



## Department of Environmental Quality

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



Matthew H. Mead, Governor

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

Todd Parfitt, Director

### NOTIFICATION OF COVERAGE

July 29, 2013

Alan and Bonnie Pagryzinski  
1021 Mandolin Way  
Cheyenne, WY 82007

RE: Pagryzinski Small Wastewater System, Lot 1B of Block 5 of the Sundance View Estates Subdivision  
Application No. 13-301, Crook County

Dear Mr. and Mrs. Pagryzinski:

The above application for coverage under the General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Boom concrete septic tank discharging into sixty (60) Biodiffuser Arc 36 chambers, in a bed configuration of approximately 20' by 60', for a four bedroom home located in the SW ¼, NE ¼, Section 24, Township 51 North, Range 63 West, 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](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 307-473-3478.

Sincerely,

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

cc: IPS, Cheyenne  
WDEQ Casper File  
Tim Lyons, Crook County Growth and Development  
Kenneth Rathbun, P.E., Bearlodge Ltd., Inc., P.O. Box 130, Sundance, WY 82729

Cheyenne  
122 West 25<sup>th</sup> Street 82002  
(307) 777-7937

Lander  
510 Meadowview Drive 82520  
(307) 332-3144

Sheridan  
2100 W. 5<sup>th</sup> Street 82801  
(307) 673-9337





# Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 26, 2013

### PACIFICORP

Attn: Mark R. Tallman, Vice President  
825 NE Multnomah, Suite 1900  
Portland, OR 97232

RE: Dunlap Ranch Residential Septic System  
Application No. **13-302 Carbon County**

Dear Mr. Tallman:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1250 gallon, two compartment, concrete septic tank, discharging into about 224 feet of chamber type trench leachfield divided into four equal rows of at least 14 Infiltrator brand, standard Quick4 model chamber units each, for a 3 bedroom home, located in the NE¼ SE¼ of Section 6, T24N, R78W, Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 26, 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.

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-5462	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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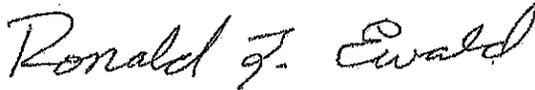
This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. **13-302** in any future correspondence.

If you have any questions, please contact me at either [ron.ewald@wyo.gov](mailto: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/m/13-0705

Enclosures: Certificate of Completion form

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



# Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 27, 2013

**Sinclair Transportation Company**  
Randall Hall  
6173 West Zero Road  
Casper, Wyoming 82604

RE: Guernsey Tank Farm Septic System,  
Application No. **13-303, Platte County**

Dear Mr. Hall:

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 105 feet of chamber type trench leachfield divided into three equal length trenches lines of about 35 feet each for a private office building serving approximately 1 employee, located in the **SW $\frac{1}{4}$ NW $\frac{1}{4}$ , Section 17, T26N, R65W, Platte County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by August 27, 2016.

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

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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. **13-303** in any future correspondence.

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

Sincerely,



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

SWT/rm/13-0812

Enclosures: Certificate of Completion

cc: IPS  
Reed Elmquist, Platte County Planning Office, PO. Box 728, Wheatland, WY 82201  
Matthew Williams, WLC Engineering, 200 Pronghorn Street, Casper, Wyoming 82601

REVIEW OF PLANS AND SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
Herschler Bldg., 4 West  
Cheyenne, Wyoming 82002

PROJECT: Guernsey Tank Farm Septic System

LOCATION: SW¼, NW¼, Section 17, T26N, R65W, **Platte County**

ENGINEER: Matthew Williams  
200 Pronghorn Street  
Casper, WY 82601  
Ph: (307) 266-2524

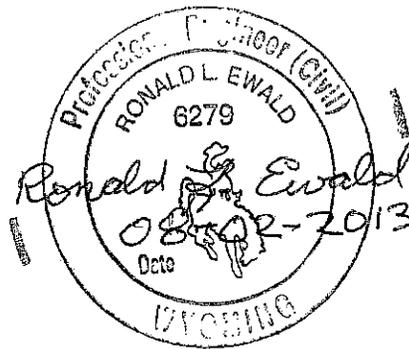
APPLICANT: Sinclair Transportation Co.  
Attn: Randy Hall, Senior Project Mgr.  
6173 West Zero Road  
Casper, WY 82601  
Ph: (307) 473-9097

**WATER QUALITY DIVISION REFERENCE #: 13-303**

REVIEWING ENG. Ronald L. Ewald

SUPERVISING ENGINEER: Seth Tourney  
(307) 777-6088  
Email: [seth.tourney@wyo.gov](mailto:seth.tourney@wyo.gov)

DATE OF REVIEW: August 2, 2013



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

## COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Design Flow Question - what is the design flow for this facility? The calculations imply that the design flow is for one person at 30gpd → requiring 77 sq.ft. of leachfield. However, towards the end of the calculations 500 sq.ft. is suddenly used without any indication of where it came from. Please indicate how many people per day this facility is to be designed for and base the other calculations on this.
2. Leachfield Installation Question - there is a statement on the project drawing that states "*Adjust site grading in this area to maintain the chamber manufacturer's fill height on chambers.*" What does this mean? It could be interpreted that the bottom of the bed should be graded to maintain the fill height requirement, and there is 1 foot of surface slope across the bed area. Please clarify.
3. Leachfield Construction Flaw - on the cross section drawing it says to "*Install filtration fabric over Infiltrators*". This should not be done. The Infiltrator chambers are designed and engineered to be indirect contact with the soil. Placing filtration fabric over the chambers can lead to early failure because of excessive biofilm growth on the fabric.
4. Leachfield Cross Section Question - the leachfield cross section drawing shows the existing ground surface in the leachfield area to be level. However, the elevation contours on the site plan clearly indicate a 1 foot surface elevation change across the bed section (9% to 10%). Which is it? Is the existing ground surface level or sloped in the proposed leachfield area. The cross section drawing should be consistent with the rest of the plans. How will the slope change be accounted for in the design?
5. Groundwater Questions - item # 5 in the project notes states that "No Groundwater was encountered." How was this determined? Was a test pit or trench dug? And if so, to what depth? Were any of the following observed, or were they not even looked for? Was a rock layer observed? Was a clay layer observed? Did the soil have a mottled color(which can be indicative of groundwater)? Was the soil stained a dark color or was a salt/alkali layer encountered? This facility is within about 1¼ mile of a river and therefore the answers to all of the above questions are important to determine if seasonal high ground water could be present.

P.S. - Your responses to these questions and concerns should be addressed to Mr. Seth Tourney, as I will no longer be with DEQ after August 8, 2013.

**END OF REVIEW**

RLE/rm/13-0727



# Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 22, 2013

**The University of Wyoming, Physical Plant**  
Attn: Matthew Alexander, Design Engineer  
1000 E. University Avenue, Dept 3227  
Laramie, Wyoming 82071

RE: University of Wyoming Shipping and Receiving Addition,  
Application No. **13-304, Albany County**

Dear Mr. Alexander:

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 560 feet of 8-inch water main located in the **Northwest ¼, Section 34, T16N, R73W, Albany County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, 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. In the event that the water main will be access for any activity with a high health hazard in accordance with AWWA M14 "Recommended Practice for Backflow Prevention and Cross-Connection Control," the appropriate backflow protection shall be installed and utilized accordingly.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 22, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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



Please reference Application No. 13-304 in any future correspondence.

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

Sincerely,

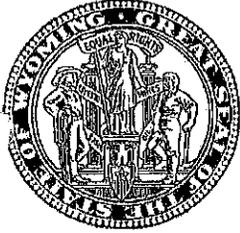


Seth Tourney, P.E.  
Southeast District Engineer  
Water Quality Division

SWT/rm/13-0675

Enclosures: Certificate of Completion form

cc: IPS  
Cal Van Zee, City of Laramie, 1167 North 4<sup>th</sup> Street, Laramie, Wyoming 80273  
Murray Schroeder, WWC Engineering, 611 Skyline Road, Laramie, Wyoming 82070



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Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 22, 2013

University of Wyoming  
Attn: Kenneth Jones  
1000 E. University Avenue  
Laramie, Wyoming 82071

RE: Half Acre Gymnasium Addition and Renovation,  
Application No. 13-305, Albany County

Dear Mr. Alexander:

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 202 feet of 6-inch water main located in the East 1/2 of Section 33, T16N, R73W, Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 22, 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:

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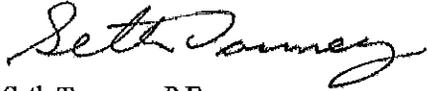
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-305 in any future correspondence.

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

Sincerely,



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

SWT-13-0676

Enclosures: Certificate of Completion form

cc: IPS  
Cal Van Zee, City of Laramie, 1167 North 4<sup>th</sup> Street, Laramie, Wyoming 80273  
Murray Schroeder, WWC Engineering, 611 Skyline Road, Laramie, Wyoming 82070



# Department of Environmental Quality

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Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 26, 2013

### Town of Dixon

Attn: Matt Feldmann, Mayor  
P.O. Box 38  
Dixon, Wyoming 82323

RE: 2012 Carbon County Consensus Wastewater Collection and Water System Improvements Project,  
Application No. **13-306, Carbon County**

Dear Mr. Feldmann:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems consisting of replacing approximately 5 fire hydrants and Existing Sewage Collection Systems consisting of replacing approximately 210 LF of 6-inch sanitary sewer and 75 LF of 4-inch sanitary sewer in Sections 4 and 5, T12N, R90W Carbon County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the 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. After construction is completed, the fire hydrants shall be flow tested for fire flow, static pressure, and residual pressure. Within twelve (12) months of completion for the facility, these test results shall be submitted to Seth Tourney, Southeast District Engineer, 122 W. 25<sup>th</sup> Street, Cheyenne, Wyoming, 82002.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 25, 2018.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. **13-306** in any future correspondence.

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

Sincerely,



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

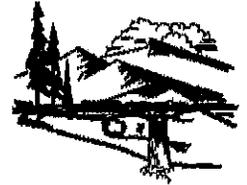
SWT/rm/13-0697

Enclosures: Certificate of Completion form

cc: IPS  
Michelle Christopher, Town of Dixon, P.O. Box 38, Dixon, Wyoming 82323  
Ryan Duve, Lidstone and Associates, 4025 Automation Way, Bldg. E, Fort Collins, CO  
80525



# Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 23, 2013

Nancy Tia Brown, Mayor  
City of Cody  
P.O. Box 220  
Cody, WY 82414

RE: Yellowstone Regional Airport - Snow Removal Equipment Building's Sewer Line Extension Project, Permit No. 13-307, SW ¼, SE ¼, Township 53N, Range 101W, Park County

Dear Mayor Brown:

This project consists of installing approximately 350 linear feet of 8-inch sewer mains, two manholes and a sand oil separator to serve the snow removal equipment building. The above application for coverage under General Permits to Construct the extension of an existing sewer collection system has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

xc: PDF to Cheyenne  
Tim Wick, Morrison-Maierle, Inc., 2200 Foothills Blvd., Suite A, Gillette, WY 82716

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) 332-8755  
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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152 N. Durbin St., Suite 100 · Casper, WY 82601 · (307) 473-3450

Todd Parfitt, Director

### NOTIFICATION OF COVERAGE

August 2, 2013

Kit Doornink  
K&K Builders, LLC.  
P.O. Box 956  
Sundance, WY 82729

RE: Doornink Small Wastewater System  
Application No. 13-308, Crook County

Dear Mr. Doornink:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Boom Concrete septic tank discharging into four rows of seven Biodiffuser ARC 36 Chambers each, for a residential building located in the NW $\frac{1}{4}$ , **Section 24, Township 51N, Range 63W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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 rows. 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





# Department of Environmental Quality



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Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 20, 2013

Jackie Claudson, Administrator  
South Bighorn County Hospital District  
388 South  
Basin, WY 82410

RE: SBHCH Phased Hospital Replacement  
DEQ Permit #13-309  
Located in Big Horn County, N ½, Lot 68, T52N, R93W; Lat. 44.4337, Long. -108.05122

Dear Ms. Claudson,

This project consists of the replacement of the existing hospital facility and associated infrastructure including domestic water and sanitary sewer distribution lines.

