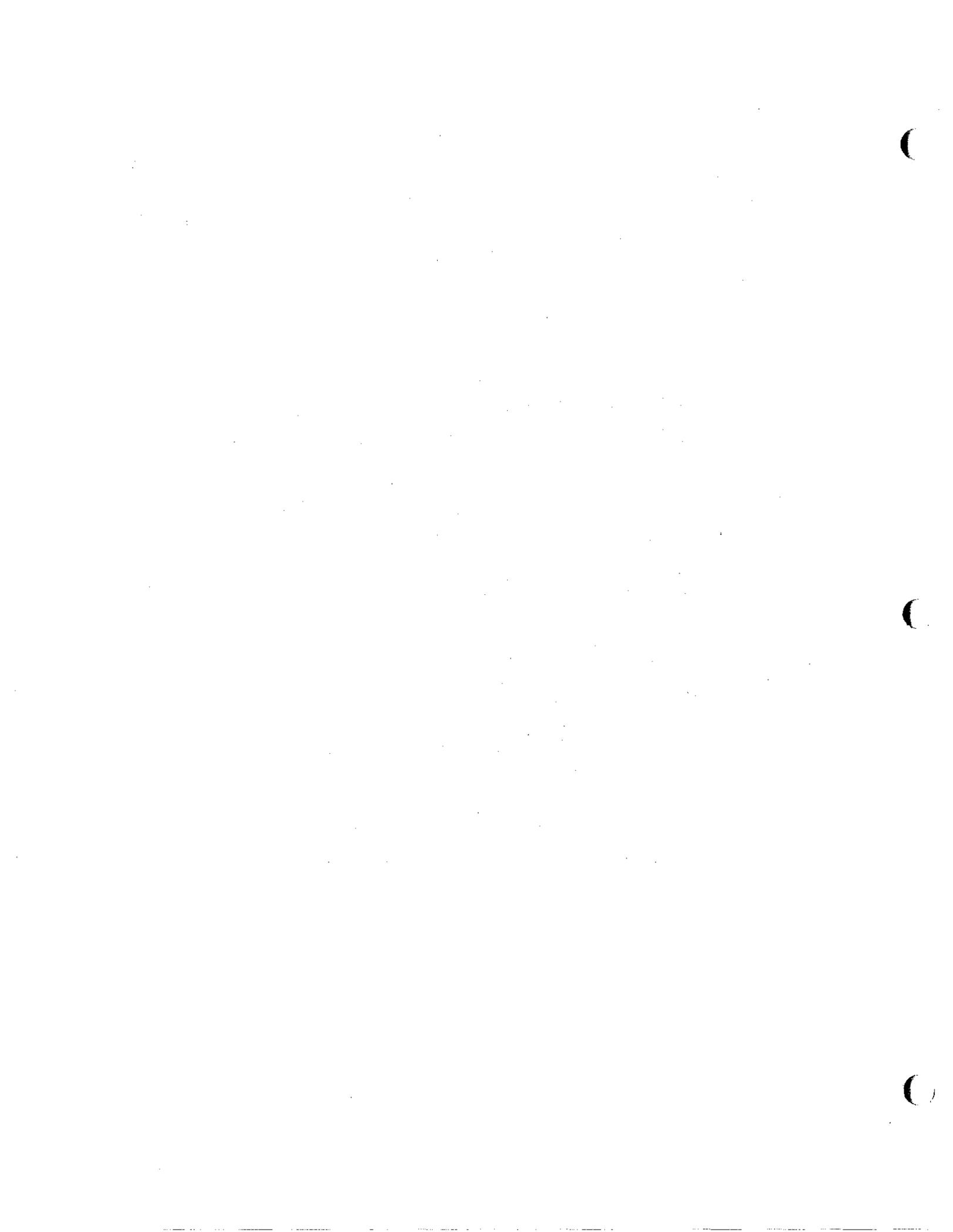
AIR QUALITY
(307) 332-6755
FAX 332-7726

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. 13-127

COUNTRY MEADOWS WASTE WATER DECHLORINATION UNIT

This permit hereby authorizes the applicant:

Country Meadows, LLC
Harland Zimmerman, Owner
7872 Regency Park Street
Las Vegas, NV 89149

to construct, install or modify one dechlorination unit according to the procedures and conditions of the application number 13-127. The facility is located in NW 1/4 of Section 12, T15N R73W; Albany County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 3, 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. For acceptable operation of the entire disinfection process, the chlorination unit must continually operate at least three (3) of the chlorination tablet tubes.
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.
4. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

Kevin Frederick FOR
Kevin Frederick
Administrator
Water Quality Division

Todd Parfitt
Todd Parfitt
Director
Department of Environmental Quality

Date of Issuance 9-5-13

SWT/rm/13-0844

STATEMENT OF BASIS

1. Permit Number: **13-127**
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 September 4, 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

John Corra, Director

NOTIFICATION OF COVERAGE

May 23, 2013

Jason Harms
Harms Oil Company
337 22nd Avenue South
Brookings, SD 57006

RE: Coffee Cup Reconstruction – Waterline Relocation, Moorcroft, WY
WDEQ Application No. 13-128, Crook County

Dear Mr. Harms:

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 650 lineal feet of 8" PVC waterline, located in the NE ¼ of Section 6, Township 49 North, Range 67 West, Tract E of the Texas Trails Subdivision, Moorcroft, 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
Robert A. Swanson, P.E., PCA Engineering, Inc., P.O. Box 2185, Gillette, WY 82717
Steve Blakeman, Mayor, Town of Moorcroft, P.O. Box 70, Moorcroft, WY 82721

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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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

April 23, 2013

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

RE: 2013 Miscellaneous Manhole Replacement
Application No. **13-129, Natrona County**

Dear Mr. Beamer:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems, consisting of the replacement of 13 manholes located in **Section 2, Township 33N, Range 79W**, Natrona 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 11** 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 307-473-3469.

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File



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Department of Environmental Quality

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Matthew H. Mead, Governor

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Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 10, 2013

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

RE: All American Center -- Water and Sanitary Sewer Improvements Project
Application No. 13-130, City of Casper, WY

Dear Mr. Beamer:

The above application for coverage under General Permits to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems and Existing Sewage Collection Systems, consisting of the installation of approximately 600 lineal feet of 8 inch PVC sanitary sewer line and approximately 1200 lineal feet of 8 inch PVC water line, including associated fire hydrants, sanitary sewer manholes, and services, located in the SW ¼ of NE ¼ of Section 3, Township 33 North, Range 79 West, Natrona 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 11 and 12** of the Water Quality Division Rules and Regulations, 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. 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
Robert Bennett, P.E., CEPI, 6080 Enterprise Drive, Casper, WY 82609

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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Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 13, 2013

Jordan Seitz

204½ East Fourth, P.O. Box 484
Encampment, Wyoming 82325

RE: Seitz Residential Small Wastewater Disposal System,
Application No. **13-131, Carbon County**

Dear Mr. Seitz:

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 168 feet of chamber type trench leachfield divided into three equal length trenches of at least 9 Infiltrator brand, Standard model chamber units each, for a 3 bedroom house, located in the SW¼ NE¼ Section 21, T16N, R83W, 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 **May 13, 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) 777-7156 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. **13-131** 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,

A handwritten signature in black ink that reads "Ronald L. Ewald". The signature is written in a cursive style with a large, prominent "R" and "E".

