



The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

June 18, 2009

Christopher C. Knodel  
City of Sheridan  
P.O. Box 848  
Sheridan, WY 82801

RE: South Side Sewer Rehabilitation Project 2009, WDEQ #09-301,  
City of Sheridan, WY

Dear Mr. Knodel:

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

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

Sincerely,

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

Enclosures: General Permit, Certificate of Completion

cc: Monte Albert, P.E., EnTech, Inc. Professional Engineers, 1949 Sugarland Drive, Suite 205, Sheridan, WY 82801  
~~Chris Knodel, City of Sheridan, P.O. Box 848, Sheridan, WY 82801~~  
WDEQ File  
IPS

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

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

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





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of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

### NOTIFICATION OF COVERAGE

June 8, 2009

Mike Cole, P.E.  
City of Sheridan  
P.O. Box 848  
Sheridan, WY 82801

RE: Hillpond Sewer Extension, City of Sheridan, Wyoming, WDEQ #09-302

Dear Mr. Cole:

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

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

Sincerely,

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

Enclosures: General Permit, Certificate of Completion

cc: Dayton Alsaker, P.E., DOWL HKM Engineering, P.O. Box 7010, Sheridan, WY 82801  
WDEQ File  
EIPS





The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

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### NOTIFICATION OF COVERAGE

June 18, 2009

Shawn O'Dell  
O'Dell Construction  
806 Avoca Avenue  
Sheridan, WY 82801

RE: O'Dell Court/Lots 8 & 9 Water Main Extension, WDEQ #09-303, Sheridan County, WY

Dear Mr. O'Dell:

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

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

Sincerely,

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

Enclosures: General Permit, Certificate of Completion

cc: Jim S. Willey, P.E., JSW Inc., 13 Buffalo-Run Drive, Banner, WY 82832  
Chris Knodel, City of Sheridan, P.O. Box 848, Sheridan, WY 82801  
WDEQ File  
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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.

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 25, 2009

Linda Cope  
City of Laramie  
P.O. Box C  
Laramie, WY 82073

RE: Coughlin Pole Mtn. 4<sup>th</sup> Addition, Lots 1-11, Lot 1- Block 5; Lot1 – Block 6; Water & Sanitary Sewer, Application No. **09-304**, Albany County

Dear Linda Cope:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installation of approximately 500 ft of 8 inch sanitary sewer, install three new manholes, install one new fire hydrant, and installation of approximately 400 ft of 10 inch water line, E ½ NW ¼ Section 27, T16N R 73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by June 25, 2011.

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. **09-304** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0554

Enclosure: Certificate of Completion

cc: IPS, Cheyenne  
Ted Gertsch, Gertsch / Baker & Assoc, 104 S. 4<sup>th</sup> St. Suite 100, Laramie, WY 82070  
J D Romsa, 2920 Cottonwood Drive, Laramie, WY 82070

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

August 7, 2009

Rolf Belden, Managing Partner  
Valley View Subdivision  
P.O. Box 8137  
Jackson, WY 83002

RE: Lot 17 Waterline Extension Project, Permit Number: 09-306, latitude 43.4336 N, Longitude 110.7751 West, Teton County

Dear Mr. Belden:

The Department of Environmental Quality received Valley View Mutual Water Company intent to serve letter. This project involves the installation of approximately 132 linear feet of 4-inch water line for domestic and water suppression supply. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

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

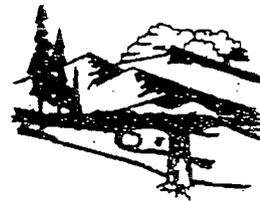
James Brough, P.E.  
Northwest District Engineer  
Water Quality Division

xc: David Dufault, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001  
Attn: Charles Rainier, Valley View Mutual Water Company, P.O. Box 12199, Jackson, WY 83002  
PDF to Cheyenne





# Department of Environmental Quality



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John Corra, Director

## NOTIFICATION OF COVERAGE

July 6, 2009

Lance Nilson  
P.O. Box 103  
Chugwater, Wyoming 82210

RE: Nilson Residential Septic System,  
Location: NE $\frac{1}{4}$  SE $\frac{1}{4}$ , Section 34, T21N, R67W,

Application No. **09-307**  
Platte County

Dear Mr. Nilson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is also directed to the reporting requirements\* contained in the attached "CERTIFICATION of COMPLETION" form (especially item #2 which requires the submission of several different photographs of the construction before it is covered). Additionally, the following project specific conditions also apply:

- A. Minimum Required Leachfield Size - the leachfield size needs to be larger than the proposed 26 EQ36 Infiltrator chamber units because of a calculation error. The percolation rate was miscalculated as 25 minutes per inch (mpi) while the test data indicates that the correct percolation rate is 40mpi. This miscalculation results in a minimum leachfield size calculation of 26 EQ36 *Infiltrator*<sup>TM</sup> chamber units, which is too small. Therefore, **the minimum leachfield size SHALL BE no less than 31 EQ36 units.**
- B. Leachfield Layout Requirements - the proposed leachfield (based on 26 EQ36 units), was to have two separate trenches of 13 EQ36 units each. This would result in trenches approximately 110 feet long, which is already too long for chamber units. Two trenches at 16 units long the trenches would increase to about 135 feet long. Therefore, **the leachfield layout SHALL BE changed to a four trench layout with four trenches of 8 EQ36 units each**, or about 68 foot long trenches. See the "Four Trench Chambered Leachfield" detail sheet included for specifics.

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ADMIN/OUTREACH  
(307) 777-7937  
FAX 777-3610

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

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

INDUSTRIAL SITING  
(307) 777-7369  
FAX 777-5973

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

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

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

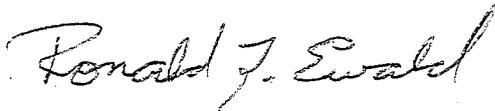


- C. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 6, 2011. Please reference Application Number **09-307** in any future correspondence.

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

Sincerely,



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

- \* to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
  - under Engineering & Technical Services scroll down to
  - General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp) , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/rm/9-0573

Enclosures: Certificate of Completion  
Required "Four Trench Chambered Leachfield" completed detail sheet

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



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 2, 2009

Steve Ricci  
P.O. Box 277  
Baggs, Wyoming 82321

RE: Ricci Residential Septic System,  
Location: SW¼, Section 9, T12N, R91W,

Application No. **09-308**  
Carbon County

Dear Mr. Ricci:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **4 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is also directed to the **reporting requirements\*** contained in the attached "CERTIFICATION of COMPLETION" form (especially item #2 which requires the submission of several different photographs of the construction before it is covered). Additionally, 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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 1, 2011. Please reference Application Number **09-308** in any future correspondence.

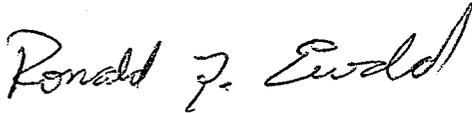
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ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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If you have any questions, please contact me at (307) 777-6183.

Sincerely,



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

- \* to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
- under Engineering & Technical Services scroll down to
- General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp) , and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/rm/9-0568

Enclosures: Certificate of Completion

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



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

July 8, 2009

Debby Dellai-Boese, Chairman  
Sweetwater County Board of Commissioners  
80 West Flaming Gorge Way  
Green River, WY 82935

Subject: Non-Adverse Recommendation, Garvin Subdivision, Sweetwater County,  
DEQ/WQD Application # 09-310

Dear Madam Chairman:

The Wyoming Department of Environmental Quality has completed the review of the proposed Gavin Subdivision located in the NW 1/4 NW 1/4 Section 33, T20N, R105W, 6<sup>th</sup> P.M., Sweetwater County, Wyoming. Generally described, the property is located along Yellowstone Road about 5 miles northwest of the City of Rock Springs, Wyoming. The Garvin Subdivision will create nine residential lots and one commercial lot out of 37.09 acres. The information was submitted by UESI/Rock Springs, signed by Robert Young, P.E., a Wyoming Licensed Engineer. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage systems are to be on-site conventional septic systems with leach fields. The information submitted addresses the safety and adequacy of the proposed sewage system.

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

The proposed water system is to be a central water supply system incorporated into the Ten Mile Water and Sewer District, (WY5601369) which procures water through the Rock Springs - Green River - Sweetwater County Joint Powers Water Board Pipeline. The information submitted addresses the safety and adequacy of the proposed water system.