The project covered under this permit does not include the replacement of the existing sewage treatment system, but this permit is issued with the understanding that the sewage treatment system will be replaced so that it meets current DEQ standards due to technicalities in obtaining funding grants. *Failure to replace the sewage treatment system with a properly functioning system within one year of construction will result in enforcement action by DEQ.*

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 **December 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.

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



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](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  
Todd Kelly P.E., GDA Engineers, P.O. Box 338, Cody, WY 82414



# Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

July 25, 2013

**Granite Peak Development**  
Attn: Dan Guertman, Managing Member  
1300 Venture Way  
Casper, Wyoming 82609

RE: Swan Ranch 4<sup>th</sup> Filing Offsite Utilities  
Application No. 13-310, Laramie County

Dear Mr. Guertman:

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 installing approximately 4,550 LF of 8-inch and 2,010 LF of 10-inch sanitary sewer main located in the Northeast ¼, Section 27, T13N, R67W, Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 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. Additionally, the following project specific conditions also apply:

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by July 25, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. 13-310 in any future correspondence.

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

Sincerely,

Seth Tourney, P.E.  
Southeast District Engineer  
Water Quality Division  
SWT/rm/13-0696

Enclosures: Certificate of Completion form

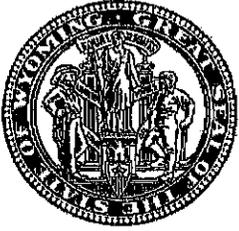
cc: IPS

Herman Noe, Cheyenne BOPU, P.O. Box 1469, Cheyenne, WY 82003  
Tom Kent, AVI, p.c., 1103 Old Town Lane, Ste. 101, Cheyenne, Wyoming 82009

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.

Matt Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 30, 2013

Gary Hamlin, Mayor  
Town of Pavillion  
P.O. Box 278  
Pavillion, WY 82523

RE: Rural Pavillion Cisterns  
DEQ Permit #13-311  
Located in Fremont County, NW ¼, SW ¼, S 7, T 3N, R 2E

Dear Mayor Hamlin

This project consists of the construction of a water loading station and associated work for a cistern fill station to serve the area surrounding the town of Pavillion.

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 December 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](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  
James C. Gores, P.E., James Gores and Associates, P.C., 111 North Third East, Riverton WY 82501

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

ABANDONED MINES  
(307) 332-6085  
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  
PWS #WY5600018

PERMIT NO. 13-312

REFERENCE PERMIT NO. 11-196

Sinclair Transportation -- Light Oil Rack Fire Protection Service

This permit hereby authorizes the applicant:

Dee Packard  
Sinclair Transportation  
550 East South Temple  
Salt Lake City, UT 84102

to construct, install, and/or modify the Sinclair Transportation – Light Oil Rack Fire Protection Service line, including construction of one 8" PVC fire service line including booster pump, according to the procedures and conditions of the application number 13-312. The facility is located in the SE ¼ of Section 6, Township 33 North, Range 78 West, further located in the Town of Evansville in Natrona 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.

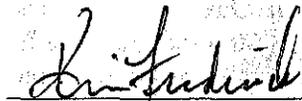
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does

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

**AUTHORIZED BY:**



Kevin Frederick  
Administrator  
Water Quality Division



Todd Parfitt  
Director  
Department of Environmental Quality

11-5-13  
Date of Issuance

KLF/rm/13-1065

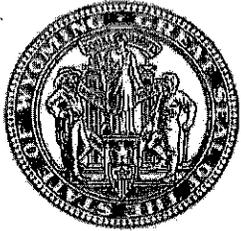
cc: Matt Williams, PE, WLC, 200 Pronghorn, Casper, WY 82601  
Phil Hinds, Mayor – Town of Evansville, P.O. Drawer 158, Evansville, WY 82636

## STATEMENT OF BASIS

1. Permit Number: **13-312**
2. Application reviewed for compliance with the following applicable regulations :  
Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?  
YES.
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.  
N/A
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on November 5, 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

August 9, 2013

William Malloy, Mayor  
Town of Thermopolis  
P.O. Box 603  
Thermopolis, WY 82443

RE: Fourth Street Sewer Main Project, Permit Number: 13-313, SE ¼ & SW ¼, Section 36, T. 43 N., R. 95 W., Hot Springs County

Dear Mayor Malloy:

This project consists of installing 250 linear feet of 6-inch sewer main in the alley between Broadway and Warren Streets. The above application for coverage under General Permits to Construct the extension of an existing sewer collection system has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

xc: Heath Overfield, P.E., Engineering Associates, 429 Broadway, Thermopolis, WY 82443  
PDF to Cheyenne

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

July 25, 2013

Bill Pollock  
1244 South Wolcott  
Casper, WY 82601

RE: 158 Progress Circle, Fire Service Connection  
Application No. 13-314, Natrona County

Dear Mr. Pollock:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems consisting of the construction of approximately 80 feet of 4 inch waterline located in **Section 7, 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 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](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  
Shawn Gustafson, P.E., ECS Engineers, 1607 CY Avenue, Suite 102, Casper, WY 82604



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT  
PWS#5601415

PERMIT NO. 13-315

REFERENCE PERMIT NO. 13-401 (Sewer Improvements)

Casper Logistics Hub – Water Improvements Project Phase I

This permit hereby authorizes the applicant:

Rich Fairservis  
1300 Venture Way  
Casper, WY 82609

to construct, install, and/or modify the Casper Logistics Hub – Water Improvements Project Phase I, including installing approximately 16,900 lineal feet of 16-inch PVC water main, 3,400 lineal feet of 12" PVC water service, associated valves, fire hydrants, and air relief valves, to serve the new Casper Logistics Hub development, according to the procedures and conditions of the application number 13-315. The development is located in multiple Sections of Township 34 North, Range 80 West, approximately five miles north of Highway 20/26 along Six Mile Road in Natrona 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.

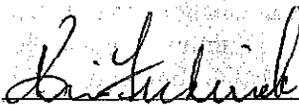
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does

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.

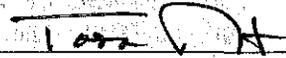
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

**AUTHORIZED BY:**



Kevin Frederickick  
Administrator  
Water Quality Division



Todd Parfitt  
Director  
Department of Environmental Quality

11-5-13

Date of Issuance

KLF/rm/13-1066

cc: Tom Brauer, PE, CEPI, 6080 Enterprise Drive, Casper, WY 82609  
Dave Hill, City of Casper, 200 North David, Casper, WY 82601

## STATEMENT OF BASIS

1. Permit Number: **13-315**
2. Application reviewed for compliance with the following applicable regulations :

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

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

NO – Chapter 12, Section 13(a)(i)(C) requires that water storage for the area served “shall be 25% of Maximum Day Demand plus required fire storage” or, with this development, approximately 1.5 Million Gallons (MG). Current storage available is 1 MG. No additional storage is proposed. This determination was made based upon the following factors: 1) Current problems with stagnant water and resultant water quality issues, 2) Design report utilizes conservative estimates for the development and future demands, 3) Conservative estimates have also been utilized to estimate the required storage for the area, and 4) Two reliable pumping stations are available for supplying peak day demands.

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

N/A

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

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on November 5, 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

August 14, 2013

### City of Laramie

Attn: Earl Smith, Public Works Director

P.O. Box C

Laramie, Wyoming 82073

RE: Grand Avenue – 15<sup>th</sup> Street to 21<sup>st</sup> Street Waterline Replacement,  
Application No. 13-316, Albany County

Dear Mr. Smith:

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 2700 LF of 30-inch water main and 2700 LF of 16-inch water main located in the **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 **August 14, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. 13-316 in any future correspondence.

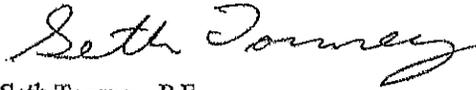
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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

Sincerely,



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

SWT/rm/13-0761

Enclosures: Certificate of Completion form

cc: IPS  
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming 82073  
Claudia Torrence, Trihydro Corporation, 1252 Commerce Drive, Laramie, Wyoming 82070



# Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

December 3, 2013

Todd Gnose  
A&T Land Development  
2280 West Teton  
Green River, WY 82935

RE: Rock Springs - The Estates At Whispering Pines Phase II -Water & Sewer Mains - Permit Number 13-317, Federal Lot 31, Section 28, T19N, R105W, Sweetwater County

Dear Mr. Gnose:

The above application for coverage under **General Permit to Construct** the extension of a **Public Water Supply System** consisting of about 900 linear feet of 8-inch PVC water main and the extension of a **Sewage Collection System** consisting of about 1200 linear feet of 8-inch PVC sewer main to serve 19 residential lots 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

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

Page 1 of 1





# Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 27, 2013

Todd Gnose  
A&T Land Development  
2280 West Teton  
Green River, WY 82935

RE: Green River - Lucy Estates - Water & Sewer Mains - Permit Number 13-318, NE ¼, Section 34 and SE ¼ Section 27, T18N, R107W, Sweetwater County

Dear Mr. Gnose:

The above application for coverage under General Permits to Construct the extension of a Public Water Supply System consisting of about 1300 linear feet of 8-inch PVC water main and the extension of a Public Sewage Collection System consisting of about 1010 linear feet of 8-inch PVC sewer main to serve 28 residential lots 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

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

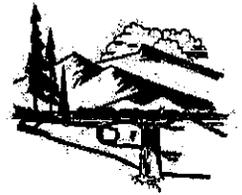
Page 1 of 1





# 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

September 24, 2013

Chairman  
Johnson County Board of Commissioners  
76 North Main Street  
Buffalo, WY 82834

RE: North Shore PUD, Johnson County  
WDEQ Application #13-319  
Wyoming DEQ has - **NO ADVERSE** - Recommendations

Dear Commissioners:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision application pursuant to W.S. 18-5-306. This letter constitutes our recommendations pursuant to the requirements of W.S. 18-5-306 (c).