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

RLE/rm/13-0441

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

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
LAND APPLICATION PERMIT

PERMIT NO. 13-132

Indian Paintbrush Water Supply Land Application Project

This permit hereby authorizes the applicant:

Mike Calabrese, President
Indian Paintbrush Water District
P.O. Box 100
Wilson, WY 83014

to land apply water from Indian Paintbrush Test Well, according to the procedures and conditions of application number 13-132. The water meets National Drinking Water Standards and will be applied during pump tests of a test well. The well will be pump tested for up to 48 hours at a flow rates between 20 and 100 gpm and the pumped water will be land applied to minimize live contact with any live streams. The application site is located in Section 33, T41N, R117W in the county of Teton, in the State of Wyoming. This permit shall be effective until October 1, 2015.

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

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

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

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

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

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

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

- 1 of 4 Section 9, Chapter III, Wyoming Water Quality Rules and Regulations requires notification of DEQ for any changes or modifications to the approved permit package. The permittee shall provide immediate verbal or written notice to the Northwest District Engineer, Wyoming DEQ/WQD, 510 Meadowview Drive, Lander, WY 82520, phone 307-332-3144.
- 2 of 4 The water shall be discharged in a manner as to not cause unnecessary erosion.
- 3 of 4 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Northwest District Engineer on the attached Certification of Completion form.
- a. Date that the land application was completed; and
 - b. Certification the land application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the land application was completed with changes or modifications. Submit the information necessary to clearly indicate the land application as actually performed. This information shall include a contour map depicting only those sections of land that actually received.
- 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 for

Kevin Frederick
Administrator
Water Quality Division

Todd Parfitt

Todd Parfitt
Director
Department of Environmental Quality

5-8-13
Date of Issuance

JSB/rm/13-0416

STATEMENT OF BASIS

1. Permit Number: 13-132

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

Chapter 11 of the Wyoming Water Quality Rules and Regulations.

3. Basis for issuing permit.

The water that will be land applied is groundwater that meets the National Drinking Water Standards.

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

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

5. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, james.brough@wyo.gov, Northwest District Engineer and completed on April 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: Kevin Boyce, P.G, Wyoming Water Development Commission, 6920 Yellowtail Rd., Cheyenne, WY 82002
Mark Stacy, P.G., Lidstone & Associates, Inc., 4025 Automation Way, Bldg. E., Fort Collins, CO 80525

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-133

Indian Paintbrush Test Well Drilling & Testing
PWS #WY5600758

This permit hereby authorizes the applicant:

Mike Calabrese, President
Indian Paintbrush Water District
P.O. Box 100
Wilson, WY 83014

to drill, construct, develop and test a new well for Indian Paintbrush Water District, according to the procedures and conditions of the application number 13-133. A successful test well could be the district's third public supply well and the target yield for the new well is 60 gpm. The new well is within Section 33, T41N, R117W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by 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.

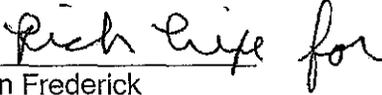
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not

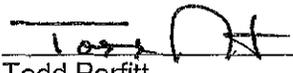
relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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 permit to construction application along with plans and technical specifications for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc. must be submitted to the Wyoming Department of Environmental Quality. A Permit to Construct must be obtained prior to construction of the aforementioned items.
- 3 of 4 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


Kevin Frederick
Administrator
Water Quality Division


Todd Parfitt
Director
Department of Environmental Quality

5-8-13
Date of Issuance

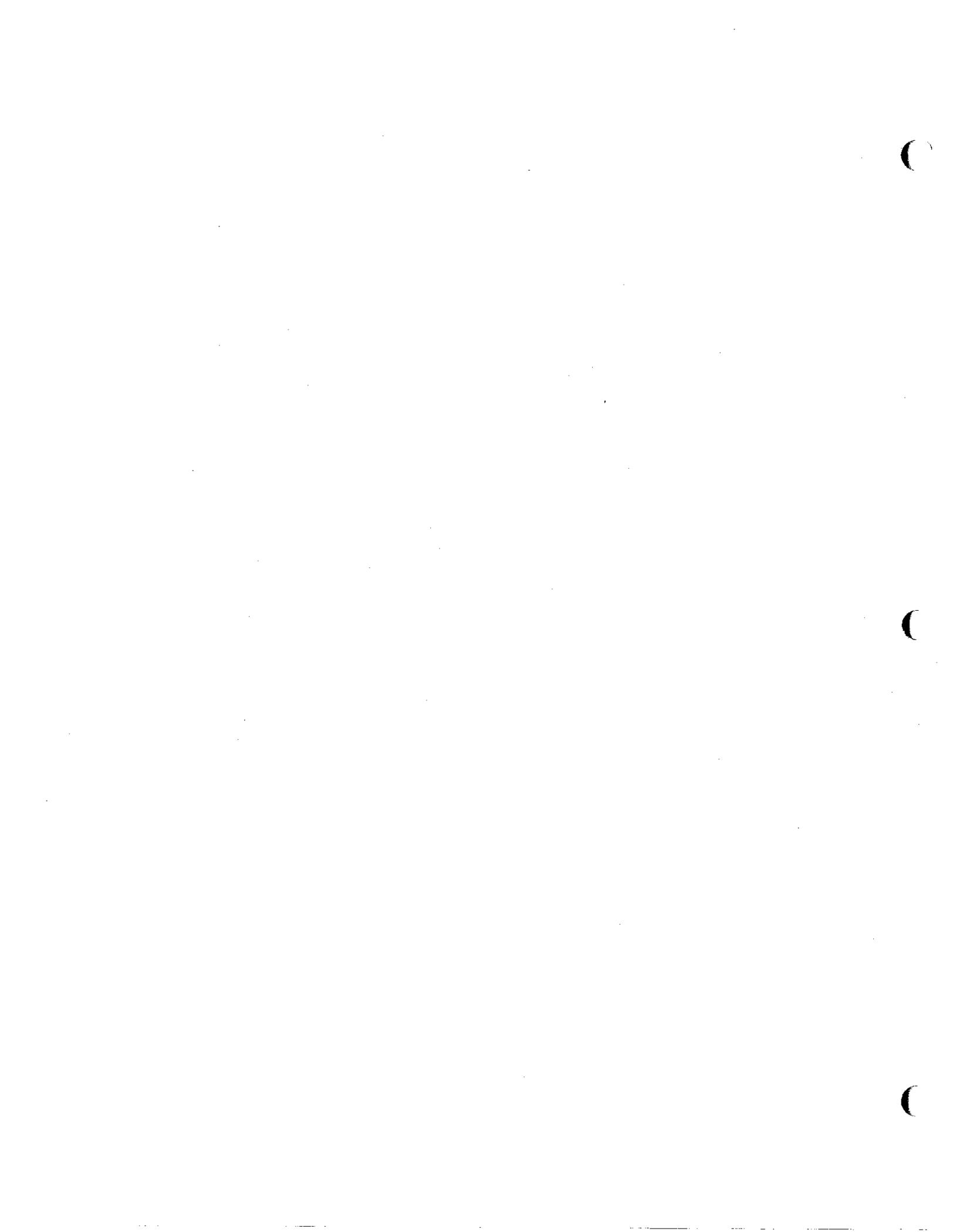
STATEMENT OF BASIS

1. Permit Number: 13-133
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supply wells are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, james.brough@wyo.gov, Northwest District Engineer and completed on April 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: Kevin Boyce, P.G, Wyoming Water Development Commission, 6920 Yellowtail Rd., Cheyenne, WY 82002
Mark Stacy, P.G., Lidstone & Associates, Inc., 4025 Automation Way, Bldg. E., Fort Collins, CO 80525