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

It is the Individual lot owner's responsibility to contact the Sweetwater County Environmental Health Service (307-352-6709) at 550 Uinta Drive, Suite D, Green River, WY 82935 to obtain a Permit to Construct to authorize the construction of a septic system with leach field.

Page 1 of 2



Sweetwater County Board of Commissioners  
July 8, 2009

**Conclusions:**

The Department of Environmental Quality has "Non- Adverse" recommendations applicable to Sweetwater Business Park Subdivision.

**Disclaimer:**

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

Nothing in Department of Environmental Quality recommendations or comments regarding UESI/Rock Springs proposal, for Garvin Subdivision shall be construed to relieve either Terry or Ruth Garvin of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Sweetwater County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,



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

MDB/mdb

xc:

Robert Young, P.E., UESI/Rock Springs, 2638 Commercial Way,  
Rock Springs, WY 82901  
Terry and Ruth Garvin, 418 A Yellowstone Road, Rock Springs, WY 82901  
Mark Kot, Sweetwater County Planning & Zoning, 80 West Flaming Gorge Way, Green  
River, Wyoming 82935  
Mr. Mike Ebsen, Water Management Specialist, Wyoming State Engineers Office,  
Herschler Building, 4<sup>th</sup> Floor East, Cheyenne, WY 82002  
IPS & Lou Harmon, WDEQ/WQD, Cheyenne



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

August 7, 2009

Rolf Belden, Managing Partner  
CSRR, LLC.  
Valley View Subdivision  
P.O. Box 8137  
Jackson, WY 83002

RE: Lot 12 Waterline Extension Project, Permit Number: 09-311, latitude 43.4226 N, Longitude 110.7751 West, Teton County

Dear Mr. Belden:

The project involves the installation of approximately 290 linear feet of 8-inch water line, 30 linear feet of 6-inch, and 69 linear feet of 4-inch for domestic and water suppression supply. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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: David Dufault, P.E., Nelson Engineering, P.O. Box 1599, Jackson, WY 83001  
Attn: Charles Rainier, Valley View Mutual Water Company, P.O. Box 12199, Jackson, WY 83002  
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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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 19, 2009

Tim Wilson, Director  
Cheyenne Board of Public Utilities  
P.O. Box 1469  
Cheyenne WY 82003

RE: City of Cheyenne Finnerty No. 2 Well Granular Activated Carbon Treatment System Pilot Plant, Application No. **09-312**, Laramie County

Dear Mr. Wilson:

The above application for coverage under General Permit to Construct and Operate a Pilot Plant in accordance with Chapter 3, Section 7 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct and operate the pilot plant in accordance with Chapter 12, Section 5 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by June 19, 2011. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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. 09-312 in any future correspondence.

A change in pressure upstream of the bag filters will result in the filters being replaced because this can significantly shorten the usable life of the GAC. If there is an increase in pressure upstream of one of the absorbers, backwashing of the GAC will be required. At any point when the GAC system is not operating at normal conditions the permittee will be required to report to the DEQ all tests and procedures needed to bring the system back in to compliance. A draft operation and maintenance manual for the GAC system must be submitted at 50 percent completion of construction to the Southeast District Engineer of the Water Quality Division for approval. Approval of the final operation and maintenance manual is required prior to completion of construction. If you have any questions; please contact me at 307-777-7075.

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0524

cc: IPS, Cheyenne  
Jack Meena, States West, 1904 E. 15<sup>th</sup> Street, Cheyenne, WY 82001

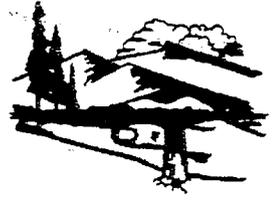
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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

December 22, 2009

Gabby Beale  
P.O. Box 341  
Vineburgh, CA 95487

RE: CERTIFICATION of COMPLETION and Pictures for Permit No. **09-313**: Received and  
**Permit Status – Complete & Satisfactory**

Dear Ms. Beale:

The completed Certification of Completion form along with the required confirmation pictures for Permit Number **09-313** was received and reviewed by the Wyoming Department of Environmental Quality / Water Quality Division. The pictures confirm that the septic tank was installed properly and that the leachfield trenches were constructed properly and in compliance with the conditions of the "Notification of Coverage" dated July 21, 2009. The permit status is complete and satisfactory.

If you, or anyone else, should have any further questions please contact me at either [rewald@wyo.gov](mailto:rewald@wyo.gov) or (307) 777-6183.

Sincerely,

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

RLE/rm/9-1126

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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 21, 2009

Gabby Beale  
P.O. Box 341  
Vineburgh, CA 95487

RE: Beale Residential Septic System,  
Location: SE¼, Section 31, T27N, R66W,

Application No. **09-313**  
Platte County

Dear Mr. Beale:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **4 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is also directed to the **reporting requirements\*** contained in the attached "CERTIFICATION of COMPLETION" form (especially item #2 which requires the submission of several photographs of different components of the leachfield construction before they are covered). Additionally, the following project specific conditions also apply:

- A. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from **each compartment of the septic tank** must be extended to the ground surface.
- B. Leachfield, Minimum Size Requirements - because of errors calculating the percolation(perc) rate, the calculated leachfield size came out too small. The correct perc rate (from the perc test data that was good) is 8.0 minutes per inch(mpi) instead of the 2.2mpi that was used, resulting in a "Loading Rate Factor" of 0.68 instead of the 0.80 factor that was used. This adjustment makes the correct minimum required leachfield area 882sf instead of the 750sf used. Therefore, a **minimum of 22 Infiltrator brand, EQ36 model chamber units shall be installed**, instead of the 18 units proposed.

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ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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- C. Leachfield Header Pipe Layout Requirements - the header pipe layout at the beginning of the leachfield shown on the site plan is improper. As shown the effluent from the septic tank will not divide equally into the two trenches. The **leachfield header pipes shall be constructed as shown on the bottom half of the enclosed "Leachfield Header Pipe" illustration.**

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 21, 2011. Please reference Application Number **09-313** in any future correspondence.

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

Sincerely,



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

- \* to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
- **Click on** the Water & Wastewater Program bullet, and then
  - under Engineering & Technical Services scroll down to
  - General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp), and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/ rm/9-0627

Enclosures: Certificate of Completion form  
Leachfield Header Pipe illustration

cc: IPS, Cheyenne  
Brian Bruin, Bruin Construction, 428 Grange Road, Wheatland, Wyoming 82201  
Marlin Johnson, Platte County Planner, P.O. Box 728, Wheatland, Wyoming 82201

**CERTIFICATION of COMPLETION** for

“ **NOTIFICATION of COVERAGE** ” under “ **GENERAL PERMIT** ” for  
Small Wastewater Facilities in Accordance with Chapter 3 and Part D, Chapter 11, WQR&R

In accordance with the condition of Application Num. 09-313, located in Platte  
County, requiring submittal of this Certification of Completion form within sixty(60) days of  
completion of the authorized facility(s), I hereby certify the following to be accurate and correct  
statements of the current status of the project authorized by the above referenced permit number:

1. Construction of the permitted facility(s) was completed on \_\_\_\_\_ (DATE),  
and the facility(s) was placed into operation on \_\_\_\_\_ (DATE).

2. **Pictures of different components** of the facility at various stages of construction  
**shall be submitted**, including but not limited to the following (**each box must be  
checked**):

- The septic tank in place with the top and inflow and outflow lines in view,
- The dosing tank if applicable,
- The distribution box (if applicable) and/or leachfield header piping layout,
- A cross-section view of a trench showing the total depth and vertical distribution of  
leachfield construction materials (such as the washed rock, perforated pipe or  
chambers, filter paper, straw, fill, top soil, etc.), and

Optional:

- Any other pertinent or important construction details. ( If Applicable )

3. Construction was completed in accordance with: (***this box MUST be checked***)

- The facility(s) was constructed in compliance with all terms and conditions of the  
permit including the design report, plans & specifications, design data, or other  
pertinent information submitted in support of the application.

\_\_\_\_\_  
**Facility Owner's Name** (print or type)

\_\_\_\_\_  
**Title** (Owner, President, Manager, etc.)