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

The proposed small wastewater system design is to use on-site septic tanks with leach fields for this 359 acre, 60 lot development of the North Shore Subdivision. The development is located in portions of Sections 1 & 12, Township 52 North, Range 83 West, and Section 1, Township 52 North, Range 82 West, further located adjacent to Lake DeSmet, Johnson County, Wyoming. The development is proposed to be a Planned Unit Development, with lot sizes ranging in size from 1.45 acres to 9.26 acres.

Previous recommendations concerning the proposed sewage systems were incorporated into the original 2006 plat under "PLAT WARNINGS". Subsequently, as part of this proposed subdivision, the consultant has proposed additional recommendations as a result of the additional acreage and number of lots added by this particular subdivision. The additional recommendations to be included on the plat are as follows:

- 1) All leachfields shall be a minimum of 15 feet above groundwater if within the scoria. Further, all leachfields should be placed no greater than 3 feet below the ground surface. In addition, no leachfields shall be placed deeper than 4625 elevation (five feet above the property boundary along the lake), or within 50 feet of the 4620 line.
- 2) It is recommended that home sites located next to the lake be required to replace 4-feet of the subsoil with a material that has a percolation rate of slower than 10 minutes per inch.
- 3) All leachfields shall be designed/sized based on a percolation rate of no faster than 20 minutes per inch, even if on-site percolation rates are greater.
- 4) Chamber systems shall be used with nozzle breaks used to spread the wastewater within the chambers. Air vents shall be designed within the chambers to provide an aerobic atmosphere within the chambers. These vents can be passive and each leachfield shall have two vents. The intake and outlet shall be on the opposite sides of the chambers. The intake shall be at ground level and the outlet should



be 10 feet above the ground surface.

5) All septic systems shall be pressurized dosing systems. Septic tank filters must be used.

6) The four feet of material beneath the chamber shall have a PI of less than 5.

The consultant stated that the developer has already installed two pre-treatment wastewater systems for two houses built on the shoreline lots. The systems pre-treat the wastewater prior to entering the septic system described above. These two systems were permitted by Johnson County.

The consultant further states that adequate areas for the on-site septic system leachfields as well as replacement areas can be found throughout the subdivision. Each septic system will be required to be permitted through Johnson County prior to construction, and as part of the permit process, each homeowner will be required to perform additional percolation tests and subsurface investigation. These tests and investigations will provide assurance that the leachfields are sited in areas that meet Wyoming Department of Environmental Quality/Water Quality Division's (WDEQ/WQD) requirements.

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

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

The proposed water supply is to be individual on-site wells. The main aquifer for the subdivision is anticipated to be the scoria/clinker aquifer. The consultant has stated that all wells drilled into the scoria/clinker must be screened 20-30 feet below the static water level. Further, the consultant has stated that no wells or leachfield can be placed within 50 feet of the lot property boundary. This separation will provide a minimum of 100' between all wells and septic systems.

Usage for the subdivision at full build-out is estimated to be 18,000 – 27,000 gallons per day, or 6.57 to 9.86 million gallons of water per year, with a maximum volume of 30 million gallons of water per year. The consultant stated that the scoria/clinker aquifer has great hydraulic conductivity and recharge and as a result, water quantity is not a concern.

Water quality analysis of the scoria/clinker water has shown that the aquifer can be classified as Class II, which means that treatment will be necessary to bring the water to drinking water quality standards (Class I). The consultant recommends that treatment systems, as summarized in the report, be utilized by the homeowners.

The WDEQ has reviewed the information submitted and is satisfied that the use of on-site wells is feasible **provided that** the following, or similar, language is added to the plat or all offers, solicitations, advertisements, contracts, and agreements relating to the subdivision, advising potential buyers of the following:

- 1) **Placement of all leachfields and wells at all lots should be pre-planned and/or designed to ensure proper separation.**
- 2) **All wells should be drilled to the bottom of the scoria/clinker and screened such that there is a minimum of 20 feet of separation between the top of the screen and the static water level. This may require that only 5 feet of screen be used in some of the wells. Based on the aquifer properties, adequate water will be produced from 5 feet of screen.**
- 3) **All residents shall use the water quality treatment systems summarized in the report.**
- 4) **Potential buyers/lot owners are advised to hire a reputable well drilling contractor and construct/complete their well within guidelines described in SEO Rules and Regulations,**

**Part III, Water Well Minimum Construction Standards. An approved permit from the Wyoming SEO is required prior to the drilling of a water well.**

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

**Conclusions:**

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

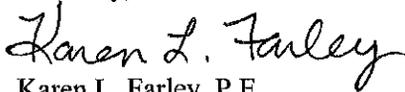
**Disclaimer**

The no "adverse" recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the North Shore PUD Subdivision. Any questions or concerns about the water rights for the North Shore PUD Subdivision should be directed to the State Engineer's Office. The State Engineer's Office has provided comments on this subdivision and has stated that it is "**generally supportive of the proposed subdivision if the proper Petition actions are perfected.**" As of the writing of this letter, these actions have NOT been completed.

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

Please do not hesitate to contact me at (307) 473-3478 or [karen.farley@wyo.gov](mailto:karen.farley@wyo.gov) if you have any questions on these recommendations.

Sincerely,



Karen L. Farley, P.E.

WDEQ/WQD

Northeast District Supervisor

cc: Tom Pilch, P.E./PG., Pilch Engineering, 41 East Burkitt Street, Sheridan, WY 82801  
Rob Yingling, Johnson County Planning Office, 76 North Main Street, Buffalo, WY 82834  
Mike Ebsen, SEO  
WDEQ Subdivision File  
IPS



# 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

September 12, 2013

### Wyoming Military Department

Attn: Lieutenant Colonel Guy Beaudoin  
5410 Bishop Boulevard  
Cheyenne, Wyoming 82009

RE: Camp Guernsey Utility Infrastructure Design,  
Application No. 13-320, **Platte County**

Dear LTC Beaudoin:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of replacing approximately 3,050 lineal feet (LF) of 8-inch water main and **Existing Sewage Collection Systems** consisting of replacing approximately 1080 LF of 10-inch sanitary sewer main and approximately 720 LF of 8-inch sanitary sewer main located in the Southeast ¼, Section 35, T27N, R66W and the Northeast ¼, Section 2, T26N, R66W, Platte 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. Due to limiting capacities at the wastewater treatment facility, future sanitary sewer connections beyond the buildings displayed on the "Camp Guernsey Phase 1" exhibit will require a permit to construct from Wyoming DEQ / WQD to ensure that wastewater treatment facility has adequate capacity.**

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by September 10, 2018.

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

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. **13-320** in any future correspondence.

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

Sincerely,



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

SWT/rm/13-0854

Enclosures: Certificate of Completion form

cc: IPS

Gary Grigsby, Western Research & Development, 5908 Yellowstone Road, Suite B, Cheyenne, WY  
82009

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 13-321

Cowboy Country Distillery - Water Well and Septic System  
No Public Water System Number Assigned

This permit hereby authorizes the applicant:

Timothy T. Trites  
Green River Valley Distilling, LLC  
P.O. Box 687  
Pinedale, WY 82941

to construct a transient public water supply well and septic system to serve a distillery with a retail store according to the procedures and conditions of the application number 13-321. The facility is located about 5 miles south of the Town of Pinedale, Wyoming in NE ¼ SE ¼ Section 25, T33N, R109W (Lot 1 Cobblestone Subdivision) in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by September 13, 2015.

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

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

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

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

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

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

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

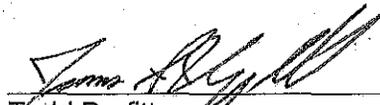
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Kevin Frederick  
Administrator  
Water Quality Division



Todd Parfitt  
Director  
Department of Environmental Quality

9-17-13

Date of Issuance

MDB/rm/13-0867

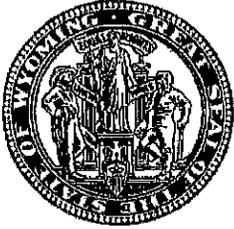
## STATEMENT OF BASIS

1. Permit Number: 13-321
2. Application reviewed for compliance with the following regulations:  
Yes. Chapters 3,11 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
No. Variances are being granted from the following two requirements.  
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 from the requirement to have alternative power.  
Chapter 12, Section 9 (b)(i) requires either two water wells or storage. Since the propose water system is a transient system a variance from the two water well requirement is granted.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
Not Required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

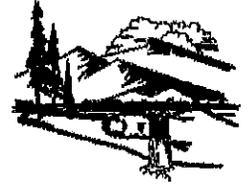
## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mark.baron@wyo.gov, Southwest District Engineer and completed on September 13, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

cc: Michael T. Jackson, P.E., Rio Verde Engineering, P.O. Box 642, Pinedale, WY 82941



# 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

August 27, 2013

Ken Webber, President  
Reach Foundation  
P.O. Box 846  
Riverton, WY 82501

RE: Sertoma Drive Improvements  
DEQ Permit #13-322  
Located in Fremont County, SE ¼, SE ¼, S 28, T 1N, R 4E

Dear Mr. Webber,

This project consists of the extension of an existing 6" PVC water line with 120 linear feet of 8 inch C900 pipe and a fire hydrant. Note: The sewer service in the permit application does not require a permit, and is not included herein.

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 general permit and the materials submitted in your application package and the **General Permit to Construct, Install, Modify or Operate a Sewage Collection System**. Construction shall be completed by December 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](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 Hatle P.E., Apex Surveying, Inc., P.O. Box 1751, Riverton, WY

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 13-323

Black Hills Power/Neil Simpson Plant Chlorination System Upgrades  
PWS# WY5600135

This permit hereby authorizes the applicant:

Black Hills Power  
13151 HWY 51  
Gillette, Wyoming 82718

to construct, install or modify a chlorination system upgrade according to the procedures and conditions of the application number 13-323. The facility is located at Neil Simpson Power Plant approximately 6 miles east of Gillette, in Section 22, Township 50 North, Range 71 West, in the County of Campbell, in the State of 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 discharge permit conditions or other effluent or operational requirements. Compliance with discharge standards remains the responsibility of the permittee.

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

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

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

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

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

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

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

9-19-13

Date of Issuance

KJF/rm/13-0878

## STATEMENT OF BASIS

1. Permit Number: 13-323
2. Application reviewed for compliance with the following applicable regulations:
  - a. Chapters 3 and 12.
3. Does the permit comply with all applicable regulations identified above?  
A deviation is approved as noted below.
4. Facilities not specifically covered by regulations
  - a. Identify specific sections of the regulations for which a deviation is approved and briefly summarize the regulation.  
Chapter 12 Section 8(k) requires ventilation equipment for minimum 6 air changes per hour in rooms with treatment equipment.
  - b. Briefly state the basis for the deviation.  
This project will place sodium hypochlorite injection equipment, including up to 10 gallons sodium hypochlorite solution storage, in an existing 30' x 60' x 11' building that currently houses water storage tanks and has ventilation equipment capable of 2.4 air changes per hour. Based on the setting and on the type and size/quantity of equipment and chemical, upgrading the existing ventilation capability to 6 air changes per hour will be waived for this proposed upgrade.
5. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.  
not required
6. Documentation of Statement of Basis.  
  