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

April 23, 2013

Dana Ehnle
P. O. Box 492
Encampment, WY 82325

RE: **Town of Encampment: Blocks 109, 110, 119, & 120,**
Application No. 13-135, Carbon County

Reference: 07-286

Dear Mr. Ehnle:

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 extending approximately 1750 lineal feet of water main and **Existing Sewage Collection Systems** consisting of extending approximately 2120 lineal feet of sanitary sewer main located in the **Northwest ¼, Section 1, 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 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. Where the water line crosses under sewer lines flow fill must be used from the water line to the top of the sewer line, extending a minimum distance of 5 feet each way from the centerline of the water line.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 7, 2017.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINKS (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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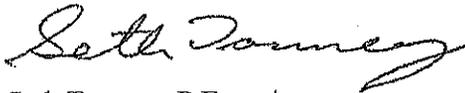
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **13-135** 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/tm/13-0359

Enclosures: Certificate of Completion form

cc: IPS
Jon Anderson, P.O. Box 595, Saratoga, Wyoming 82331
Doreen Harvey, Clerk/Treasurer, Town of Encampment, P.O. Box 5, Encampment, WY
82325



Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

July 23, 2013

Teton Science School
c/o Shawn Remis
700 Coyote Canyon Rd
Jackson, WY 83001

RE: Teton Science School, WYS-039-012
Final Permit 13-136, Class V Septic System Permit
Teton County, Wyoming

Dear Mr. Remis:

Attached please find one copy of the Class V septic system permit for the facility referenced above. Please be aware that this permit requires the installation of one down-gradient monitoring well to be installed within 6-months of the permit approval and a one-time baseline analysis of the well servicing Duplex G per Section H of your permit. This permit also requires semi-annual sampling and requires annual inspection and periodic pumping of the septic tanks per Section I. The report forms can be filled out using our on-line webform (Monitor Reports Link), or you may have the lab submit them using Electronic Data Deliverable (EDD) at the following site: <http://gem.wqd.apps.deq.wyoming.gov/default.aspx>. Please use the exact well names used in your permit when reporting data to avoid any miscommunications. For your convenience, copies of the inspection forms are attached, you may use the paper forms to report your inspection and monitoring activities to WDEQ.

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

If you have any questions please do not hesitate to contact me at the below referenced phone number or email.

Sincerely,

Nicole Twing, P.G.
Wyoming Department of Environmental Quality
Project Geologist
Water Quality Division
Phone: (307) 777-8275
nicole.twing@wyo.gov
NT/rm/13-0680

Enclosure: Final Permit #13-136

cc: John Passehl, WDEQ

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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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
 Modified
 Renewal

Permit Number: **13-136**
Facility Number: WYS-039-012
State Subclass: 5E3
Previous Permit: 01-206

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: Teton Science Schools
700 Coyote Canyon Road
Jackson, WY 83001
(307) 734-3790

Teton Science Schools, hereafter referred to as the permittee, is authorized to continue operating the septic systems located in SE1/4 of the SE1/4 of Section 14, Township 41 North, Range 117 West, Teton County. The permittee is allowed to operate the facility according to the procedures, conditions of application 13-136, including the conditions and requirements of this permit. This permit shall become effective on date of issuance and is valid for ten (10) years.



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

July 23, 2013
Date



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

7/23/13
Date

NT/rm/13-0680

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A. Discharge Zone

The injection facility (sanitary leachfields) is authorized to inject an average of 2,970 gallons per day (calculated as 60% of maximum), and a maximum of 4,950 gallons per day combined total from four (4) sanitary leachfields servicing six (6) employee housing buildings and one (1) office/manager building (33 bedrooms total). The majority of wastewater is discharged to a mounded pressure-dosed septic system. The primary treated wastewater is injected into the sand and gravel alluvial aquifer adjacent to the Snake River. Depth to seasonally high groundwater in the vicinity of the leach field is approximately two (2) ft.

B. Well and Area of Review

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

SE ¼ of the SE ¼ of Section 14, Township 41 North, Range 117 West of the 6th Principal Meridian, Teton 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	20	Percent
Maximum Injection Rate	4,950	GPD
Thickness of Receiver	10	Feet
Area of Review	360	Acres
Hydraulic Conductivity	8	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 is suitable for domestic use and 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 leachfields. This pressure is controlled by gravity drainage and is not required to be monitored. This does not preclude the operation of dosing pumps. The permittee is authorized to inject an average of 2,970 gallons per day and a maximum of 4,950 gallons per day. The wastewater is produced from six (6) employee housing buildings and one (1) office/manager building (33 bedrooms total). The wastewater is injected into the unconfined

alluvial aquifer adjacent to the Snake River. The wastewater is described as primary treated domestic sewage from four septic systems.

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:

$$\begin{aligned} & \text{Minimum Purge Volume} \\ & = 3 * ((\text{Total Well Depth in feet} - \text{Depth to Water in feet}) * \text{Well Capacity}) \\ & \text{Where Well Capacity (gallons per foot) is based on well diameter:} \\ & \quad 2 \text{ inch well} = 0.163 \qquad 6 \text{ inch well} = 1.47 \\ & \quad 4 \text{ inch well} = 0.653 \qquad 8 \text{ inch well} = 2.61 \end{aligned}$$

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.

$$\begin{aligned} & \text{Half Casing Volume} \\ & = 0.5 * ((\text{Total Well Depth in feet} - \text{Depth to Water in feet}) * \text{Well Capacity}) \\ & \text{Where Well Capacity (gallons per foot) is based on well diameter:} \\ & \quad 2 \text{ inch well} = 0.163 \qquad 6 \text{ inch well} = 1.47 \\ & \quad 4 \text{ inch well} = 0.653 \qquad 8 \text{ inch well} = 2.61 \end{aligned}$$

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. At least one monitor well is required to be installed at this facility within six (6) months of authorization 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 well logs from nearby water wells, groundwater is encountered at approximately fifty (50) feet below ground surface.

11. The permittee's domestic supply well, servicing Duplex G which is upgradient of the leachfields, shall be sampled once to obtain baseline data. The parameters to be analyzed will be all those listed in Wyoming Water Quality Rules and Regulations Chapter 8; Table I except for radionuclides.