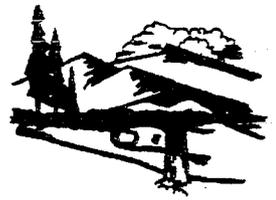
\_\_\_\_\_  
**Owner's Signature**

\_\_\_\_\_  
**Date**

Mail to: Ronald L. Ewald, Consulting Engineer, DEQ/Water Quality Division, Herschler  
Bldg. 4-W, 122 West 25th Street, Cheyenne, WY 82002 (307) 777-6183



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 9, 2009

Sam Vieyra, Mayor  
Town of Rock River  
P.O. Box 280  
Rock River, WY 82083

RE: Prager Street Sewer line Improvement Project  
Application No. **09-314**, Albany County

Dear Sam Vieyra:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installation of approximately 300 ft of 8 inch PVC sanitary sewer line and installation of a Wastewater Access Chamber, SW ¼ NW ¼ Section 32, T21N R76W; 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 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. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 9, 2011.

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. **09-314** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0587

Enclosure: Certificate of Completion  
cc: IPS, Cheyenne

Jim Cavalli, Aspen Banner Engineering, 1575 N. 4<sup>th</sup> St. Suite 105, Laramie, WY 82072

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

Permit No. 09-315

Reference No. 06-098

Recluse: 18-1

This permit hereby authorizes the applicant:

Patriot Energy Resources, LLC  
P. O. Box 7070  
Gillette, WY 82717

to assume ownership of one compliance monitoring well previously permitted as 06-098. The facility is proximal to the on channel coalbed methane produced water impoundment located in Township 56N, Range 73W, Section 18, in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

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

2 of 4 **Monitoring Requirements:**

Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundment shall continue on a quarterly basis until further notice and shall include the following information:

- Measurement of static water elevation in monitoring well: Recluse MW18-1;
- Sampling and analysis of groundwater at down-gradient well: Recluse MW18-1;
- The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

**Impoundment Recluse 18-1**

<b>Parameter</b>	<b>Recluse MW18-1 Background Value (mg/L) (12/21/04)</b>	<b>Class III Water Quality Standards (mg/L)</b>
Arsenic	0.03	0.2
Selenium	<0.005 (ND)	0.05
Sulfate	2360	3000
Total Dissolved Solids (TDS)	4230	5000

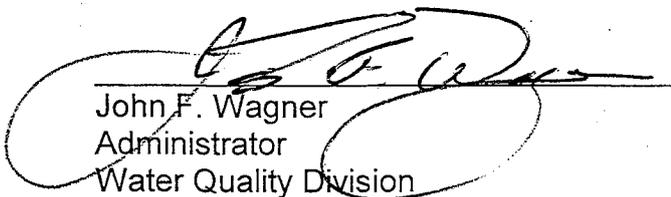
- Discharge occurred to this facility on May 19, 2006. Analytical results of quarterly monitoring and sampling shall be submitted to the department by January 15<sup>th</sup>, April 15<sup>th</sup>, July 15<sup>th</sup>, and October 15<sup>th</sup> of each year. The first set of data pursuant to this permit is due by July 15<sup>th</sup>, 2009;

- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.
- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: <http://deq.state.wy.us/wqd/groundwater/pollution.asp>. These data shall be submitted electronically by the due dates established above to the following department address: DEQ-CBMGroundwater@WYO.GOV. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

3 of 4 Any exceedence of the water quality standards listed above will be considered a violation of this permit. If an exceedence of groundwater standards occurs as a result of the operation of the impoundment, the WDEQ may require a more frequent monitoring schedule, further investigation of the groundwater impacts, remediation of the groundwater impacts, and cessation of discharge into the impoundment.

4 of 4 The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: DEQ-CBMGroundwater@wyo.gov. In addition, the accompanying analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail to the WDEQ, Sheridan office at the address listed above.

AUTHORIZED BY:

  
 John F. Wagner  
 Administrator  
 Water Quality Division

  
 John V. Corra  
 Director  
 Department of Environmental Quality

\_\_\_\_\_  
 Date of Issuance

WDF/bb/9-0522

PERMIT TRANSFER REQUEST

Date: 4/14/09

Mr. Don Fischer, Geologic Supervisor  
Groundwater Section, North District  
Water Quality Division  
Department of Environmental Quality  
1866 S. Sheridan Ave.  
Sheridan, Wyoming 82801



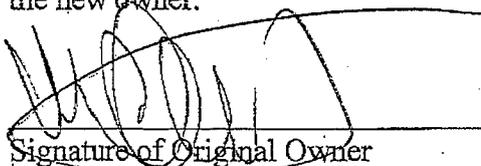
To Whom It May Concern:

KENNEDY OIL intends to transfer ownership of the facility  
(Original Owner)  
associated with Permit Number 06-098 to LUCA TECHNOLOGIES to  
(New Owner)  
on 6/1/08. It is requested that the said permit be transferred to the new owner in  
(Date)

accordance with Section 12 of Chapter 3, Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

The original owner shall retain responsibility for the facility according to the terms of the original permit until the application for permit transfer is approved by the Administrator.

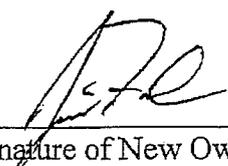
Please transfer the permit to the transferee's name and issue a modified permit reflecting the transfer of ownership. Terms and conditions of the original permit are transferred to and become the responsibility of the new owner.

  
Signature of Original Owner

Name KENNEDY OIL

Address 700 W. 6<sup>th</sup> St  
Gillette, WY 82716

Telephone 307-682-1629

  
Signature of New Owner

Name PATRIOT ENERGY RESOURCES, LLC

Address P.O. Box 7070  
GILLETTE, WY 82717

Telephone 307/686/9488

\*\*\*\*\*



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 26, 2009

Tam L. Hedges  
120 Pine Creek Road  
Aladdin, WY 82710

RE: Hedges Small Residential Wastewater System, Crook County, Permit # **09-316**  
Location: NW ¼, Section 26, T55N, R62N

Dear Tam:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307.283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0557

cc: IPS, Cheyenne  
WYDEQ Casper File  
Tim Young, Crook County Growth and Development, P.O. Box 848, Sundance, WY 82729

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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

November 4, 2009

Robert and Shelley Williamson  
PO Box 628  
Newcastle, WY 82701

RE: Williamson Small Residential Wastewater System, Weston County  
Location: First Addition to Painted Hills Country Estates, Lot 15; Permit # 09-317

Dear Mr. and Mrs. Williamson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

**Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** Please contact me with questions at (307) 777-6941.

Sincerely,

Suzanne Engels  
WDEQ/WQD

SE/rm/9-1001

cc: IPS, Cheyenne  
WYDEQ Casper File

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ADMIN/OUTREACH  
(307) 777-7937  
FAX 777-3610

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

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

INDUSTRIAL SITING  
(307) 777-7369  
FAX 777-5973

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

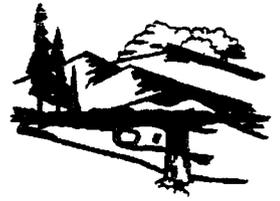
SOLID & HAZ. WASTE  
(307) 777-7752  
FAX 777-5973

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





# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 8, 2009

Mary Ann Robinson  
P.O. Box 714  
Moorcroft, WY 82721

RE: Linneman Small Residential Wastewater System, Crook County, Permit # 09-318  
Location: NW ¼ SW ¼, Section 5, T59N, R67N

Dear Mrs. Robinson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307.283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0582

cc: IPS, Cheyenne  
WYDEQ Casper File  
Tim Lyons, Crook County Growth and Development, P.O. Box 848, Sundance, WY 82729  
Thayne Gray, P.E. P.O. Box 729, Moorcroft, WY 82721

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-319

REFERENCE PERMIT NO. n/a

The Barn – Mike Morrison Ministries Water Treatment System

This permit hereby authorizes the applicant:

The Barn – Mike Morrison Ministries  
2010 West 4-J Road  
Gillette, WY 82718

to construct, install or modify The Barn – Mike Morrison Ministries Water Treatment System, according to the procedures and conditions of the application number 09-319. The facility is located in the County of Campbell, NW ¼, Section 24, Township 50 North, Range 73 West. The facility is further located at 2 McKenzie Road, Gillette, WY. All construction, installation, or modification allowed by this permit shall be completed **within two years of issuance**.

The issuance of this permit confirms that the Department of Environmental Quality (DEQ) has evaluated the application submitted by the permittee and determined that it meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator. Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility meets applicable operational requirements. Compliance with applicable standards remains the responsibility of the permittee.