The archive file for this permit will include adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter 3, Wyoming Water Quality Rules and Regulations. This review was performed by Kevin Frank, SRF Project Engineer, and completed on September 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."



# Department of Environmental Quality

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



Matthew H. Mead, Governor

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

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 21, 2013

Lowell Fleenor  
District Engineer  
WYDOT  
900 Bryan Stock Trail  
Casper, WY 82601

RE: Wyoming Boulevard Sanitary Sewer Realignment  
Application No. 13-324, Natrona County

Dear Mr. Fleenor:

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 installation of 280 lineal feet of 12" PVC sanitary sewer line and one manhole, in order to replace and realign existing 12" VCP sanitary sewer, located in the NW ¼, Section 7, 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 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](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  
Mike Coleman, Public Works Director, Town of Mills, 704 4<sup>th</sup> Street, Mills, WY 82644  
Justin Stearns, PE, WLC, 200 Pronghorn, Casper, WY 82601





# Department of Environmental Quality

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



Matthew H. Mend, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 5, 2013

### Eighty-Eight Oil, LLC

Attn: Jerry Herz, Operations Superintendent  
P.O. Drawer 2360  
Casper, Wyoming 82609

RE: Eighty-Eight Oil Tank Farm Office Building Commercial Septic System  
Application No. 13-325 Goshen County

Dear Mr. Herz:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1500 gallon, two compartment, concrete septic tank, discharging into about 180 feet of chamber type trench leachfield divided into four equal trenches of at least 8 *Blodiffuser* brand, ARC 24 model chamber units each, for a 20 employee office building, located in the SW¼ NE¼ of Section 22, 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 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 **August 5, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. 13-325 in any future correspondence.

If you have any questions, please contact Seth Tourney at either [seth.tourney@wyo.gov](mailto:seth.tourney@wyo.gov) or by phone at (307) 777-8088.

Sincerely,

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

RLE/rm/13-0729

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne

Johnson Pump & Excavating, 200 Dickinson Hill, Wheatland, WY 82201

Gary Childs, Goshen County Planner, P.O. Box 160, Torrington, WY 82240

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. 13-326

LOWE'S PUMP HOUSE  
PWS # WY5600011

This permit hereby authorizes the applicant:

Lowe's HIW, Inc.  
1605 Curtis Bridge Drive  
Wilkesboro, NC 28659

to construct, install or modify one diesel drive and one electric drive each 2500 GPM at 50 psi pumps according to the procedures and conditions of the application number 13-326. The facility is located in Section 31, T14N R65W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed September 24, 2016.

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

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

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

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

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

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

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

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

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

AUTHORIZED BY:

  
\_\_\_\_\_  
Kevin Frederick  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
Todd Parfitt  
Director  
Department of Environmental Quality

Date of Issuance 9-25-13

SWT/rm/13-0920

## STATEMENT OF BASIS

1. Permit Number: 13-326
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 September 24, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

## REVIEW OF PLANS AND SPECIFICATIONS

### WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION

122 West 25<sup>th</sup> Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Lowe's Pump House  
ENGINEER: Mark Butler  
Inberg-Miller Engineers  
350 Parsley Blvd.  
Cheyenne, WY 82007  
APPLICANT: Greg Seward  
Lowe's HIW, Inc.  
1605 Curtis Bridge Dr.  
Wilkesboro, NC 28659



WATER QUALITY DIVISION REFERENCE NUMBER: 13-326  
REVIEWING ENGINEER: Seth W. Tourney  
DATE OF REVIEW: September 19, 2013

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

### COMMENTS, INADEQUACIES, AND QUESTIONS

#### General

1. An Engineering Design Report needs to be submitted in accordance with Chapter 12 Section 6 (a) and (b) of the Water Quality Rules and Regulations.
  - a. The engineering report should address the scope, purpose, existing conditions, proposed conditions, and supporting engineering analysis about impacts due to the proposed conditions.
  - b. Hydraulic calculations do not appear to be performed for the water distribution system around the building under a Wyoming Professional Engineer Seal. These calculations need to be performed in the Engineer Design Report, and it needs to be performed with the proposed booster pump curves. Also, the engineering design report needs to discuss what pumps and pump curves are proposed for this system.
  - c. This design report needs to identify the existing pipe sizes, material and pressure classifications, and it needs to ensure the existing pipes can handle the pressures for the proposed design.
  - d. The design report needs to clearly state all improvements being proposed with the project. Pumps, Bypasses, PRVs, backflow protection, modifications to the other water line connection to this site, and etc.

PROJECT: Lowe's Pump House  
DATE OF REVIEW: September 18, 2013

- e. The engineering design report should address the concept of alternative power, and the proposed design under these alternative power conditions.
  - f. The engineering design report needs to address the operation of the booster pumps and how they start up, operate, and shutdown.
2. Please provide the pump curves for the proposed booster pumps.

### **Water Supply Analysis Report – based on City of Cheyenne Modeling**

3. On page 4 of the report, the narrative discusses that HASS values matched the performance. Please clarify if this is referencing the July 2012 water flow analysis in Appendix B.
4. Please provide a reference for the program used in the HASS hydraulic model program.
  - a. A schematic for the HASS model needs to be provided. On Page 6 of the report, the footnote for the table indicates that system numbers represent in-building sprinkler systems shown on sheet FP101 in Appendix D; however, according to the table of contents for Appendix D this is not included or physically including in Appendix D.
  - b. Be sure to clarify in the report if BOR stands for Base of Riser, and clarify the location of the BOR.
  - c. Please provide a narrative describing the origin and purpose of the hydraulic placard in the building and the concept of relating the HASS model to this placard. Please provide an exhibit of this placard in the design report.
5. On page 5 of the report, the Fire Hydrants are labeled by letters, but Appendix B labels the fire hydrants by numbers. Please provide clarification.
6. A schematic for the water system hydraulic analysis must be provided.

### **Specifications**

7. The Water Supply Analysis Report recommends that pumps providing 50 psi at 3000 gpm. However, the specifications are specifying 50 psi pumps at 2,500 gpm for each the electric drive and the diesel drive pumps.
  - a. The engineering design report should address the concept of alternative power, and the proposed design under these alternative power conditions.

PROJECT: Lowe's Pump House  
DATE OF REVIEW: September 18, 2013

8. Specification 13922 Section 1.04.A states, "Diesel fire pump shall serve as the secondary fire pump, if the city water supply should fail. The diesel pump will receive water from the private tank only." The construction drawing does not appear to support this concept as the influent line is serviced from the water line connecting to the City's Water Supply system. Please advise and include discussion in the Engineering Design Report.
9. The specifications provided indicate "Requested Sections." Please provide all of the technical specifications for this project.

### **Construction Plans**

10. In preparing construction plans please refer to Section 7 of Chapter 12 in the Water Quality Rules and Regulations.
  - a. In accordance with Chapter 12 Section 7, please provide a title sheet. And bind all construction drawings together that are proposed for this project.
11. On Drawing Number C2.01, it appears that there is sewer line boring. Please provide specifications for this boring along with all casing spacers, joint connections, cathodic protection, and everything related to this installation.
12. On Drawing Number C2.01 and in the specifications, it appears that there will be a surge tank installed. However, during our meeting on September 18, 2013, it was indicated that this surge tank is no longer proposed. Please clarify and provide updated drawings if required.
13. On Sheet FP1.01 in Detail 3, the fittings shown for the 10-inch bypass line do not appear to match the fittings shown on Detail 2 for the plan view.
14. There do not appear to be any dimensions provided for the fire pump house detail. Please provide dimensions showing the size of the building and adequate space available for the fittings and operation.

### **Re-submittal**

15. In accordance with Chapter 3 of the Rules and Regulations, please provide three (3) complete copies of the engineering design report, construction plans, and construction specifications.

**END OF REVIEW**

SWT/rm/13-0888

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
ROAD APPLICATION PERMIT

New  
 Renewal  
 Modified

PERMIT NO. 13-327  
SPECIAL CONDITIONS

Plains Pipeline – Wamsutter Station  
Road Application

This permit hereby authorizes the applicant:

Plains Pipeline, L.P.  
2401 E. Daley  
Rawlins, WY 82301

to road apply approximately 10 cubic yards of petroleum contaminated soil on approximately 100 feet of road and tank farm dikes, according to the procedures and conditions of application number 13-327. The application site is located in Section 27, Township 20 North, Range 94 West, in the county of Carbon, in the State of Wyoming. This permit shall be effective until December 1, 2013. If road application cannot be completed by that time, an extension must be requested from WDEQ.

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

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

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

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

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

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

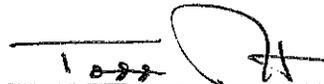
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 8 The permittee shall notify representatives from the DEQ/WQD at least 48 hours prior to the application of petroleum contaminated soil. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 North Durbin Street, Suite 100, Casper, WY 82604, telephone (307) 473-3452; FAX (307) 473-3458.
- 2 of 8 The permittee shall provide immediate oral and/or written notice to the Casper WDEQ Field Office in accordance with the provisions of Section 9, Chapter III, Wyoming Water Quality Rules and Regulations of any changes or modifications to the approved permit package.
- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the road application was completed; and
  - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
  - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 8 Only petroleum contaminated soil is authorized for use.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 Application of petroleum contaminated soil shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of the petroleum contaminated soil.

AUTHORIZED BY:



Kevin Frederick  
Administrator  
Water Quality Division



Todd Parfitt  
Director  
Department of Environmental Quality

8-12-13  
Date of Issuance

KJM/rm/13-0738

STATEMENT OF BASIS

I. General information.

A. Permit Number: 13-327

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

District Policy 10.2 (10/17/86)

V. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter III<sup>1</sup>. (Indicate either applicable or not applicable. If not applicable delete all of section VI. from the Statement of Basis.)

NA

VI. If Section 17 of Chapter III is applicable, indicate the basis of determining groundwater will be protected. (Fill out only the applicable sections and indicate sections that are not applicable.)

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying and incorporating the petroleum contaminated soil onto the roadbed.

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

A. The 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, Project Geologist, and completed on August 9, 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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<sup>1</sup>Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 17.