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 2**. The following parameters shall be analyzed semi-annually and reported annually:

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA METHOD	STANDARD METHOD	PERMIT LIMIT or UCL ¹	HOLD-TIME & TEMPERATURE
Duplex B Monitor well (downgradient) and Monitor well #2. downgradient of leach fields (to be installed within 6 months of permit approval)	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.
		Static Water Level	Steel tape			N/A
Septic Tanks ³	Monthly	Total volume	Flow meter reading		4,950 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.

³ The septic tanks serving the Teton Science School 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 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 2** 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-

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-137

REDUNDANT BAG FILTRATION
PWS WY5600291

This permit hereby authorizes the applicant:

Dave Johnston Generating Station
1591 Tank Farm Road
Glenrock, WY, 82637

to construct, install or modify one redundant bag filtration unit according to the procedures and conditions of the application number 13-137. The facility is located in NE 1/4 of Section 18, T33N R74W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 16, 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 5-20-13

SWT/rm/13-0456

STATEMENT OF BASIS

1. Permit Number: 13-137
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 May 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."

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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 Parfltt, Director

NOTIFICATION OF COVERAGE

June 20, 2013

Don Behnke
DSJ Properties, LLC.
223 Hoadley Rd.
Gillette, WY 82718

RE: DSJ Properties, LLC. Small Wastewater System
Application No. 13-138, Campbell County

Dear Mr. Behnke:

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 one chambered trench of three Biodiffuser ARC 36 chambers, for a commercial building located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Section 21, Township 49 N, Range 71 W, Campbell 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.

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
Keith Bowar, Campbell County Public Works, 500 S. Gillette Ave., Suite 1500, Gillette, WY 82716
Bret Wolz, P.E., 445 Sinclair Street, Gillette, WY 82718

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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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

June 3, 2013

Jacob L. Wright, P.E.
Nelson Engineering
P.O. Box 1004
Buffalo, WY 82834

RE: King Lane Water Main Extension, Johnson County, WY
WDEQ Application #13-139

Dear Mr. Wright:

We have completed our second review of the application originally received on April 15, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File





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

PROJECT: King Lane Water Main Extension

LOCATION: Johnson County

ENGINEER: Nelson Engineering

APPLICANT: Johnson County

WATER QUALITY DIVISION APPLICATION NUMBER: 13-139

DATE ON PROPOSAL/PLANS/REPORT: March 2013

DATE RECEIVED BY DEQ: April 15, 2013

DATE OF THIS REVIEW: June 3, 2013

WDEQ REVIEWER: Karen Farley, P.E.

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

WDEQ COMMENTS

- 1) The proposed water line will need to be connected onto the main line with a tee. We are not aware of any PVC wyes that conform to AWWA C907 that are used for pressurized water mains. If one has recently been developed for use, please let us know.





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

June 12, 2013

Scott Pehringer
310 Railroad Avenue
Buffalo, WY 82834

RE: King Lane Water Main Extension, Buffalo, WY
WDEQ Application No. 13-139, Johnson County

Dear Mr. Pehringer:

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 525 lineal feet of 8" PVC water line, to provide services and fire suppression for Johnson County facilities, located in the SE ¼, SW ¼, of Section 26, Township 51 North, Range 82 West, a Resubdivision of Anderson Addition, Buffalo, 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
Les Hook, 46 North Main Street, Buffalo, WY 82834
Jacob L. Wright, P.E., Nelson Engineering, P.O. Box 1004, Buffalo, WY 82834





WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-140

REFERENCE PERMIT NO. N/A

Wright Water and Sewer District – RJ-7 1 MG Tank Project, PWS No. 5600136

This permit hereby authorizes the applicant:

Joseph Johnson
Wright Water and Sewer District
P.O. Box 549
Wright, WY 82732

to construct, install or modify a new 1,000,000 gallon potable water storage tank according to the procedures and conditions of the application number 13-140. The facility is located in Section 3, Township 43 North, Range 72 West, further located in Wright, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 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 permit conditions or other operational requirements. Compliance with all applicable standards remains the responsibility of the permittee.

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

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

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

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

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

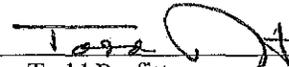
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 5 The applicant will provide immediate oral or written notice to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 5 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided and must be completely filled out.
- 3 of 5 Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.
- 4 of 5 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 5 Construction of the storage tank will not commence until the WDEQ/WQD Northeast District Office has been provided, and has approved, the storage tank structural and foundation designs sealed by a Wyoming professional engineer.

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

10-14-13

Date of Issuance

JRV/rm/13-1003

cc: Dave Meyers, P.E., HDR Engineering, Inc., P.O. Box 457, Gillette, WY 82717
John Gillis, PhD, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129

STATEMENT OF BASIS

1. Permit Number: **13-140**
2. Application reviewed for compliance with the following applicable regulations :

POLICIES 14.13.2 AND 14.13.3, AS WELL AS CHAPTER 3 AND CHAPTER 12 OF THE WYOMING WATER QUALITY RULES AND REGULATIONS
3. Does the permit comply with all applicable regulations identified above?

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

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

CERTIFICATION

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

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Department of Environmental Quality

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Matthew H. Mead, Governor

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

John Corra, Director

May 22, 2013

Dave Meyers, P.E.
HDR Engineering, Inc.
P.O. Box 457
Gillette, WY 82717

RE: Wright Water and Sewer District – RJ-7 1 MG Tank Project
Location: NE ¼, Section 3, Township 43N, Range 72W
WDEQ Application #13-140

Dear Mr. Meyers:

We have completed our review of the permit application submitted on April 11, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3469 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File





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

PROJECT: Wright Water and Sewer District – RJ-7 1 MG Tank Project

LOCATION: Wright, Wyoming

ENGINEER: HDR Engineering, Inc.

APPLICANT: Wright Water and Sewer District

WATER QUALITY DIVISION APPLICATION NUMBER: 13-140

DATE ON PROPOSAL/PLANS/REPORT: April 9, 2013

DATE RECEIVED BY DEQ: April 11, 2013

DATE OF THIS REVIEW: May 22, 2013

WDEQ REVIEWER: Jason Vreeland, P.E.

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

WDEQ COMMENTS

- 1) WDEQ Policy 14.13.3 – The design report must demonstrate that the storage will be operated for a minimum of 10% daily fill at all times including during the month of minimum use. Additionally, the average age of water must be provided. If the average age of water is greater than two days the storage must be operated so that a minimum 25% fill occurs each time pumping is initiated with a minimum inlet velocity of 10 ft/s. If this is not possible, the storage must have designed passive or active mixing.
- 2) Chapter 12, Section 13(a)(vi) – The formula used to calculate the capacity of the overflow doesn't appear to take into account the restriction in flow due to the orifice. Additionally, the drain system should be evaluated for the capacity of the 12" line after the manhole.



- 3) Chapter 12, Section 13(a)(vi) – The overflow pipe doesn't appear to be designed in the access tube. WWQRR require overflow pipes to be located in the access tube. Please address.
- 4) Chapter 12, Section 13(a)(v) – The overflow/drain pipe appears to enter the manhole near the bottom of the manhole. WDEQ Policy 14.13.2 requires an air gap of 2 feet with either a check valve (Tideflex is not in the policy) or screen.
- 5) The plan set notes Class S slurry is to be used to backfill between pipes. Is there a special provision or specification for this type of slurry or is this the same as cement treated backfill in the WPWSS?
- 6) The outlet structure to be constructed under the RJ-7 well completion application which is referenced on the plan set, doesn't appear to be designed to connect the 12" drain from the tanks. Please address.