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

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

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

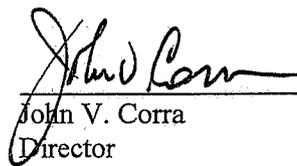
The permittee shall construct and shall operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or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

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

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

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

7/29/09  
Date of Issuance

KLF/rm/9-0653

cc: E. Duane Stetson, P.E., Stetson Engineering, P.O. Box 457, Gillette, WY 82717  
Phillip Giffin, Campbell County Department of Public Works, 500 S. Gillette Ave., Suite 1400,  
Gillette, WY 82716

## STATEMENT OF BASIS

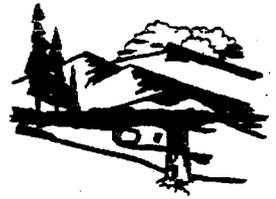
1. Permit Number: 09-319
2. Application reviewed for compliance with the following applicable regulations :  
Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?  
YES
4. Facilities include components 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 July 28, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 6, 2009

George Meisner  
235 Clark Road  
Sundance, WY 82729

RE: Meisner Small Residential Wastewater System, Crook County, Permit # 09-320  
Location: NE SW ¼, Section 2, T50N, R62W

Dear Mr. Meisner:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307.283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0574

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

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

June 12, 2009

Mr. and Mrs. Meisner  
235 Clark Road  
Sundance, WY 82729

**Re: Letter of Violation (LOV): Unpermitted Wastewater System, 235 Clark Rd, Sundance, WY  
Review of Plans and Specifications, Septic System Permit #09-320**

Dear Mr. and Mrs. Meisner:

The Wyoming Department of Environmental Quality/Water Quality Division (DEQ/WQD) received your percolation test results and small wastewater system design information on June 3, 2009. Based on the percolation test that was completed on May 30, 2009 the percolation rate in the area of your leachfield is 10 minutes per inch.

Based on the percolation rate, the design wastewater volume, and the trench design, the minimum required infiltrative surface area is 100 linear feet. However, you only installed 50 linear feet in a single trench pipe leachfield. Your septic system is currently undersized. An additional 50 linear feet of trench length must be installed if the same trench dimensions are used. Please submit the two trench leachfield detail sheet that shows the design of the new leachfield so that your SWWS will meet the minimum design requirements by June 30, 2009. This leachfield detail sheet is enclosed for your convenience. Please note, that each trench in the leachfield should be 100 feet or less to provide adequate drainage.

Once the leachfield detail sheet is received, it will be reviewed for completeness for a permit. We would like to emphasize that this process will also assist you in being assured that the system that you have in place is adequate for the demands of your household. Further, if you intend to sell your property in the future, a permit for the system will be beneficial for this ownership transfer, as some lending institutions require this documentation.

If you have any questions about how to comply with these provisions, please call me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0502

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

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-321R

Grant Lift Station Rehabilitation Project

This permit hereby authorizes the applicant:

Nancy Ward, Supervising Engineer  
Yellowstone National Park  
P.O. Box 168  
Mammoth, WY 82190

to construct a new lift station, install submersible pumps and construct a pump house to shelter the isolation valves, check valves, lighting panel and pump control panel; according to the procedures and conditions of the application number 09-321R. The lift station pumps will be equipped with 15-hp motors and will have a design capacity of about 425 gallons per minute (gpm). The facility is at Latitude 44 degrees 23' 37.23" North and Longitude 110 degrees 33' 17.04" West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2012.

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

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

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

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

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

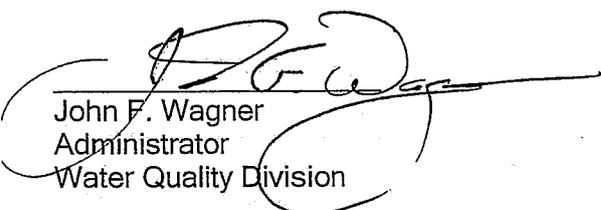
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

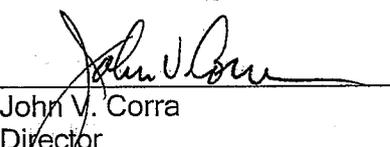
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

1/6/10  
Date of Issuance

JSB/rm/10-0010

## STATEMENT OF BASIS

1. Permit Number: 09-321R
2. Application reviewed for compliance with the following regulations:  
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.  
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
Sewerage systems are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, [jbroug@state.wy.us](mailto:jbroug@state.wy.us), Northwest District Engineer and completed on December 2, 2009. 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: Sherri D. Jones, P.E., Tetra Tech., Inc., 1576 Sherman St #100, Denver, CO 80203



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 26, 2009

Vern R. M<sup>c</sup>Adams  
P.O. Box 509  
Pinedale, WY 82641

RE: Pinedale Elementary School, Town of Pinedale, Sublette County , 09-322R

Dear Mr. M<sup>c</sup>Adams:

The above application for coverage under General Permits to Construct, an extension to a sewage collection system consisting of 130 linear feet of 8 inch DI pipe and a water distribution main extension of 1110 linear feet of 10- inch DI pipe, and appurtenances to provide service for an elementary school with kitchen in Pinedale to be constructed in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. 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,

Perry Roberson  
Consulting Engineer  
Water Quality Division

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

PDF: Cheyenne  
Brian Gray P.E., WLC Engineering, Surveying and Planning, PO Box 1519, Pinedale, WY 82941



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-323R

Madison Wastewater Treatment Plant Rehabilitation

This permit hereby authorizes the applicant:

Nancy Ward, Supervising Engineer  
Yellowstone National Park  
P.O. Box 168  
Mammoth, WY 82190

to construct a new activated sludge wastewater treatment plant to replace the existing trickling filter plant; according to the procedures and conditions of the application number 09-323R. The new wastewater treatment plant has a design capacity of 80,000 gallons per day. The facility is located near the intersection of Grand Loop Road and West Entrance Road in Yellowstone National Park at Latitude 44 degrees 38' 48" North and Longitude 110 degrees 52' 20" West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2012.

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

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

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

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

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

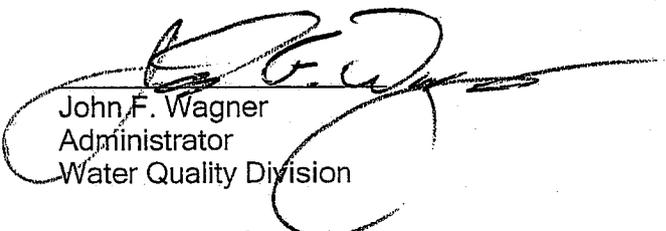
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

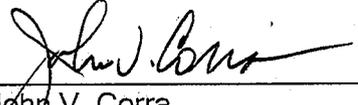
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

10/15/09  
Date of Issuance

JSB/rm/9-0907

## STATEMENT OF BASIS

1. Permit Number: 09-323R
2. Application reviewed for compliance with the following regulations:  
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.  
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
Existing groundwater monitoring wells are already in place.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, [jbroug@state.wy.us](mailto:jbroug@state.wy.us), Northwest District Engineer and completed on October 13, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

Xc: Sherri D. Jones, P.E., Tetra Tech., Inc., 1576 Sherman St #100, Denver, CO 80203



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 9, 2009

Sam Vieyra, Mayor  
Town of Rock River  
P.O. Box 280  
Rock River, WY 82083

RE: Sewer line Improvement Project, Base Alley sewer line and Alternate Alley sewer line  
Application No. **09-324**, Albany County

Dear Sam Vieyra:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as replacement of approximately 2000 ft of 8 inch PVC sanitary sewer line and installation of six Wastewater Access Chambers, NE ¼ NW ¼ Section 6, T20N R76W; 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 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. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 9, 2011.

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. **09-324** in any future correspondence.

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

Sincerely,

  
Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0589

Enclosure: Certificate of Completion

cc: IPS, Cheyenne  
Jim Cavalli, Aspen Banner Engineering, 1575 N. 4<sup>th</sup> St. Suite 105, Laramie, WY 82072

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-325

East Lift Station Rehabilitation  
PWS WY5600054

This permit hereby authorizes the applicant:

Town of Sinclair  
P.O. Box 247  
Sinclair, WY 82334

to construct, install or modify a pump package lift station in wet well and extend the force main into wet well and increase size of pumps, generator and electrical service to accommodate the larger pumps according to the procedures and conditions of the application number 09-325. The facility is located in SE ¼ NW ¼ Section 21 T21N R86W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed July 13, 2011.