# 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

December 17, 2013

Anthony Beeson, P.E.  
Burns & McDonnell Engineering  
9785 Maroon Circle, Suite 400  
Centennial, CO 80112

RE: Gillette Madison Pipeline Project, Donkey Creek Pump Station  
Location: Section 26, Township 50N, Range 70W, Campbell County  
WDEQ Application #13-330

Dear Mr. Beeson:

We have completed our review of the permit application submitted on December 2, 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

Mike Cole, P.E., City of Gillette Utilities Department, 611 N. Exchange Avenue, Gillette, WY 82716

RECEIVED  
DEC 19 2013  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY DIVISION  
WYOMING



**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:** Gillette Madison Pipeline Project, Donkey Creek Pump Station

**LOCATION:** Campbell County, Wyoming

**ENGINEER:** Burns and McDonnell Engineering

**APPLICANT:** City of Gillette

**WATER QUALITY DIVISION APPLICATION NUMBER: 13-330**

**DATE ON PROPOSAL/PLANS/REPORT:** November 27, 2013

**DATE RECEIVED BY DEQ:** December 2, 2013

**DATE OF THIS REVIEW:** December 17, 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) Chapters 12, Section 7(c) – The type of pipe, to include DR value or pressure rating, must be listed on the plan set. Please address.
- 2) Chapters 12, Section 12(a) – Please provide the technical justification for the Vertical Turbine Pump specification indicated on the previous response. The specification does provide the required operating conditions, but what must be submitted is how you arrived at these operating conditions. Please provide the pump curve for the proposed pumps as well as how you arrived at the design flow, minimum flow, and maximum motor size. Also, the response indicates the design total dynamic head is 510 feet based on the required discharge pressure minus the lowest suction pressure. It isn't clear how the required design pressure was calculated. Please clarify.

- 3) Chapter 12, Section 12(h) and 12(i) – The response to comments indicated the pump room will not have any ventilation from outside air and will only be able to recirculate internal air through the heating/cooling system. WWQRR require all accessible pumping station areas to be ventilated which would include with outside air. A variance must be request and justified to construction without the appropriate ventilation. Also, without adequate ventilation, please comment on the dehumidification of the facility.
- 4) Chapters 12, Section 12(o) – Please comment on the impacts the proposed pump station will have on the existing pump station. The surge report indicates that the suction line on the existing pump station may have low pressure under certain scenarios.
- 5) Chapter 12, Section 8(d) – The response to comments indicated that the City has adequate storage to meet maximum daily demand and does not need alternative power. Please verify that all areas served by the Donkey Creek Booster Station are supplied by storage adequate to meet the maximum daily demand. Based on the Gillette Madison Pipeline District Extensions project the Bennor consecutive system will not have any storage.



# 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

August 30, 2013

Anthony Beeson, P.E.  
Burns & McDonnell Engineering  
9785 Maroon Circle, Suite 400  
Centennial, CO 80112

RE: Gillette Madison Pipeline Project, Donkey Creek Pump Station  
Location: Section 26, Township 50N, Range 70W, Campbell County  
WDEQ Application #13-330

Dear Mr. Beeson:

We have completed our review of the permit application submitted on July 8, 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  
Mike Cole, P.E., City of Gillette Utilities Department, 611 N. Exchange Avenue, Gillette, WY 82716



**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**

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**PROJECT:** Gillette Madison Pipeline Project, Donkey Creek Pump Station

**LOCATION:** Campbell County, Wyoming

**ENGINEER:** Burns and McDonnell Engineering

**APPLICANT:** City of Gillette

**WATER QUALITY DIVISION APPLICATION NUMBER: 13-330**

**DATE ON PROPOSAL/PLANS/REPORT:** May 14, 2013

**DATE RECEIVED BY DEQ:** July 8, 2013

**DATE OF THIS REVIEW:** August 30, 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) Chapters 12, Section 7(c) -- The yard piping plan Sheet D-3, doesn't appear to list the size or type of pipe, to include DR value or pressure rating, to be used for the suction or discharge piping. Please address.
- 2) Chapters 12, Section 12(a) -- Please provide additional information on the pump design including pump curves, total dynamic head rating, and calculations for the total dynamic head for each station.
- 3) Chapter 12, Section 12(h) and 12(i) -- Please comment on the ventilation of the pumping station with respect to air changes per hour.
- 4) Chapter 12, Section 12(n) -- Please comment on the surge control system and how this system

was designed.

- 5) Chapters 12, Section 12(o) – Please provide the design suction and discharge pressures for the pumping station and note the start and cutoff pressures for the pump.
- 6) Chapter 12, Section 12(q) – Please comment on the location of pressure gauges for each pump and if they will be provided.

---

- 7) Chapter 12, Section 14(i) – Please provide a detail for the overflow piping. It is not clear where this is connected into the system.
- 8) Chapter 12, Section 8(d) – Please justify the lack of onsite backup power generation. WWQRR require an alternative power source where the finished water storage volume that floats on the distribution system is not capable of supplying the maximum daily demand.
- 9) WDEQ Comments on the septic system and holding tank will be issued under a separate WDEQ tracking number.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 13-331

ROUND TOP HYPOCHLORITE GENERATION PROJECT

This permit hereby authorizes the applicant:

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

to construct, install or modify sodium hypochlorite generation and injection system according to the procedures and conditions of the application number 13-331. The facility is located in NW 1/4 of the NE 1/4 of Section 16, T14N R67W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 26, 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.

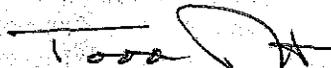
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

8-27-13

SWT/rm/13-0811

## STATEMENT OF BASIS

1. Permit Number: **13-331**
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 August 27, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality

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Matthew H. Mead, Governor

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

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 15, 2013

Henry Burkholder  
143 Horseshoe Lane  
Hulett, WY 82720

RE: Burkholder Residential Privy and Land Application of Domestic Septage  
Permit # 13-332

Dear Mr. Burkholder:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility and General Statewide Permit for Domestic Septage Land Application in Remote areas consisting of a concrete-lined privy and land application site for a home located in the SW<sup>1</sup>/<sub>4</sub>, Section 23, Township 55N, Range 66W, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package.

Additionally, the following permit condition applies:

1. The privy shall be constructed to prevent access by flies and rodents.
2. The vault shall be accessible for waste removal and ventilated to a point outside and above the outhouse building. The outhouse building shall have a set of vents installed near the floor on two opposite sides of the building and a roof vent that has a rain cap. All vents shall be screened.
3. The application of domestic septage between November 1<sup>st</sup> and May 1<sup>st</sup> should be avoided. If domestic septage is land applied during these months, it must not be applied during wet or frozen conditions.
4. A sufficient quantity of lime shall be added to raise the pH of the septage to 12 at least 30 minutes prior to land application.
5. Complete the WWQRR Chapter 15 worksheet (Appendix C) subsequent to each land application and keep for at least five years. These records shall be made available upon request by WDEQ or Crook County Growth and Development.

Please contact Crook County Growth and Development for further County requirements and to schedule construction inspection. Please contact me if you have any questions at 307-473-3469.

Sincerely,

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

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

Cheyenne  
122 West 25<sup>th</sup> Street 82002  
(307) 777-7937

Lander  
510 Meadowview Drive 82520  
(307) 332-3144

Sheridan  
2100 W. 5<sup>th</sup> Street 82801  
(307) 673-9337





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Todd Parfitt, Director

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### NOTIFICATION OF COVERAGE

August 15, 2013

Steve Heath  
P.O. Box 457  
Sundance, WY 82729

RE: Heath Small Wastewater System  
Application No. 13-333, Crook County

Dear Mr. Heath:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Norwesco polyethylene septic tank discharging into a chambered bed system of three rows of three Biodiffuser ARC 36 Chambers, for a shop building located in the NW¼, **Section 25, Township 49N, Range 64W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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 rows. 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





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Todd Parfitt, Director

### NOTIFICATION OF COVERAGE

August 15, 2013

Stephen Muller  
P.O. Box 1048  
Sundance, WY 82729

RE: Muller Small Wastewater System  
Application No. 13-334, Crook County

Dear Mr. Muller:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Boom Concrete septic tank discharging into two rows of seven Biodiffuser Standard Chambers each, for a cabin located in the NW¼, Section 26, Township 54N, 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, 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](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 rows. 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





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Matt Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 9, 2013

Carolyn S. Powell  
MVG-REH (HDDG Evanston), LLC  
Millennium Venture Group, Inc.  
1509 York Street, Third Floor  
Denver, CO 80206

RE: Evanston - Fed Ex Addition - Sewer Main Extension - Permit Number 13-335, NW ¼ Section 19, T15N, R120W, Uinta County

Dear Ms. Powell:

The above application for coverage under **General Permit to Construct** the extension of a **Public Sewage Collection System** consisting of about 276 Linear Feet (LF) of 8-inch PVC sewer main to serve two lots in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

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





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Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 6, 2013

### Town of Pine Bluffs

Attn: Caryn Miller, Town Administrator  
P.O. Box 429  
Pine Bluffs, WY 82082

RE: Butler Avenue Sanitary Sewer Extension  
Application No. **13-336**, **Laramie County**

Dear Town Administrator:

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 approximately 1,000 linear feet of 8" PVC D-3034 SDR-35 sewer main, and 4 new manholes, located in the **NW¼, Section 14, T14N, R60W, Laramie County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by August 6, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. **13-336** in any future correspondence.

If you have any questions, please contact Seth Tourney at either [seth.tourney@wyo.gov](mailto:seth.tourney@wyo.gov) or by phone at (307) 777-6088.

Sincerely,

Ronald L. Ewald  
Assistant Southeast District Engineer  
Water Quality Division  
RLE/rm/13-0734

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne  
Erin Gates, BenchMark Engineers, P.C., 1920 Thomes Ave, Suite 620, Cheyenne, WY 82001





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Todd Parfitt, Director

### NOTIFICATION OF COVERAGE

August 22, 2013

Dan Coughlin  
SAWS JPB  
224 South Main, 4<sup>th</sup> Floor  
Sheridan, WY 82801

RE: **Maverick Road Bridge Waterline Relocation Project**  
**Application No. 13-337, Sheridan County**

Dear Mr. Coughlin:

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 relocation of 8" PVC water main to accommodate the expanded Maverick Road Bridge over Little Goose Creek, located in SW ¼ SE ¼ of Section 22, Township 55 North, Range 84 West and NW ¼ NE ¼ of Section 27, Township 55 North, Range 84 West, Sheridan 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](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  
Joe Feeley, P.E., EnTech, Inc., 1949 Sugarland Drive, Suite 205, Sheridan WY 82801





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Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

August 19, 2013

Randy Evans  
P.O. Box 475  
Upton, WY 82730

RE: Evans Small Wastewater System  
Application No. 13-338, Crook County

Dear Mr. Evans:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Boom Concrete septic tank discharging into two pipe and rock trenches of approximately 75 feet each, for a residential building located in the NW¼, **Section 14, Township 51N, Range 63W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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 rows. Standard tees are not an adequate substitute for flow-dividing tees. Flow-dividing tees may only be used when the system configuration allows for flows to be distributed evenly between trenches.