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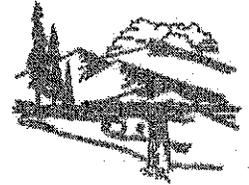
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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 23, 2013

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

RE: Pinedale - Water Metering Improvements Project - Permit Number 13-141, Sections 32,33,34, T34N, R109W, and Sections 3,4,5, T33N, R109W, (Original Block 4, Lots 1-5, Town Hall Building) Sublette County

Dear Mr. Ninnie:

The above application for coverage under General Permit to Construct for the modification of a Public Water Supply System consisting of 895 new water meters, the replacement of 27 existing meters with new meters and the installation of an Automated Meter Reading Data Collection and Communication System in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the 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
Bernard E. Poppenga, P.E., Stantec Consulting Services, Inc., 2000 S. Colorado Blvd., Suite 2-300, Denver, CO 80222

Page 1 of 1



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

May 1, 2013

M&R Development
Rich Gibbs
P.O. Box 3151
Cheyenne, WY 82901

RE: Rock Springs - City's Edge Subdivision - Water and Sewer Main Extensions - Permit Number 13-142, NW ¼ Section 33, T19N, R105W, Sweetwater County

Dear Mr. Gibbs:

The above application for coverage under **General Permit to Construct** for the extension of a **Public Water Supply System** consisting of about 1293 linear feet (LF) of 8-inch PVC water main and the extension of a **Public Sewage Collection System** consisting of about 2500 LF of 8-inch sewer main to serve a 38 lot residential subdivision 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,

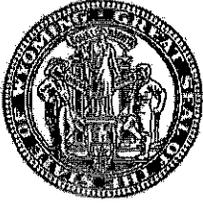
Mark Baron, P.E.
Southwest District Engineer
Water Quality Division

PDF to Cheyenne

Shawn M. Arnoldi, P.E., Choice Engineering Services, Inc., 404 N. Street, Suite 201,
Rock Springs, WY 82901







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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 19, 2013

Mayor Steve Blakeman
Town of Moorcroft
P.O. Box 70
Moorcroft, WY 82721

RE: South Belle Fourche Water Main Replacement, Town of Moorcroft, WY
Application No. 13-143, Crook County

Dear Mayor Blakeman:

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 replacement of approximately 1,190 lineal feet of 8 inch PVC water main, 20 water services, 3 fire hydrants, and other associated items, located in **Section 6, Township 49N, Range 67W**, 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

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
Bill A. Carson, P.E., HDR Engineering, Inc., P.O. Box 457, Gillette, WY 82717



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

CLASS V INJECTION WELL

() New
() Modified
(X) Renewal

Permit Number: **13-144**
Facility Number: WYS-029-118
State Subclass: 5E4
Previous Permit Number: 03-011

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, Chapter 250, Section 1) and Wyoming Water Quality Rules and Regulations, Chapter 16.

Applicant: Yellowstone National Park
Norris Junction, Publicly Owned Treatment Works
P.O. Box 169
Yellowstone National Park, WY 82190
(307) 344-2310 (office)

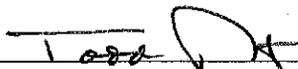
Yellowstone National Park, hereafter referred to as the permittee, is authorized to operate the waste water treatment facility located in Park County. The permittee is allowed to operate the facility according to the procedures and conditions of application **13-144**, and requirements and other conditions of this permit.

This permit shall become effective on the date of issuance and is valid for ten (10) years.



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

Oct. 14, 2013
Date



Todd Parfitt, Director
Department of Environmental Quality
Herschler Building, 122 West 25th Street
Cheyenne, WY 82002
JP/rm/13-1008

10 / 14 / 13
Date

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A. Discharge Zone

The permittee is authorized to inject an average of 45,000 gallons per day (gpd) and a maximum of 75,000 gpd of tertiary treated domestic wastewater from the Norris Junction POTW into an existing leachfield. The wastewater is injected into the unconfined Gibbon River Alluvium. The shallowest groundwater is approximately ten (10) feet below ground surface based on the measured depth to groundwater from the four (4) monitoring wells surrounding the leachfield in the summer of 2012.

B. Well Locations and Areas of Review

The injection well (sanitary leachfield) authorized by this permit is located in the SESW Quarter-Quarter of Section 23, T55N, Range 115 West of the 6th principal meridian.

The Area of Review is defined as a circular area of 730 acres with the point of injection 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 (+10 years historical)	Years
Porosity	20	Percent
Maximum Injection Rate	75,000	GPD
Thickness of Receiver	10	Feet
Area of Review	1.14	Square Miles

C. Groundwater Classification

The groundwater in the unconfined 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 assumed to be Class I by quality. Ground water is a major contributor to surface flows in nearby Gibbon River, which is currently being utilized as the water source for this facility. There are no wells permitted by the Wyoming State Engineer's Office located within one mile of this facility.

Groundwater 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 injectate (effluent) quality and volume shall not exceed limits listed in **Table 2** of this permit. The ground water in the monitor wells shall not exceed any limit listed in **Table 2** of this permit, nor any standard for Class I ground water listed in Chapter 8, Water Quality Rules and Regulations, whichever is more stringent.

The operator is authorized to inject at a pressure of no more than atmospheric pressure as measured at the wellhead.

In the case where the treatment system needs to be enlarged to accept a greater sewage flow or if the permittee plans on accepting additional sewage flows that would increase their discharge volume beyond the maximum permitted rate, the permittee must submit a revised application and receive a new permit prior to modification of the treatment system or prior to discharging beyond the maximum permitted rate.

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 any new 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. 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. Either of the purging methods below shall be used prior to sample collection:

a. Purge by Volume

Removal of a *minimum* of three (3) 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

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.

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 (3) 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 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 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 (final effluent), even if the records/data are in excess of the minimum sampling and analysis requirements of this permit. Records shall be kept 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, to 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;

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. a description of the noncompliance and its cause
 - b. the period of noncompliance, including exact dates and times, and
 - c. 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.

I. Requirements for Monitoring Groundwaters of the State

The injected fluid and groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in **Table 3**, below.

Table 2 (Groundwater Monitoring Schedule)*

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA METHOD	APPROVED ALTERNATE METHOD	PERMIT LIMIT/UCL*	HOLD TIME & TEMPERATURE
Treatment Plant Effluent (Injectate)	Monthly Sampling (during operational season); Quarterly Reporting	#Ammonia as N	350.1	HACH TNT830	N/A (see below)	28 days / 4° C
		#Nitrate as N	300.0; 353.1; 353.2; or 353.3	HACH TNT835/10206	N/A (see below)	28 days / 4° C
		*Total Coliform	Membrane Filter/1103.1	EPA 1604	N/A (see below)	24 hours / 4° C
		pH	pH Meter; 150.1 or 150.2		>6.5 and <8.5	measure during sample collection.
		Total Volume Injected	Flow meter		75,000 gpd	N/A
Monitoring Wells; MW-1, MW-2, MW-3, MW-4	One Annual sample (spring would be best due to higher groundwater levels).	#Ammonia as N	350.3	HACH TNT830	0.50 mg/L	28 days / 4° C
		#Nitrate as N	300.0; 353.1; 353.2; or 353.3	HACH TNT835/10206	10 mg/L	28 days / 4° C
		*Total Coliform	Membrane Filter/1103.1	EPA 1604	Absent	24 hours /
		pH	pH Meter; 150.1 or 150.2		>6.5 and <8.5	measure during sample collection.