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

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

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

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

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

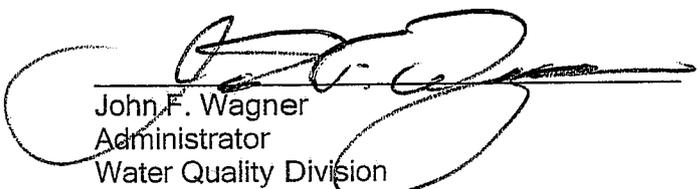
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

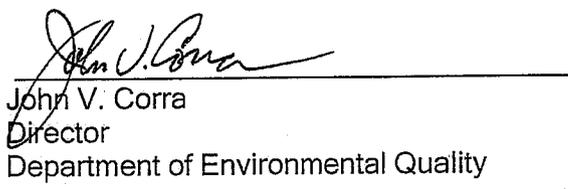
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7075, 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.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
  
- 3 A draft operation and maintenance manual for the wastewater system must be submitted at 50 percent completion of construction to the Southeast District Engineer of the Water Quality Division for approval. Approval of the final operation and maintenance manual is required prior to completion of construction.
  
- 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
John F. Wagner  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
John V. Corra  
Director  
Department of Environmental Quality

Date of Issuance 7/15/09

RRC/rm/9-0595

## STATEMENT OF BASIS

1. Permit Number:       **09-325**
2. This application was reviewed for compliance with the applicable regulations ;  
  
      Chapters 3, 11
3. Does the permit comply with all applicable regulations identified above?  
  
      Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

Sewerage systems are exempted from review by Chapter 3, Section 17.

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

## 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 Richard Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on July 13, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 30, 2009

Town of Encampment  
Attn: Greg Salisbury, Mayor  
P.O. Box 5  
Encampment, Wyoming 82327

RE: Town of Encampment 2009 Water and Sewer Improvements, App. No. **09-326**  
Location: Parts of Sections 1, 2, 11 and 12, T14N, R84W, Carbon County  
Various public streets, alleys, and other Town of Encampment properties.

Dear Mayor Salisbury:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, 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 permits. Additionally, the following project specific conditions also apply:

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
  - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
  - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

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ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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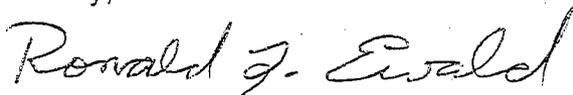
c. Water mains greater than 12 inches in diameter shall be 100% remote video inspected after completion before first charging with water. If objects greater than 2" in diameter are found, they shall be mechanically removed before water is introduced. If flushing velocities greater than 5 feet per second cannot be achieved, the lines shall be 100% remote video inspected after flushing. Any remaining debris must be removed before the line can be disinfected or placed into service.

2. As-Constructed Plans Shall be Submitted - As-constructed plans shall be submitted to the Water Quality Division within 60 days of completion of the project.

The approval granted under this Notification Of Coverage and the General Permits shall expire on June 30, 2011. Please reference Application Number 09-326 in any future correspondence.

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

Sincerely,



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

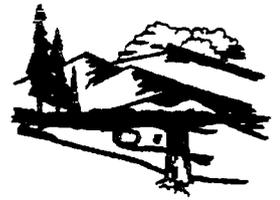
RLE/rm/9-0564

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

cc: IPS, Cheyenne  
Brian Mark, WQD, Cheyenne  
Wade Verplancke, Wyoming Water Development Commission, 6920 Yellowtail  
Road, Cheyenne, Wyoming 82002  
Ken Schwerdt, PMPC Civil Engineers, P.O. Box 370, Saratoga, Wyoming 82331  
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West  
Buffalo Street, Suite 336, Rawlins, Wyoming 82301



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 13, 2009

Town of Saratoga  
Chuck Bartlett, Town Engineer  
P.O. Box 486  
Saratoga, WY 82334

RE: Town of Saratoga, East Side Water and Sewer Replacement Project  
Application No. **09-327**, Carbon County

Dear Mr. Bartlett:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as replacement of approximately 1340 ft of 10 inch PVC sanitary sewer main, replacement of approximately 2975 ft of 8 inch PVC sanitary sewer main, installing of 16 new manholes, replacement of approximately 1001 ft 12 " PVC water main, replacement of approximately 2979 ft 6 " PVC water main, replacement of approximately 7 fire hydrants, installation of one new fire hydrant, SE ¼ Section 11, and SW ¼ Section 12, T12N R 84W; 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. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 13, 2011.

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. **09-327** in any future correspondence.

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

Sincerely,

*Richard R. Cripe*  
Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0600

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

Seth Tourney, PMPC, P.O. Box 370, Saratoga, WY 82331

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ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-328

REFERENCE PERMIT NO. 82-422, 07-514

DOUGLAS WWTF - PHASE I IMPROVEMENTS

This permit hereby authorizes the applicant:

CITY OF DOUGLAS  
P.O. Box 1030  
DOUGLAS, WY 82633-2140

to construct, install or modify a new grit /screen chamber, a new anaerobic pretreatment cell, replacement of aeration equipment in Cell No. 1, and installation of a baffle curtain in Cell No. 3, and a new modular floating lagoon cover according to the procedures and conditions of the application number 09-328. The facility is located in SE1/4 Section 17 T32N R71W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed July 17, 2012.

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

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

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

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

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

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

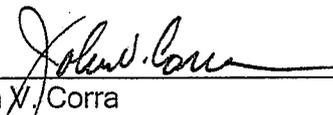
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-5973, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 A draft operation and maintenance manual for the wastewater system must be submitted at 50 percent completion of construction to the Southeast District Engineer of the Water Quality Division for approval. Approval of the final operation and maintenance manual is required prior to completion of construction.
- 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
John F. Wagner  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
John V. Corra  
Director  
Department of Environmental Quality

Date of Issuance

7/22/09

RRC/rm/9-0615

## STATEMENT OF BASIS

1. Permit Number: **09-328**
2. This application was reviewed for compliance with the applicable regulations ;  
Chapters 3, 11
3. Does the permit comply with all applicable regulations identified above?  
No
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
  - a. The permit includes approval to deviate from the following regulatory requirements:  
Chapter 11, Section 28, Biological Treatment Ponds and Section 18, Lagoons are applicable to the Lagoon. Neither section discusses lagoon covers. Consequently Section 5 is used as a basis of review for the lagoon covers.
  - b. Briefly state the basis for the deviation.  
This approval is based on the detailed Technical Memorandum, plans and specifications included in this application. The report qualifies as a full scale test as allowed by Section 5(a)(i).
  - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.  
  
This activity does not have any potential to affect groundwater.
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.  
  
The basis for determining groundwater will be protected is that the facility will not allow a discharge to groundwater.
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 Richard Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on July 17, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

October 20, 2009

Old Baldy Corp.  
Attn: Roger M. Prenzlou, Manager  
P.O. Box 707  
Saratoga, Wyoming 82331

RE: Old Baldy Club, 7<sup>th</sup> Addition – Water Line Renewal, Application No. **09-329**  
Location: SE¼, Section 18, T17N, R83W, Carbon County

Dear Mr. Prenzlou:

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

1. Additions to Wyoming Public Works Standard Specifications for Waterline Construction:
  - a. Section 2665 E.6 - Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
  - b. Section 2675 D - Flushing shall achieve minimum velocities of at least 5 feet per second for pipelines 12 inches in diameter or less. Flushing shall be through flush valves and a discharge pipe to the surface. Fire hydrants shall not be flushed until after the water main or distribution line is flushed.

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The approval granted under this Notification Of Coverage and the General Permit shall expire on October 20, 2011. Please reference Application Number 09-329 in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Ronald L. Ewald".

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

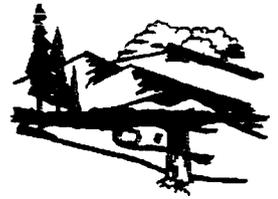
RLE/rm/9-0928

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

cc: IPS, Cheyenne  
Gary Steele, PMPC, Box 370, Saratoga, Wyoming 82331



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 16, 2009

South Cheyenne Water and Sewer District  
215 E. Allison Road  
Cheyenne, WY 82007

RE: Gateway South Off-Site Drainage Improvements-09-330, Laramie County

Dear Ms. Hansen:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as lowering a water line as required and replacing a segment of a sewer line, SW ¼ Section 7 T13N R66W Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2012.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. **09-330** in any future correspondence.