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  
Tri-City Excavation, Inc., 169 Thorn Divide Road, Carlile, WY 82721

Cheyenne  
122 West 25<sup>th</sup> Street 82002  
(307) 777-7937

Lander  
510 Meadowview Drive 82520  
(307) 332-3144

Sheridan  
2100 W. 5<sup>th</sup> Street 82801  
(307) 673-9337



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: **13-339**  
Facility Number: WYS-039-050  
State Subclass: 5E4  
Previous Permit Number: 11-066 and 5E3-98-1

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: Jackson Hole Airport  
Mr. Ray Bishop, Airport Director  
P.O. Box 159  
Jackson, WY 83001

Jackson Hole Airport, hereafter referred to as the permittee, is authorized to operate the waste water treatment facility, two (2) injection wells (**Injection Well #1 and #2**), and the control tower septic system located in Teton County. The permittee is allowed to operate the facility according to the procedures and conditions of application **13-339**, 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 25<sup>th</sup> Street  
Cheyenne, WY 82002

\_\_\_\_\_  
Date

\_\_\_\_\_  
Todd Parfitt, Director  
Department of Environmental Quality  
Herschler Building, 122 West 25<sup>th</sup> Street  
Cheyenne, WY 82002

\_\_\_\_\_  
Date

NT/rm/13-1217

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### A. Discharge Zone

The permittee is authorized to inject an average of 20,250 gallons per day (gpd) and a maximum of 28,000 gpd of tertiary treated domestic wastewater from the Jackson Hole Airport waste water treatment plant into two (2) proposed injection wells, and 60 gpd average and a maximum of 100 gpd of primary treated wastewater from the existing control tower septic system. The wastewater is injected into the Snake River Alluvium. The shallowest groundwater is approximately forty (40) feet below ground surface based on data from the 2010 USGS report *Hydrogeology and Water Quality in the Snake River Alluvial Aquifer at the Jackson Hole Airport, Jackson, Wyoming, September 2008-June 2009*.

### B. Well Locations and Areas of Review

The injection wells authorized by this permit are identified in Table 1.

**Table 1 (Well Location(s))**

Well Name	Legal Description	Latitude*	Longitude*
Injection Well #1	NW¼SW¼SE¼ Section 14, T42N, R116W	43.5988	-110.7327
Injection Well #2	NW¼SW¼SE¼ Section 14, T42N, R116W	43.5988	-110.7327

\*NAD83 (decimal degrees)

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

**Table 2 (Area of Review Inputs)**

Description	Inputs	Units
Permit Duration	10	Years
Porosity	30	Percent
Maximum Injection Rate	28,000	GPD
Thickness of Receiver	150	Feet
Area of Review	360	Acres

### C. Groundwater Classification

The groundwater in the Snake River Alluvium 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 meets all water quality standards set forth in Chapter 8 for Class I water.
- The groundwater in this formation is currently being used for public supply and 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 injectate (effluent) volume shall not exceed limits listed in **Table 3** of this permit. The ground water in the monitor wells shall not exceed any limit listed in **Table 3** 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. Both 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:

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. 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 proposed injection wells. Based on the design information provided as part of the application process, the down-gradient monitoring well is proposed to be installed at a depth of 160 feet below ground surface.
11. The permittee's airport irrigation system well (which is up-gradient of the proposed injection wells) shall be sampled once to obtain baseline ground water quality 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).

**DRAFT**

**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 3 (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)	Weekly Sampling; Quarterly Reporting	#Ammonia as N	350.1	HACH TNT830	0.50 mg/L	28 days / 4° C
		#Nitrite-Nitrate as N	300.0; 353.1; 353.2; or 353.3	HACH TNT835/10206	10 mg/L	28 days / 4° C
		Chloride	300.0, 300.1, 353.2	SM 4110, SM 4140 SM 4500CL	250 mg/L	28 days / 4° C
		Total Coliform Bacteria**	Membrane Filter	SM 9221, SM 9222	Absent	30 hours / 4° C
		pH	pH Meter 150.1 or 150.2		>6.5 and <8.5	measured during sample collection.
		Total Volume Injected	Flow meter		28,000 gpd	N/A
Monitoring Wells; JH-2, and JH-WWTP-1	Quarterly Sampling and Reporting (Jan. 1-Mar 30; Apr. 1-Jun. 30; Jul. 1-Sep. 30; Oct. 1-Dec. 31)	Static Water Level	Measuring tape		NA	Measure once per quarter
		Top of Casing Elevation (one-time)	Surveyed		NA	

**NOTES:**

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

\*\*A routine sample that is positive for Total Coliform Bacteria, triggers sampling for E. Coli bacteria

\*\*\*If the rolling average for any effluent water quality parameter results in a permit violation, then all monitor wells identified in **Table 3** shall be sampled weekly for whichever parameter(s) caused the violation and reported on a weekly basis for twelve (12) consecutive weeks. DEQ may extend weekly sampling and reporting of the monitor wells beyond twelve (12) weeks if ground water standards are exceeded in the monitor wells.

# These constituents must be sampled concurrently.

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

Wyoming Water Quality Rules and Regulations Chapter 16, Section 11 (f) states "All Class V permits shall contain a point of compliance. The point of compliance shall be the point of injection or specific monitor wells located down gradient of the injection facilities." The Department has chosen to enforce ground water permit limits prior to injection (effluent) rather than at the monitor wells.

The above Upper Control Limit (UCL) for the treatment plant's effluent shall apply to the rolling average of three (3) consecutive reportable values on the above weekly schedule. Exceedance of the UCL in any average of three (3) consecutive reportable values is a violation of this permit.

Any violation under this section shall require that all monitor wells identified in **Table 3** be sampled and reported weekly for twelve (12) consecutive weeks for whichever parameter(s) caused the violation. In the case that either ammonia or nitrate are the parameters that caused the violation, both of these parameters will be analyzed weekly for twelve (12) consecutive weeks, resulting in paired values.

The permittee is not required to take more than one (1) effluent sample per week. In addition, the permittee is not limited to only analyzing a certain number of samples per day or per sampling period. If multiple effluent samples are analyzed during a given sampling period (i.e. one (1) week), the results for the first three (3) samples and the highest sample result for the week shall be averaged together to serve as the reportable value for that week. If the highest sample result for a given week is one of the first three (3) sample results, then only the results of the first three (3) samples shall be averaged (three (3) values). The highest sample result for a week for any parameter shall always be included in the average for a given week (**Table 4**). For example, the reportable value for nitrate in Week #1 on **Table 4** is 7.625 mg/L, which is the average of the first three (3) samples analyzed as well as the highest value for the week. In Week #2 the highest value fell within the first three (3) samples analyzed so only the first three values need to be averaged. When only two (2) samples are analyzed in a sampling period average those two to get the reportable value.

**Table 4 (Example Calculation for Determining Reportable Value when Multiple Samples are Analyzed in a Week)**

Week #	Sample #	Parameter	Result	Weekly Reportable Value
1	1	Nitrate	8 mg/L	$(8 + 2.5 + 3 + 17)/4 =$ <b>7.625</b>
	2		2.5 mg/L	
	3		3 mg/L	
	4		1.5 mg/L	
	5		10 mg/L	
	6		17 mg/L	
2	1	Ammonia	1.3 mg/L	$(1.3 + 0.6 + 0.1)/3 =$ <b>0.67</b>
	2		0.6 mg/L	
	3		0.1 mg/L	
	4		0.4 mg/L	

Anytime an average value is used as the reported value for a given sampling period, a note shall accompany the report explaining how many samples were analyzed during that sampling period (one (1) week) and the fact that the reported value is an average.

A rolling average is defined as taking any three (3) consecutive weekly reportable values throughout a quarter and averaging them together. For example, the rolling average could consist of the sample results from the 3<sup>rd</sup> and 4<sup>th</sup> weeks in October and the 1<sup>st</sup> week of November or the 2<sup>nd</sup> through the 4<sup>th</sup> weeks of November. The rolling average must be calculated each week with that week's lab result combined with the previous two (2) weeks' worth of lab results. The rolling average result is what is compared against the UCL in this permit (Table 3) to determine if a violation has occurred.

Lab bench sheets for mid-stream sampling and analysis shall be kept separate from lab bench sheets for the effluent sampling and analysis. Each bench sheet shall be labeled as to whether it was for mid-stream data or for effluent data.

#### **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.

#### **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 permittee's 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).

**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**

## STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

- A. UIC Permit Number: **13-339**
- B. Facilities Covered: Jackson Hole Airport
- C. Class of Facility: Class V (Wyoming Water Quality Rules and Regulations, Chapter 16)

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

- |               |     |               |     |
|---------------|-----|---------------|-----|
| A. Chapter 8  | Yes | D. Chapter 13 | No  |
| B. Chapter 12 | No  | E. Chapter 16 | Yes |

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

- A. Review of application package indicates proposed facility will be in compliance with applicable regulations identified in Section II.  
Yes
- B. Permit based on deviation from applicable regulations in accordance with approved policy statement.  
No

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

Not Applicable

V. Documentation of Statement of Basis.

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

VI. Applicant and Public Participation

- A. The applicant has been provided with a draft permit prior to the permit being issued.
- B. A Public Notice has been issued with a public notice period starting December 25<sup>th</sup>, 2013 and ending on January 23<sup>rd</sup>, 2014 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 16). This notice was published in the Jackson Hole Guide on or before the start of the public comment period.

### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Wyoming Water Quality Rules and Regulations, Chapter 16, Section 6. This review was performed by Nicole Twing, completed on December 5, 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".

## STATE OF WYOMING PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO INDICATE THE STATE OF WYOMING'S INTENTION TO ISSUE AN UNDERGROUND INJECTION CONTROL PERMIT AND TO CLASSIFY THE RECEIVING GROUNDWATER OF THE STATE IN THE VICINITY OF THE PERMITTED INJECTION UNDER THE WYOMING ENVIRONMENTAL QUALITY ACT (35-11-101 ET. SEQ. WYOMING STATUTES 1957, CUMULATIVE SUPPLEMENT 1973), AND DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY RULES AND REGULATIONS CHAPTERS 8, 11 AND 16. THIS PERMIT WILL ALLOW THE DISPOSAL OF AN AVERAGE OF 20,250 GALLONS PER DAY AND A MAXIMUM OF 28,000 GALLONS PER DAY OF WASTEWATER INTO TWO (2) PROPOSED INJECTION WELLS, AND A MAXIMUM OF 100 GALLONS PER DAY OF WASTEWATER INTO ONE (1) EXISTING SEPTIC SYSTEM.

PERMIT NUMBER: **13-339**; PERMITTEE NAME: Jackson Hole Airport Attn: Mr. Ray Bishop, PO Box 159, Jackson, WY 83001; PHONE: (307) 733-7695; FACILITY NAME AND LOCATION: Jackson Hole Airport, located in the SE $\frac{1}{4}$  of Section 14, Township 42 North, Range 116 West, of the 6<sup>th</sup> Principal Meridian, Teton County, Wyoming.

The purpose of this notice is to inform the public that the UIC Program is proposing to reissue an underground injection control permit for the Jackson Hole Airport. This permit proposes to authorize the injection of an average of 20,250 gallons per day (gpd) and a maximum of 28,000 gpd tertiary treated domestic wastewater from the proposed wastewater treatment plant into two (2) proposed injection wells. In addition, 60 gpd average and 100 gpd maximum of primary treated domestic wastewater from the existing control tower septic system will also be permitted. The wastewater will be injected into the Snake River Alluvium. The shallowest groundwater is approximately forty (40) feet below ground surface.

The groundwater in the alluvial aquifer is classified as Class I according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because the groundwater meets water quality standards set forth in Chapter 8 for Class I water and groundwater in the immediate vicinity is being used for domestic purposes at multiple points of withdrawal.