NOTES: *A routine sample that is positive for coliforms, triggers repeat samples – a violation only occurs if any repeat sample is positive for total coliform.
 # These constituents must be sampled concurrently.

All chemical concentrations in this permit are expressed in mg/l unless otherwise noted. The above Upper Control Limits (UCL) are not to be exceeded in any sample. Exceedance of any UCL is a violation of this permit and shall require corrective action. Wyoming Water Quality Rules and Regulations Chapter 16 require the effluent to be sampled after treatment but prior to discharge. The points of compliance for this permit are the downgradient monitoring wells; therefore there are no UCL's for the injectate.

J. Test Procedures

All samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity. All required analyses shall be conducted in compliance with Wyoming Water Quality Rules and Regulations, Chapter 8, Section 7.

Ammonia as N and Nitrate as N shall always be sampled concurrently, resulting in paired values for every sampling event.

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 six (6) months 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. Special Permit Conditions

In addition to the conditions required of all permits, the Administrator may establish specific conditions to clarify the permit and prevent contamination of underground sources of drinking water. The following specific conditions are established for this permit.

P. Signatories Requirement

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

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

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

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

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

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

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

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

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

Q. Noncompliance

The permittee shall comply with all conditions of the permit. Any permit noncompliance constitutes a violation of Wyoming Water Quality Rules and Regulations, Chapter 16 and is grounds for enforcement action, permit termination, revocation, or modification. 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.

R. Permit Transfer

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

S. Property Rights

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

T. Permit Transfer

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-





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

October 14, 2013

National Park Service
Attn: Ms. Nancy Ward
P.O. Box 168
Yellowstone NP, WY 82190

RE: Norris Junction Publicly Owned Treatment Works (POTW), Class V Permit Renewal
Final Permit **13-144**, Facility Number: WYS-029-118
Park County, Wyoming

Dear Ms. Ward:

Attached please find one copy of the Class V septic system permit for the facility referenced above. This permit requires quarterly water quality analysis of your monitoring wells, weekly water quality analysis of your effluent, and subsequent reporting. The corresponding report forms can be filled out using our on-line webform (Monitor Reports Link), or one may submit them using Electronic Data Deliverable (EDD) at the following site: <http://gem.wqd.apps.deq.wyoming.gov>. For your convenience, the Wyoming Department of Environmental Quality (WDEQ) has printed the inspection forms and enclosed them in this mailing, you may use the paper forms to report your inspection and monitoring activities to WDEQ.

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

If you have any questions please do not hesitate to contact me at the below referenced phone number or email.

Sincerely,

John A. Passehl, P.G.
UIC Geology Supervisor
Wyoming Department of Environmental Quality
Water Quality Division
(307) 777-5623
john.passehl@wyo.gov

JP/rm/13-1008

Enclosures: Permit
Monitoring Report Forms

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. 13-145

Existing Permit 93-096

Naughton Power Plant - North Ash Pond Unit 3 - Interim Cover

This permit hereby authorizes the applicant:

Shawn Smith
PacifiCorp
P.O. Box 191
Kemmerer, WY 83101

to construct an interim fugitive dust control cover system for an existing permitted ash disposal pond, the cover system will consist of bottom ash covered with vegetated native soil placed over fugitive dust areas according to the procedures and conditions of the application number 13-145. The facility is located about 3.5 miles southwest of the Town of Kemmerer at Long: Lat: 41.761° and Long:-110.598° in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 15, 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.

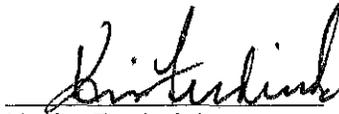
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 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

5-20-13
Date of Issuance

MDB/rm/13-0459

STATEMENT OF BASIS

1. Permit Number: 13-145
2. Application reviewed for compliance with the following regulations:
Yes. Chapters 3, and 11 of the Wyoming Water Quality Rules and Regulations.
3. If a 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 program which is being conducted with oversight by the Water Quality Division's Groundwater Pollution Control Program.
4. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

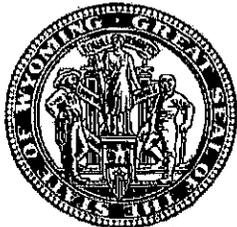
The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mark.baron@wyo.gov, Southwest District Engineer and completed on May 15, 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: David J Erickson, P.G., Water & Environmental Technologies, 480 East Park St., Butte, MT
Joshua T. Vincent, P.E., Water & Environmental Technologies, 480 East Park St., Butte, MT

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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.

Matt Mead, Governor

Todd Palfitt, Director

NOTIFICATION OF COVERAGE

April 23, 2013

Chris Riker, Project Manager
Fremont County School District #2
314 Helmer Street
Dubois, WY 82513

RE: FCSD#2 Dubois K-12 water and sewer improvements
DEQ Permit #13-146
Located in Fremont County, SW ¼, S6, T41N, R106W; Lat. 43.5408, Long. -109.6286

Dear Mr. Riker,

This project consists of rerouting a 6 inch PVC water line to accommodate new building construction, rerouting approximately 187 linear feet of 8 inch PVC sanitary sewer, extending approximately 30 linear feet of 8 inch sanitary sewer main, and constructing approximately 391 linear feet of new 6 inch sewer service including 4 manholes and 4 cleanouts to the building addition.

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 October 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
Terry Zenk, Apex Surveying, Inc., P.O. Box 18-751, 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

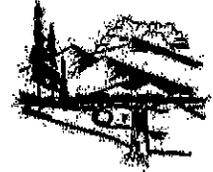






Department of Environmental Quality

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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

June 20, 2013

Keith Tyler
River Heights Development, LLC
421 South Center Street
Casper, WY 82601

RE: River Heights Subdivision
Application No. 13-148, Natrona County, WY

Dear Mr. Tyler:

The above application for coverage under General Permits to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems and Existing Sewage Collection Systems, consisting of the installation of approximately 4,680 lineal feet of 8 inch PVC water line, 1,660 lineal feet of 12" PVC water line, and associated services, fire hydrants, and valves, and 4,845 lineal feet of 8" PVC sanitary sewer line, associated sewer service lines, and sanitary sewer manholes, to serve a new 64 lot residential subdivision, located in the W ½, SW ¼, Section 11, Township 33 North, Range 80 West, Natrona 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 11 and 12** of the Water Quality Division Rules and Regulations, 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. 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