Sincerely,

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

LBH/rm/9-0510

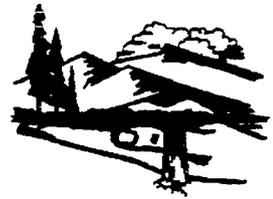
cc: IPS, Cheyenne

Gene McDonald, Ayres Associates, 214 W. Lincolnway, Cheyenne, WY 82001





# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

August 14, 2009

Platte County Commissioners  
P.O. Box 728  
Wheatland, Wyoming 82201

RE: Adverse Recommendation, Glendo Overlook Subdivision  
Platte County  
WDEQ/WQD Application # 09-331

Dear Commissioners:

The Wyoming Department of Environmental Quality has completed the review of the proposed Glendo Overlook Subdivision located in portions of Sections 18 and 19, T29N, R66W, 6<sup>th</sup> P.M. and Sections 12, 13, and 24 T29N R67W, 6<sup>th</sup> P.M. in Platte County, Wyoming. The Glendo Overlook Subdivision will create 52 lots out of approximately 1064 acres. The information was submitted by Dahlgren Consulting, Inc. signed by Russell Dahlgren, P.E., P.G. This letter represents the recommendations of the Wyoming Department of Environmental Quality as required by W.S. 18-5-306(c).

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

The proposed sewage system is the use of individual on-site septic tanks and leach fields permitted by and constructed to Wyoming Department of Environmental Quality Water Quality Rules and Regulations. The information submitted addresses the safety and adequacy of the proposed sewage system. A non-adverse recommendation is issued.

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

Adequate information has not been provided to determine the adequacy of the water supply. Therefore an adverse recommendation must be issued for the proposed water system. Before a non-adverse recommendation can be issued there must be one or more wells completed and tested within the limits of the subdivision. As a rule a test well must be established into each aquifer that is proposed as the primary source of water for one or more lots. The test well should be located on the lot where the most difficult conditions are estimated to occur based on available geological information.

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**Conclusions:**

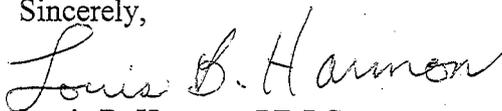
The Department of Environmental Quality has issued an "Adverse" recommendation applicable to the Glendo Overlook Subdivision.

**Disclaimer:**

The Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Glendo Overlook Subdivision. Any questions or concerns about the water rights for the Glendo Overlook Subdivision should be directed to the State Engineer's Office. The State Engineer's Office has issued a letter dated, 4 August 2009 signed by Mike Ebsen that is generally supportive..

Nothing in Department of Environmental Quality recommendations or comments regarding the Dahlgren proposal for the Glendo Overlook Subdivision shall be construed to relieve BWJ Ltd. of the obligation to obtain any permits or additional approval from any local, state or federal agencies as required by law, rules, regulations, or ordinances. Nothing in these recommendations commits the Department of Environmental Quality or Platte County to the issuance of required permits for construction, operation, or modification of water supply or sewage systems.

Sincerely,



Louis B. Harmon, PE-PG

Manager

Water and Wastewater Program, Wyoming Water Quality Division

LBH/rm/9-0716

cc: Justin Joyner, President BWJ Ltd., 6325 Jackrabbit Lane, Suite B, Belgrade MT 59714  
Dahlgren Consulting Inc., 914 East 23<sup>rd</sup> Street, Cheyenne, WY 82001  
Platte County Planner, P.O. Box 728, Wheatland, Wyoming 82201  
Mike Ebsen, SEO



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

August 3, 2009

Brian and Ranae Todd  
6 Double Tree Road  
Rozet, WY 82727

RE: Todd Small Residential Wastewater System, Campbell County, Permit # 09-332  
Location: NE ¼ NW ¼, S17, T50N, R69W; 6 Double Tree Road, Rozet, WY

Dear Mr. and Mrs. Todd:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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)

Please contact the Campbell County Building and Zoning Department at 307.682.1970 for compliance with any further county regulations. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.**

If you have any questions, please contact me at (307) 777.6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0680

cc: IPS, Cheyenne  
WYDEQ Casper File  
Keith Bowar, Campbell County, 500 S. Gillette Ave, Ste 1500, Gillette, WY 82716  
Steve Bruce, PE, Bruce Engineering, PO Box 2284, Gillette, WY 82717

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## ROAD APPLICATION PERMIT

X New  
Renewal  
Modified

PERMIT NO. 09-333  
SPECIAL CONDITIONS  
REF/PERMIT

### DUMBRILL RANCH ROAD ROAD APPLICATION

This permit hereby authorizes the applicant:

**MAXIM DRILLING AND EXPLORATION, INC.**  
P.O. BOX 3947  
GILLETTE, WY 82717-3947

to road apply a total of 200 barrels of waste crude oil from the Maxim Drilling and Exploration Brislaw 33-13 to construct a ranch road on the Dumbrill Ranch according to the procedures and conditions of application number 09-333. The application area is located in portions of Sections 7, 8, 17, 18, 19, and 20, Township 49 North, Range 65 West, Crook County, Wyoming. This permit shall be effective until December 1, 2009.

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

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

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

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

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

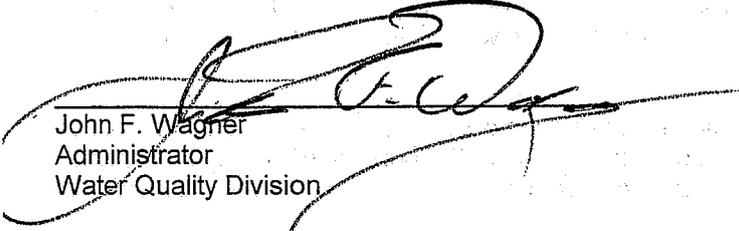
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

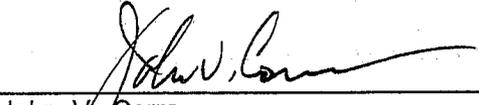
In carrying out its activities authorized by this permit, the permittee, owner and/or operator shall comply with all of the following permit conditions:

- 1 of 7 The permittee shall notify representatives from the DEQ/WQD of the anticipated project commencement and completion dates. At least 48 hours advance notice is required. The authorized representative in your area can be contacted at the following address: DEQ/WQD, Casper WDEQ Field Office, 152 North Durbin Street, Suite 100, Casper, WY 82601, telephone (307) 473-3452; FAX (307) 473-3458.
- 2 of 7 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 7 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the road application was completed; and
  - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
  - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received waste crude oil.
- 4 of 7 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 7 The waste crude oil shall be applied uniformly and incorporated into the road bed. The volume and rates of application will be as required for dust control.
- 6 of 7 The application site slope shall not exceed eight percent (8%) for vehicular application. The application of waste crude oil shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 7 of 7 Only the roads designated in this permit are authorized for application of the waste crude oil. Additional or alternate sections of road meeting the requirements of the application and this permit may be utilized if a written description and maps are received and approved by the WQD.

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

6/19/89  
Date of Issuance

JDL/KJM/rm/9-0517

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

I. General information.

A. Permit Number: 09-333

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

A. Chapter XI. No

B. Chapter XII. No

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

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

No

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

No

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

No

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

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

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

B. Briefly state the basis for the deviation.

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

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

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

District Policy 10.2 (10/17/86)

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

NA

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

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

The opportunity for direct or indirect discharge, percolation, or filtration to groundwater is minimized by uniformly applying non-contact process water. Application is for dust control and as an aid in road construction (compaction).

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, Senior Environmental Analyst, and completed on June 17, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-334R

Town of Granger Water Tank Project  
PWS # WY5600020

This permit hereby authorizes the applicant:

Ms. Lenore S. Perry  
Town of Granger  
P.O. Box 42/76 Spruce Street  
Granger, WY 82934

to construct a new 500,000 gallon concrete tank to provide the Town with additional storage capacity, increased water pressure and improved fire suppression capability within the service area according to the procedures and conditions of the application number 09-334R. Permit number 09-108RR approved earlier describes upgrades to the distribution system, sewage collection system and connection to the existing water supply. The facility is located at a site adjacent to the Town of Granger at NE1/4SW1/4 Section 19,T19N, R111W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 22, 2011.