The proposed permit requires that the permittee monitor the injection and submit periodic reports. Monitoring is designed to show that there will not be a groundwater standards violation as a result of this injection. Underground Injection Control regulations require that each permitted injection well be reviewed thoroughly at least every five (5) years in addition to the normal annual review.

Other tentative determinations have been made by the State of Wyoming relative to conditions to be imposed on the permit. These conditions will assure that useable water of the State will be protected and applicable provisions of State statutes and regulations will be followed.

PUBLIC COMMENTS on the proposed permit and the proposed groundwater classification should be submitted in writing and addressed to: John Passehl, Wyoming Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; or by FAX to (307) 777-7610. Comments submitted by email will not be considered. All written comments received prior to 5:00 P.M, January 23<sup>rd</sup>, 2014 in the Cheyenne office will be considered.

Any person may request in writing (prior to the end of the public comment period) that a public hearing be held. Requests should indicate the name and full mailing address of the individual requesting a hearing, the interest that individual has in the project, and the grounds for holding a public hearing. If a hearing is not warranted, the final permit will be issued at the end of the public comment period.

**Public Notice 13-339**

Publish on or before December 25<sup>th</sup>, 2013 (Jackson Hole Guide)



# 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

December 19, 2013

Mr. J. David Chase  
Chief, Reservoir Management Group  
Wyoming State Office  
2987 Prospector Drive  
Casper, Wyoming 82604

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Mr. Chase:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

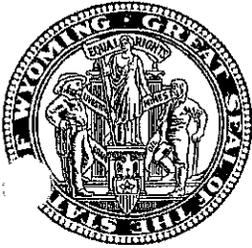
Sincerely,

Nicole Twing, P.G.  
Wyoming Department of Environmental Quality  
Project Geologist  
Water Quality Division  
NT/rm/13-1217

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

December 19, 2013

Jackson Hole Airport  
Attn: Mr. Ray Bishop, Director  
P.O. Box 159  
Jackson, WY 83001

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Mr. Bishop:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

Nicole Twing, P.G.  
Wyoming Department of Environmental Quality  
Project Geologist  
Water Quality Division  
NT/rm/13-1217

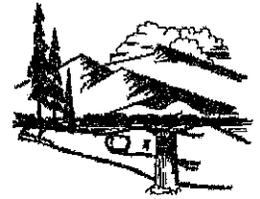
Enclosure: Draft Permit





# 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

December 19, 2013

Mary Hopkins  
State Historic Preservation Office  
2301 Central Avenue  
Barrett Building, 3<sup>rd</sup> Floor  
Cheyenne, WY 82002

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit **13-339**, Class V Permit Application  
Teton County, Wyoming

Dear Ms. Hopkins:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

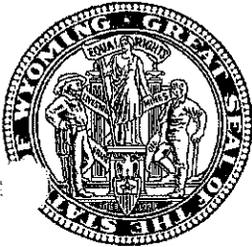
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If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

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

NT/rm/13-1217





# 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

December 19, 2013

Lisa Lindemann  
Wyoming State Engineer's Office  
122 West 25th Street  
Cheyenne, Wyoming 82002

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit **13-339**, Class V Permit Application  
Teton County, Wyoming

Dear Ms. Lindemann:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

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

NT/rm/13-1217





# 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

December 19, 2013

Mr. Larry Claypool  
Deputy State Director, Minerals and Lands  
BLM-WY State Office  
5353 Yellowstone Road  
Cheyenne, WY 82009

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Mr. Claypool:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

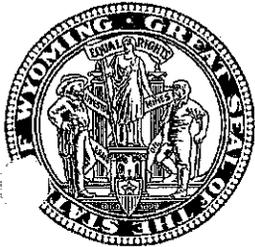
If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

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

NT/rm/13-1217





# 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

December 19, 2013

Teton County Administration Building  
Attn: Jeff Daugherty  
P.O. Box 1727  
200 South Willow Street  
Jackson, WY 83001

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit **13-339**, Class V Permit Application  
Teton County, Wyoming

Dear Mr. Daugherty:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

Nicole Twing, P.G.  
Wyoming Department of Environmental Quality  
Project Geologist  
Water Quality Division  
NT/rm/13-1217





# 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

December 19, 2013

Wendy Cheung  
USEPA, Region VIII  
1595 Wynkoop Street  
Denver, Colorado 80202-1129

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Ms. Cheung:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next forty-five (45) days.

Sincerely,

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

NT/rm/13-1217





# Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

December 19, 2013

Rick Huber  
Wyoming Game and Fish Department  
5400 Bishop Blvd.  
Cheyenne, WY 82002

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Mr. Huber:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

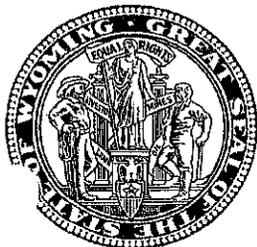
If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

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

NT/rm/13-1217





# 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

December 19, 2013

Shannon Anderson  
Powder River Basin Resource Council  
934 N. Main Street  
Sheridan, WY 82801

RE: Jackson Hole Airport, Facility Number: WYS-039-050  
Draft Permit 13-339, Class V Permit Application  
Teton County, Wyoming

Dear Ms. Anderson:

The Jackson Hole Airport has submitted a permit application for an injection well permit. The proposed underground injection control (UIC) permit will remove four (4) existing septic systems from the facility, and replace them with an onsite wastewater treatment plant with bioreactor and two (2) injection wells. Wastewater is currently and will continue to be injected into the Snake River Alluvial Aquifer located in Section 14, T42N, R116W, Teton County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to issue an underground injection control permit for the facility.

The draft permit, public notice, and deadline for comments have been posted at <http://deq.state.wy.us/wqd/events/index.asp> for you and the public to review. Additional application material provided by the applicant is available on DEQ's GEM website at <http://gem.wqd.apps.deq.wyoming.gov>.

If you have any questions, feel free to contact me at (307)-777-8275 or [nicole.twing@wyo.gov](mailto:nicole.twing@wyo.gov). Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next thirty (30) days.

Sincerely,

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

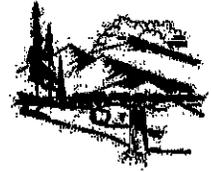
NT/rm/13-1217





# 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

September 10, 2013

City of Laramie  
Attn: Earl Smith, Public Works Director  
P.O. Box C  
Laramie, WY 82073

RE: Indian Ridge Subdivision 1st Addition, Application No. 13-340

Dear Mr. Smith:

The above application for coverage under the General Permit for Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations (WWQRR) and for coverage under the General Permit for Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the WWQRR has been reviewed and is hereby approved. The project consists of approximately 1600 LF of 8-inch to 16-inch PVC water main, approximately 1500 LF of 8-inch PVC sanitary sewer main, and associated appurtenances, and is located in SE1/4, Sec. 26, T16N, R73W, in Albany County. You are authorized to construct, install or modify the facility in accordance with the general permits and the materials submitted in your application package. All construction, installation, or modification authorized under this Notification of Coverage shall be completed by December 31, 2015. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits. The general permits are available for download at [http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp).

If you have any questions, please contact me at 307-473-3471 or [kevin.frank@wyo.gov](mailto:kevin.frank@wyo.gov).

Sincerely,

*Kevin J. Frank*

Kevin J. Frank  
Project Engineer  
Water Quality Division

cc: IPS, Cheyenne  
Grant Lindstrom; Lindy, LLC; 1651 Nottage Ct.; Laramie, WY 82072  
Christie M. Roberts, Gertsch-Baker Engineering, 104 S. 4th St., Suite 100, Laramie, WY 82070  
Cal Van Zee, City of Laramie, P.O. Box C, Laramie WY 82073

Cheyenne  
122 West 25<sup>th</sup> Street 82002  
(307) 777-7937

Lander  
510 Meadowview Drive 82520  
(307) 332-3144

Sheridan  
2100 W. 5<sup>th</sup> Street 82801  
(307) 673-9337





## 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

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### NOTIFICATION OF COVERAGE

August 30, 2013

City of Laramie  
Attn: Earl Smith, Public Works Director  
P.O. Box C  
Laramie, WY 82073

RE: Spring Creek Village - Boswell Drive Mini-Storage Infrastructure,  
Application No. 13-341

Dear Mr. Smith:

The above application for coverage under the General Permit for Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations (WWQRR) and for coverage under the General Permit for Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the WWQRR has been reviewed and is hereby approved. The project consists of approximately 3000 LF of 8-inch PVC water main, approximately 770 LF of 8-inch PVC sanitary sewer main, and associated appurtenances, and is located in W1/2, Sec. 4, T15N, R73W, in Albany County. You are authorized to construct, install or modify the facility in accordance with the general permits and the materials submitted in your application package. All construction, installation, or modification authorized under this Notification of Coverage shall be completed by December 31, 2015. Your attention is directed to the mandatory reporting requirements outlined in Part V. Section O. of the general permits. The general permits are available for download at [http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp).

If you have any questions, please contact me at 307-473-3471 or [kevin.frank@wyo.gov](mailto:kevin.frank@wyo.gov).

Sincerely,

*Kevin J. Frank*

Kevin J. Frank  
Project Engineer  
Water Quality Division

cc: IPS, Cheyenne  
Kelly Hafner, BenchMark Engineers, 1920 Thomes Ave., Suite 620, Cheyenne, WY 82001  
Cal Van Zee, City of Laramie, P.O. Box C, Laramie WY 82073

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Cheyenne  
122 West 25<sup>th</sup> Street 82002  
(307) 777-7937

Lander  
510 Meadowview Drive 82520  
(307) 332-3144

Sheridan  
2100 W. 5<sup>th</sup> Street 82801  
(307) 673-9337



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 13-342

HARTVILLE WATER STORAGE TANK REHABILITATION  
PWS WY5600186

This permit hereby authorizes the applicant:

Town of Hartville  
136 W. Main Street, P.O. Box A  
Hartville, WY 82215

to construct, install or modify two welded water storage tanks (40,000 and 60,000 gallons) by interior painting according to the procedures and conditions of the application number 13-342. The facility is located in SE 1/4 of Section 1, T27N R66W; Platte County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed August 29, 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.

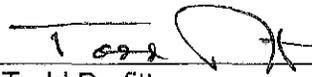
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 8-30-13

SWT/rm/13-0821

## STATEMENT OF BASIS

1. Permit Number: **13-342**
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 August 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

August 28, 2013

William Malloy, Mayor  
Town of Thermopolis  
P.O. Box 603  
Thermopolis, WY 82443

RE: Thermopolis - North 7<sup>th</sup> Street Treated Water Main Replacement  
DEQ Permit #13-343  
Located in Hot Springs County, E ½, S 36, T 43N, R 95W; Lat. 43.65, Long. -108.21

Dear Mr. Malloy,

This project consists of the replacement of approximately 4,750 linear feet of Ductile Iron and Asbestos Cement pipe with PVC pipe.