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

Sincerely,

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

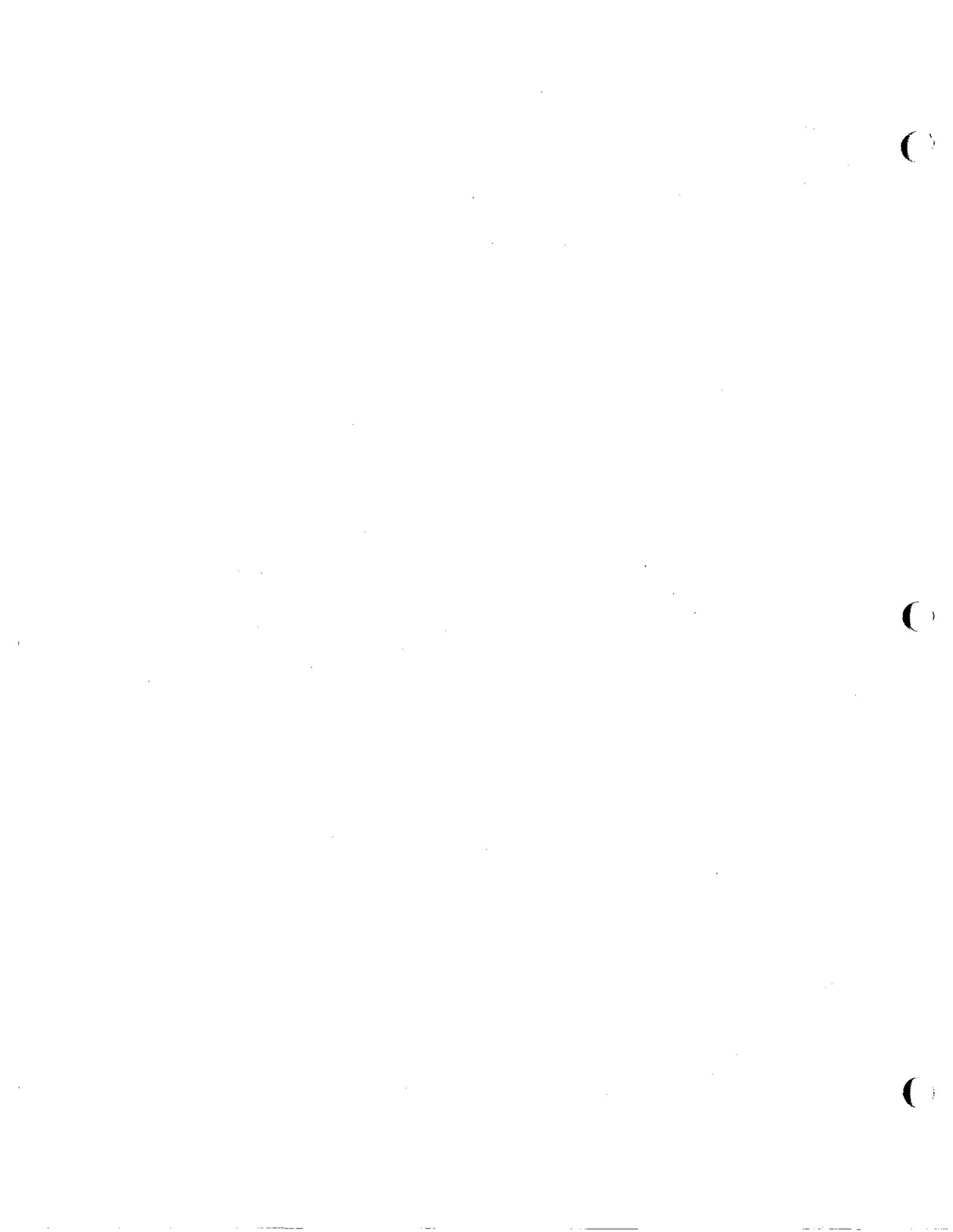
cc: IPS, Cheyenne
WDEQ Casper File
Brad Holwegner, P.E., WLC, 200 Pronghorn, Casper, WY 82601
Dave Hill, City of Casper, 200 North David, Casper, WY 82601
Mike Coleman, Town of Mills, P.O. Box 789, Mills, WY 82644

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

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

Todd Parfitt, Director

June 3, 2013

Brad Holwegner, P.E.
WLC Engineering
200 Pronghorn Street
Casper, WY 82601

RE: River Heights Subdivision
Location: SW ¼, Section 11, Township 33N, Range 80W
WDEQ Application #13-148

Dear Mr. Holwegner:

We have completed our review of the permit application submitted on April 18, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File



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

PROJECT: River Heights Subdivision
LOCATION: Natrona County, Wyoming
ENGINEER: WLC Engineering
APPLICANT: River Heights Development, LLC.

WATER QUALITY DIVISION APPLICATION NUMBER: 13-148

DATE ON PROPOSAL/PLANS/REPORT: April 18, 2013

DATE RECEIVED BY DEQ: April 18, 2013

DATE OF THIS REVIEW: June 3, 2013

WDEQ REVIEWERS: Jason Vreeland, P.E., Karen L. Farley, P.E.

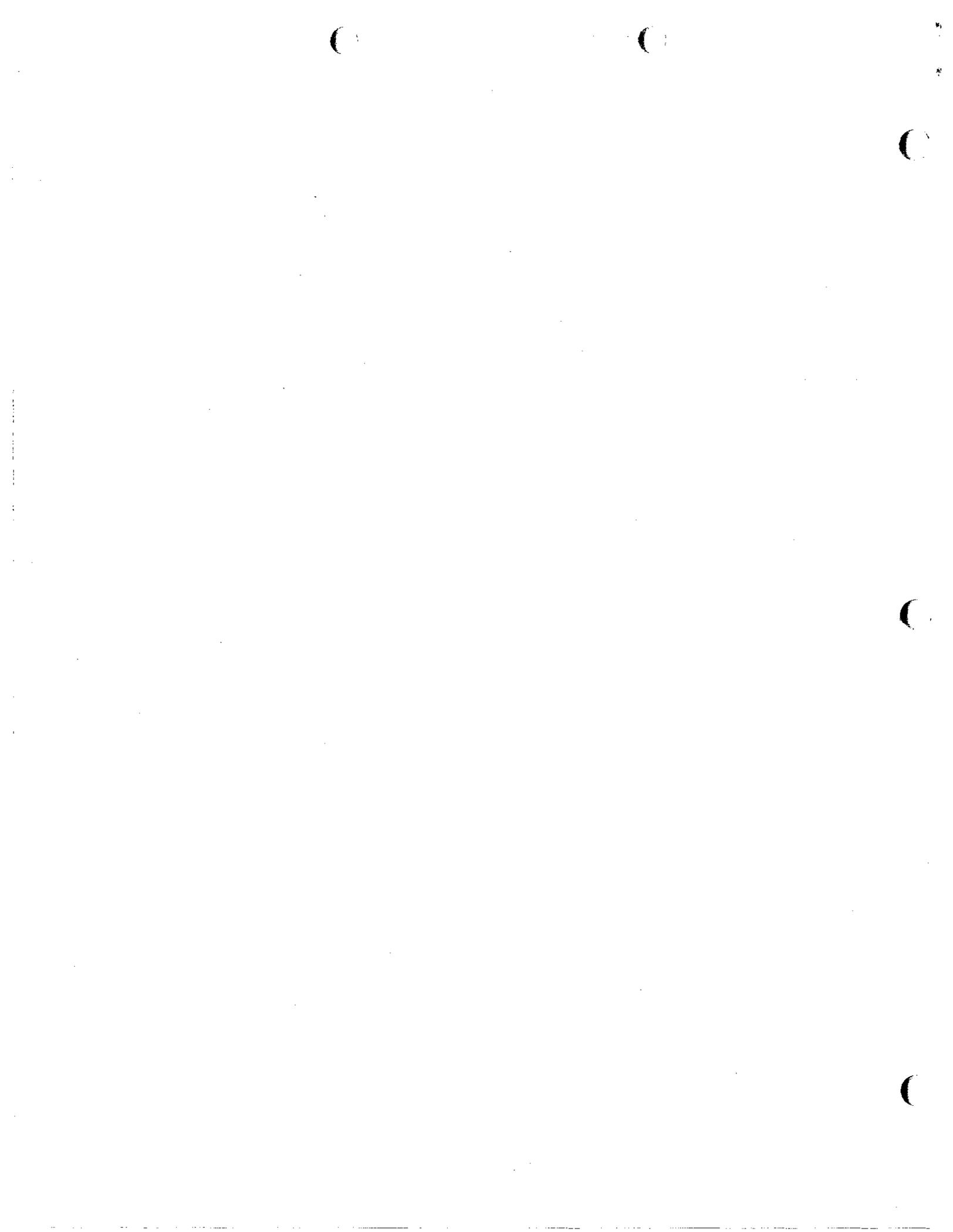
ACTION: NOT AUTHORIZED FOR CONSTRUCTION. In accordance with Chapter 3, Section 14 (a), Wyoming Water Quality Rules and Regulations (WWQRR), the application is denied because it is incomplete and/or contains errors. Please address the comments outlined below and submit the requested information/clarifications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

WDEQ COMMENTS

- 1) Chapter 12, Section 6(b)(iv) – It does not appear that the overall capacity of the Town of Mills’ water system was evaluated. Please discuss the available storage and production of the system and how the new development may or may not affect this. This type of analysis is critical when additional development such as this occurs.
- 2) Chapter 12, Section 14(b)(i) – Please provide the pipe analysis and pipe and friction losses that should have been done as part of the overall modeling of the system. Based upon what was provided in the Poison Spider Replacement project, it appears that the hydraulic grade used was 5428.60, but there was no other factors taken into account when the resultant pressures were calculated. This information, as well as tank levels and other pertinent information on well



- production and tank storage capabilities should have been included in the design report. In addition, please provide justification for the 12" line used in Poison Spider. Please address.
- 3) Chapter 12, Section 6 – The design report stated that water for the development will be provided by a connection to the Town of Mills and a connection to Regional – please clarify.
 - 4) Chapter 12, Section 14(e) – WWQRR require air relief valves at all high points. Sheet 17 appears to show a high point near 3+50 without any means of air relief.
 - 5) Chapter 12, Section 7(c) – Sheet 19 appears to show a water utility crossing at approximately station 13+60 on the plan view, but this crossing isn't shown on the profile. Please address.
 - 6) Chapter 12, Section 14(g) – The storm sewer crossing shown near station 14+30 on Sheet 31 appears to be less than 18 inches. Please address.
 - 7) Chapter 12, Section 7(c) – Manhole 18 on Sheet 43 appears to show the invert elevation in and out switched. Please address.
 - 8) Chapter 12, Section 14(e) – Sheet 44 shows a water crossing near station 18+90 on the plan view but not on the profile. Please address.
 - 9) Chapter 12, Section 14(d) – Please comment on the distance from the seasonally high groundwater level and to hydrant drains for all proposed hydrants on the project.
 - 10) Please clarify the water lines along Poison Spider Road. Sheet 23 of the plan set indicates that the 14" line on the south side of Poison Spider is operated by CWRWS. Sheet 4 of the Poison Spider Water Replacement Project appears to indicate that this line is operated by the Town of Mills. Please address.
 - 11) Chapter 12, Section 7(c)(i) – Please identify the symbols used on Sheet 23 (in particular) – they appear to be meter pits, but the legend does not have information on this. Also, what are the two lines that are shown running southeast/northwest? In addition, please show the new line from the Poison Spider project that was proposed to have been installed in the middle of the road.
 - 12) Chapters 12, Section 14(g) – Please review and address all water services that are located within 10' of sanitary sewer manholes.
 - 13) Chapter 12, Section (b)(vii) – Please address this dead-end section of line.
 - 14) Chapter 12, Section (d) – FH-10 shown on Sheet 31 should be installed on the 8" line by a tee and a separate hydrant lead and valve. The way it is shown, it is tied directly onto the 8" main. Please address.



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
STATEWIDE PERMIT TO CONSTRUCT

CHANGE OF OWNERSHIP

PERMIT NO. 13-149
SPECIAL CONDITIONS
REF/PERMIT NO. 08-666

Barium Removal Treatment Process Using TBEC CLEANSWEEP
for CBM Produced Water

This permit hereby authorizes the applicant:

Encore Energy Partners Operating, LLC
1414 Lincoln Street
Gillette, Wyoming 82716

to assume the permit for the Barium Removal Treatment process Using TBEC, INC. CLEANSWEEP- acid injection for CBM produced water, and operate it according to the procedures and conditions of this permit number 13-149, and as derived from the reference permit number 08-666. The facility is located Statewide in the State of Wyoming.

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 operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of this permit, 13-149; referenced permits 06-178 and 08-666, and

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

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

- 1 of 7 The applicant will provide immediate oral and/or written notice to DEQ CBM / Oil and Gas Group, 152 North Durbin Street, Suite 100, Casper, WY 82601, in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 7 Permit to Construct 08-666 was issued to allow use of the TBEC treatment process for the treatment of barium for CBM produced water from the Powder River Basin that requires such treatment and where the process will not increase other constituents above discharge limits.
- 3 of 7 The applicant shall provide the CBM / Oil and Gas Group, Water Quality Division with the information regarding disposal of any waste generated by the process at a DEQ approved facility.
- 4 of 7 During the first two months of operation of a new plant, the applicant will monitor operation of the facilities at least three times a week. After two months, if the operation of the facilities is within the stated operational parameters, monitoring will be conducted weekly.
- 5 of 7 An operation and monitoring report will be submitted to the CBM / Oil and Gas Group, Water Quality Division monthly for the first two months of operation. If after two months, the facility is operating within stated parameters, operation and monitoring reports may be submitted quarterly. The operation and monitoring reports will include, at a minimum, influent water quality, amount of water treated at each location, other operational information, waste disposal, and effluent water quality.
- 6 of 7 Following completion of treatment, the treatment plant and all associated structures will be reclaimed to the satisfaction of the land owner.
- 7 of 7 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

5-16-13

Date of Issuance

JDL/KJM/rm/13-0444

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 13-149
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
 - b. The STATEWIDE permit is based on completion of the Pilot Project permits# 06-178 and state wide permit #08-666
3. Does the permit comply with all applicable regulations identified above?

Yes

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

- a. Not required.

Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, Geologic Project Analyst, and completed on April 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."

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