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 **December 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](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  
F. Anthony Barnett, P.E., Engineering Associates, 429 Broadway, Thermopolis, WY 82443

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

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

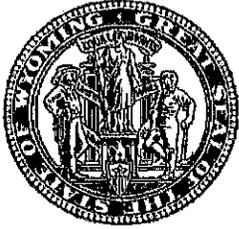
AIR QUALITY  
(307) 332-6755  
FAX 332-7726

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

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

August 13, 2013

Kevin Ringdahl  
L & K Construction, LLC  
P.O. Box 1449  
Green River, WY 82935

RE: Boars Tusk Subdivision Lot 4 - Small Wastewater Treatment System - Permit Number 13-347, SW ¼, Section 29, T20N, R105W, Sweetwater County

Dear Mr. Ringdahl:

The above application for coverage under General Permit to Construct a Small Wastewater Treatment Facility consisting of a 1000 gallon septic tank, 48 Quick 4 Infiltrators to serve a three bedroom home in accordance with Chapter 3, Section 7 and Chapter 25 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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

Sincerely,

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

xc: IPS, Cheyenne  
Randy J. Hansen, P.E., JFC Engineers & Surveyors, 1515 9<sup>th</sup> St., Suite A, Rock Springs, WY 82901

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





# Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

## NOTIFICATION OF COVERAGE

November 5, 2013

Carbon County School District #2  
Attn: Robert Gates, Superintendent  
315 North 1<sup>st</sup> Street (P.O. Box 1530)  
Saratoga, Wyoming 82331

RE: Hanna Elementary School,  
Application No. 13-348, Carbon County

Dear Mr. Gates:

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 430 lineal feet of 8-inch water main and **Existing Sewage Collection Systems** consisting of installing approximately 140 lineal feet of 6-inch sanitary sewer main located in the Southeast ¼, Section 18, T22N, R81W, 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, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by November 5, 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](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

Please reference Application No. 13-348 in any future correspondence.

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

Sincerely,

Seth Tourney, P.E.  
Southeast District Engineer  
Water Quality Division  
SWT/rm/13-1064

Enclosures: Certificate of Completion form  
cc: IPS

Brian Fortin, WLC Engineering, P.O. Box 1104, Rawlins, Wyoming 82301

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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## REVIEW OF PLANS AND SPECIFICATIONS

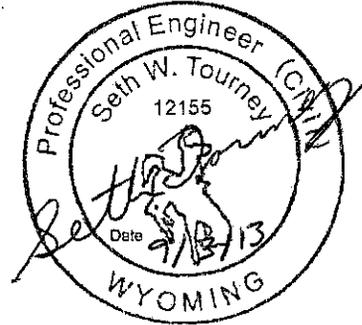
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION  
122 West 25<sup>th</sup> Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Hanna Elementary School

ENGINEER: Edward Rajnovich (WLC Engineering)  
P.O. Box 1104  
Rawlins, WY 82301

APPLICANT: Robert Gates (Carbon County School District #2)  
P.O. Box 1530 – 315 N. 1<sup>st</sup> Street  
Saratoga, WY 82331

WATER QUALITY DIVISION REFERENCE NUMBER: 13-348  
REVIEWING ENGINEER: Seth W. Tourney  
DATE OF REVIEW: September 3, 2013



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

### COMMENTS, INADEQUACIES, AND QUESTIONS

#### General

1. Please provide a letter from the Town of Hanna stating that they have the capacity to provide water and wastewater service to this building.

#### Wastewater

2. In Chapter 11 Section 9 (c), a sewage collection line is any conduit that carries wastewater that originates from two or more separate buildings or from a single building that generates more than 2,000 gpd. Since this facility generates 3,325 gpd, the sanitary sewer line does not follow under the sewer service regulations rather it is considered a sanitary sewer main.
  - a. Please provide manholes at all changes in alignment for this design.
  - b. Please be advised that the 4-inch sanitary sewer may qualify as a sewer service if this provides less than 2,000 gpd. Please provide proper slopes and cleanouts in accordance with Chapter 11 Section 9 (c)(iii) of the Water Quality Rules and Regulations.

**Water**

3. The design report indicates that the outside fire protection hose requirement will be 100 GPM. This value appears to be a low for this building footprint. Please provide your calculations for the needed fire flow (NFF).
  - a. The 250 GPM appears to be the sprinkler requirement for the building. However, the design report failed to demonstrate that the number of fire hydrants, adequate pressures, and adequate flows are available around the building. Please provide these calculations. For Guidance, you may use the methods outlined in the AWWA M31 manual.
4. Hydraulic Model:
  - a. The correspondence provided in Appendix A indicates that the model is theoretical as no flow tests for volume or residual pressure were done. Please provide fire flow tests to ensure the calibration of the water model.
  - b. Please provide the printouts of the water model showing the proposed water main on the project.
  - c. The 6-inch water main exceeds the 250 feet requirement in Chapter 12 Section 14 (b)(ii) of the Water Quality Rules and Regulations. Please request a variance and use the water model to support a proper design.

**END OF REVIEW**

SWT/rm/13-0834



# 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

October 3, 2013

Kenny Collins  
264 Ferguson Road  
Wheatland, WY 82201

RE: Collins Leachfield,  
Application No. 13-349, Platte County

Dear Mr. Collins:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility** consisting of an existing 1500 gallon, two compartment, septic tank discharging into approximately 120 feet of a chamber trench leachfield divided into four equal length trenches of at least 30 feet each, encompassing 818 square feet. Chamber system is a Biodiffuser® brand. This is for a three bedroom house, located in the SWNW of Section 2, T23N, R68W, Platte County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by October 3, 2015.

The following project specific conditions also apply:

1. Minimum Leachfield Size Requirement - Utilize the design that you submitted, as follows: the minimum leachfield size shall be a minimum of 20 Biodiffuser® units divided into four equal length rows of approximately 30 feet long each. Please note, this is a minimum requirement, not a maximum requirement. Requested update information is included with the information packet.
2. Isolation Distances: Adhere to all isolation distances as per Chapter 25, Section 4, Table 2.

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

Please reference Application No. **13-349** in any future correspondence.

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

Sincerely,



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

RP/rm/13-0964

Enclosures: Certificate of Completion Form

cc: IPS, Cheyenne

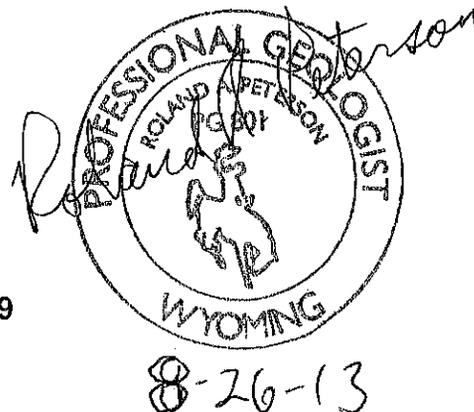
**REVIEW OF PLANS AND SPECIFICATIONS**  
**WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER**  
**QUALITY DIVISION**

122 West 25<sup>th</sup> Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Collins Leachfield  
APPLICANT: Kenny Collins  
264 Ferguson Rd  
Wheatland, WY 82201

WATER QUALITY DIVISION REFERENCE NUMBER: **13-349**  
REVIEWING GEOLOGIST: Roland A. Peterson

DATE OF REVIEW: August 26, 2013



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

**COMMENTS, INADEQUACIES, AND QUESTIONS**

1. Percolation Test Data: Please complete tables on page 9.
2. Complete page 10, including information on impermeable layer and seasonal high groundwater.
3. Site Diagram: Please provide isolation distances for potable water pipes, access roads, and stream or surface body of water from 1) septic tanks and from 2) leachfield as per Chapter 25, Section 4, Table 2. In addition, please include isolation distances of septic tanks and absorption fields from wells on adjacent properties. Please use checklist on page 12 of application.
4. Please clarify location of existing leachfield and replacement leachfield, or if location for both is the same.

Reviewed by Roland Peterson, Phone 307-777-7090, email [roland.peterson@wyo.gov](mailto:roland.peterson@wyo.gov).

**END OF REVIEW**

RP/rm/13-0810



# 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

August 16, 2013

Steve Parmley  
P.O. Box 803  
Wheatland, WY 82201

RE: Parmley Septic System  
Application No. 13-350, Platte County

Dear Mr. Parmley:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a Small Wastewater Facility consisting of a 1000 gallon, two compartment, polyethylene septic tank discharging into about 53 feet of chamber type trench leachfield divided into two equal length trenches lines of about 26.5 feet each for a one bed room permanent structure, located in the **NE<sup>1</sup>/<sub>4</sub>SE<sup>1</sup>/<sub>4</sub>, Section 13, T24N, R68W, Platte County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 25** of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by August 16, 2015.

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

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp)

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Please reference Application No. **13-350** in any future correspondence.

If you have any questions, please contact me at either Frank A Strong IV, P.E. or by phone at (307) 777-6371.

Respectfully

*Frank A Strong IV*

Frank A Strong IV, P.E.  
SRF, Regulation and Enforcement  
Principal Engineer  
Wyoming DEQ - Water Quality Division  
122 W. 25<sup>th</sup> Street  
Herschler Building 4W  
Cheyenne, WY 82002

FAS/rm/13-0771

Enclosures: Certificate of Completion

cc: IPS, Cheyenne  
Platte County Planning Office, Reed Elmquist, PO. Box 728, Wheatland, WY 82201

## REVIEW OF PLANS AND SPECIFICATIONS

### WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION

122 West 25<sup>th</sup> Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Parmley Septic System

CONTRACTOR: T.C. Edwards  
PO BOX 5  
Wheatland, WY 82201

APPLICANT: Steve Parmley  
PO BOX 803  
Wheatland, WY 82201  
307-331-0893



WATER QUALITY DIVISION REFERENCE NUMBER: 13-350  
REVIEWING ENGINEER: Frank A Strong IV  
DATE OF REVIEW: August 16, 2013

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

#### COMMENTS, INADEQUACIES, AND QUESTIONS

1. On the system design and configuration sheet, both a permanent structure with 1 bedroom and a mobile home with 1 or 2 bedrooms was check. Which one is correct? Please revise and resubmit.
2. On the system design and configuration sheet Box 2, 0.75 should have been transferred from the table for the loading rate. Please revise your calculations for box 3 and resubmit.
3. On the components sheet in the septic tank section, NO was check for both a 4 bedroom house or smaller and homes greater than 4 bedrooms. Based on the information provided in the application it appears the yes box for 4 bedrooms (or smaller) house should be checked. Is this correct? Please revise and resubmit.
4. On the components sheet in the piping section, both distribution box and flow divider tees are checked yes. Which will be used on this project? Please revise and resubmit

PROJECT: Parmley Septic System  
DATE OF REVIEW: August 16, 2013

5. On the Part C sheet, the minimum infiltration area (Box 12) needs to be revised to match the correct calculation per comment no. 2 above. Please revise and resubmit

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6. On the Part C sheet, the minimum number of units needs be recalculated base on the revised value in Box 12. Please revise and resubmit
7. Sheet C2 needs to be revised to reflect the recalculated minimum number of units needed.

**END OF REVIEW**

FAS/rm/13-0767