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

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

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

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

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

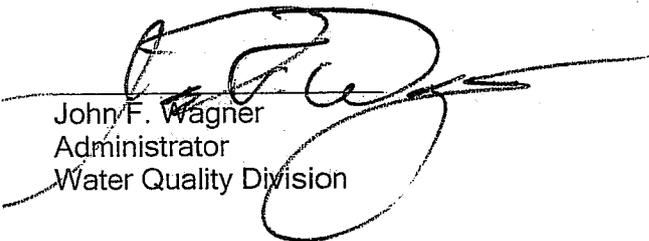
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

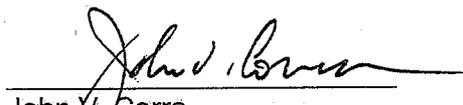
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4      The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4      Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 4      Review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 4 of 4      Plans for the tank, signed and stamped by the design P.E showing compliance with Chapter 12 Section 13, specifically showing the vent and elevated access must be submitted prior to construction of tank components.

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

7/21/09  
Date of Issuance

MDB/PDR/rm/9-0635

## STATEMENT OF BASIS

1. Permit Number: 09-334R
2. Application reviewed for compliance with the following regulations:  
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
Yes.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
Not required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Perry Roberson and approved by Mark D. Baron, P.E., mbaron@wyo.gov, Southwest District Engineer and completed on July 22, 2009. 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: Sinclair Buckstaff, Jr, P.E., Nelson Engineering, PO Box 1599/430 South Cache St., Jackson, WY 83001



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 13, 2009

City of Rawlins  
Duane Stolns, Public Works Director  
P.O. Box 953  
Rawlins, WY 82301

RE: Rawlins Elementary School Complex Offsite Improvements,  
Application No. **09-335**, Carbon County

Dear Mr. Stolns:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installing approximately 1000 ft of 8 inch SDR 35 sanitary sewer main, installing five new manholes, installing approximately 1500 ft of 8 inch PVC C-900 water main, installing approximately 1020 ft of 12 inch PVC C-900 water main, and installing three new fire hydrants, SW ¼ SE ¼ Section 4, T21N R 87W; 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. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 13, 2011.

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. **09-335** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/bb/9-0601

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

James Murphy, AVI, 1103 Old Town Lane Suite 101, Cheyenne, WY 82009

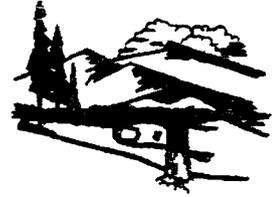
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 17, 2009

Wyoming Army National Guard  
Douglas C. Shope, Deputy Director  
5500 Bishop Boulevard  
Cheyenne, WY 82009

RE: Fire Sprinkler Service, Wheatland Armory  
Application No. **09-336**, Platte County

Dear Mr. Shope:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installation of a 4 inch PVC fire line with backflow prevention, NW ¼ Section 24, T24N R 68W; 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 and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 16, 2011.

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. **09-3356** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0608

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

Erin Gates, Benchmark Engineers, 1920 Thomes Ave., Suite 620, Cheyenne, WY 82001

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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**REVIEW OF PLANS & SPECIFICATIONS  
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION**

**PROJECT:** Porter Small Residential Septic System

**ENGINEER/ CONSULTANT:** None

**APPLICANT:** Vincent Porter, P.O. Box 355, Newcastle, WY 82701

**INSTALLER:** Applicant

**WATER QUALITY DIVISION APPLICATION NUMBER:** 09-337

**REVIEWING ENGINEER:** Suzanne Pagorek 307.777.6941 or spagor@wyo.gov 

**DATE OF REVIEW:** June 23, 2009

**ACTION:** **NOT AUTHORIZED FOR CONSTRUCTION.** In accordance with Section 12(a), Chapter 3, Wyoming Water Quality Rules and Regulations (WWQRR), this application is **not granted**. Please address the comments outlined below and submit the requested information in order that the application process may be completed in accordance with Section 9 of Chapter 3 of the WWQRR. If the applicant fails to provide the requested information within one month, the incomplete application shall be returned.

1. Please complete the appropriate leachfield detail sheet.
2. Please complete percolation tests in the area of the proposed leachfield. The percolation test results are used in combination with the design wastewater volume to determine the minimum required area of the leachfield.
3. Once the percolation tests are completed, please complete page 3 and page 5 of the worksheets.

The required paperwork is enclosed for your convenience. Please complete and return the documents to Wyoming Department of Environmental Quality, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, Wyoming 82601

## Two Trench Chambered Leachfield

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



Type of Chamber:

Brand Infiltrator

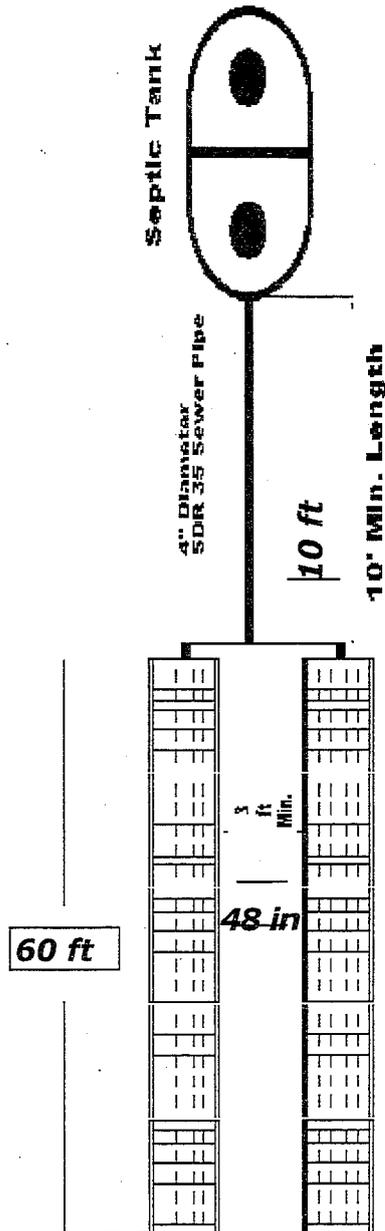
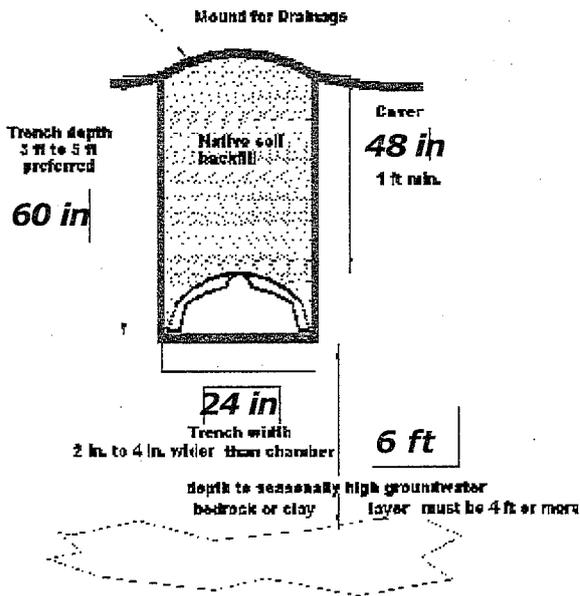
Model Equalizer 36

Dimensions: Length 8.44 ft

Width 18 in Height 12 in

Number of Sections Req'd 14

(From Section E.4)



# EXAMPLE

# Two Trench Chambered Leachfield

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

Type of Chamber:

Brand \_\_\_\_\_

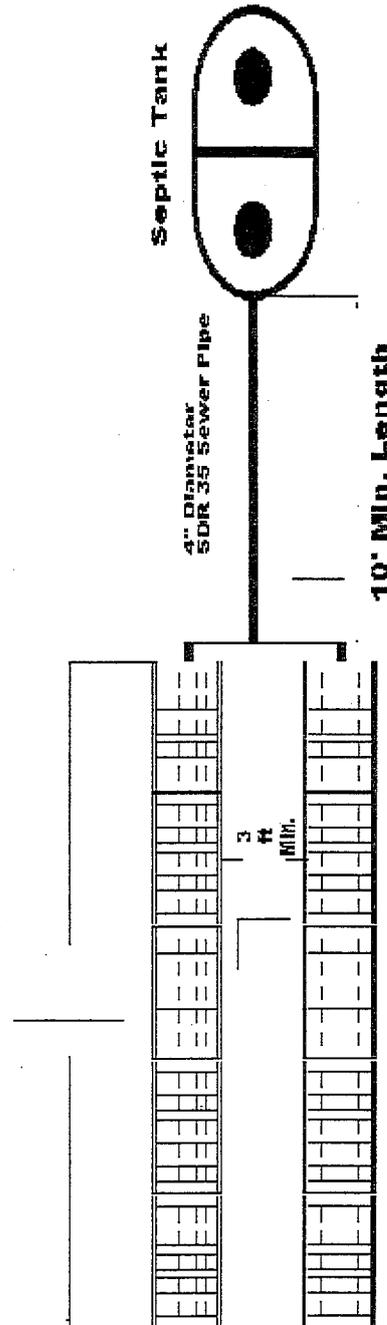
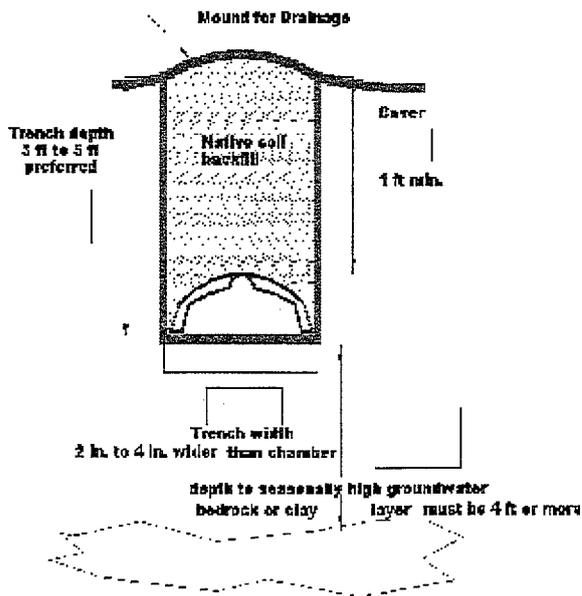
Model \_\_\_\_\_

Dimensions: Length \_\_\_\_\_

Width \_\_\_\_\_ Height \_\_\_\_\_

Number of Sections Req'd \_\_\_\_\_

(From Section E.4)



# PERCOLATION TEST PROCEDURE

## INSTRUCTIONS

General Information - Complete the general information areas of sections 1., 2., and 3. at the top of the data sheet.

Location of Percolation Test Holes - The percolation(perc) test holes shall be spaced uniformly over the proposed soil absorption (leach field) site. **A minimum of three(3) test holes are required.** More than 3 can be used if desired.

Test Hole Preparation - Test holes that are 4 to 12 inches in diameter shall be dug or bored to the proposed depth of the leach field(typical depths are 30 to 42 inches). The side walls shall be vertical and a natural soil surface (one which is not smeared from digging) shall be exposed by scraping the sides and bottom of the test hole with a sharp pointed instrument. Any loose material shall be removed from the test hole and several inches of coarse sand or gravel placed in the bottom of the test hole in order to prevent scouring and sealing before the water is poured in.

Presoaking - **PRESOAKING IS ABSOLUTELY REQUIRED** in order to get valid percolation test results. The purpose of presoaking is to have the water conditions in the soil reach a stable condition similar to that which exists during continual wastewater application in a leach field. The minimum time of presoaking varies with soil type and soil conditions, but must be sufficiently long so that the water seeps away at a steady rate. The following presoaking instructions are usually sufficient to establish the proper soil moisture conditions.

- a. Sandy or loose soils - Fill the test hole to within several inches of the top and allow it to seep away. Fill the hole a 2<sup>nd</sup> and 3<sup>rd</sup> time and let the water seep away. If the water continues to all seep away in ten(10) minutes or less, this indicates that the soil is excessively permeable and the site is unsuitable for a standard subsurface disposal system. In this case, the special requirements of Chapter 11, Section 36(d) shall be followed. If water remains after 10 minutes, then further presoaking is necessary before taking any measurements. Refer to the next section for further presoaking instructions.
- b. Other suitable soils - If the soil is suitable for a standard subsurface leach field, then the test holes should be presoaked for at least 4 hours. Maintain at least 12 inches of water in the test holes for at least 4 hours, then allow the soil to swell for 12 hours (overnight is good) before starting the actual perc test measurements.

Perc Rate Measurements - Start the test by filling each test hole with approximately 12 to 18 inches of water. Let the soil rehydrate for about 15 minutes and then refill to 12 to 18 inches deep. Next, decide on a time interval for your test. Time intervals of 10 or 15 minutes are typical. Once decided, **the time interval must remain constant** throughout the test so that it can be determined when the water level drop rate has stabilized. Measure the initial water level (from a fixed reference point such as a flat board across the top of the hole) in each hole and record on the "Start" line in the test data table. To continue, record the actual water level in each hole at the end of each successive time interval. After each water level measurement, calculate the water level drop from the previous measurement and record in the test data table. Continue the test until the water level drop rate (right half of each column) has stabilized; ie. - 3 consecutive equal drop rates within 1/8 inch of each other. Please note that some test holes may take longer than others to stabilize. The test should be continued at each test hole until each drop rate stabilizes. Also please note, a minimum of 6 inches of water should be maintained in the test hole. If the level drops below 6 inches, some additional water should be added between time intervals. Before you use the test data sheet, **make several extra blank copies before you start** in case the tests take more than 10 intervals to stabilize or if you intend to use more than 3 test holes.

Perc Rate Calculation - After the water level drop rates have stabilized in all of the test holes, transfer the last water level drop measurement to the final drop row in the data table. To calculate the perc rate for each test hole, divide the time interval by the final drop. This is the perc rate in minutes per inch(mpi). Depending on how many test holes were used, determine the design percolation rate using either 3a or 3b at the bottom of the percolation test results data sheet.

An Example Test Data Sheet is provided on the back of these instructions to demonstrate how to record the data.

## PERCOLATION TEST RESULTS

1. Performed by: Mike Plumber Test Date(s): 6-23 & 6-24, 99

Credentials or Status of Tester: Contractor / installer

( Owner, contractor, installer, engineer, geologist, sanitarian, soil scientist, or other )

2. The **time interval (ti)** between water level measurements was: 10 minutes.

3. **TEST DATA:** The test holes were **PRESOAKED** for:      hours, or X overnight

Test Hole # is:     1         2         3      
 Hole depth (inches) =     34     "     38     "     37     "

Interval Number	Elapsed Time	Water Level / Drop	Water Level / Drop	Water Level / Drop
Start =	<u>0 min</u>	<u>17"</u>		
1	<u>10</u>	<u>18 1/4</u>	<u>1 1/4</u> ←	Water level drop between intervals
2	<u>20</u>	<u>19 1/4</u>	<u>1</u> ←	The actual water level below the top of the test hole
3	<u>30</u>	<u>20</u>	<u>3/4</u>	
4	<u>40</u>	<u>20 5/8</u>	<u>5/8</u>	Refill hole if needed and Re-measure actual water level
5	<u>50</u>	<u>15</u>	<u>Refill</u> ←	
6	<u>60</u>	<u>15 1/2</u>	<u>1/2</u>	Continue test until 3 consecutive "drops" are the same to within 1/8 inch total variation
7	<u>70</u>	<u>15 7/8</u>	<u>3/8</u>	
8	<u>80</u>	<u>16 3/8</u>	<u>1/2</u>	

Final Drop  
(NOT Total) =     1/2    "

Perc rate(mpi) is:

[  $t_i$  / Final Drop ] =  $10 / \frac{1}{2} =$  20.0 mpi

a. If 6 or more holes were tested, the average perc rate was: NA mpi, or

b. If 3 to 5 holes were tested, the slowest perc rate (largest number) was: 20.0 mpi

## PERCOLATION TEST RESULTS

1. Performed by: \_\_\_\_\_ Test Date(s): \_\_\_\_\_

Credentials or Status of Tester: \_\_\_\_\_

( Owner, contractor, installer, engineer, geologist, sanitarian, soil scientist, or other)

2. The **time interval (ti)** between water level measurements was: \_\_\_\_\_ minutes.

3. **TEST DATA:** The test holes were **PRESOAKED** for: \_\_\_\_\_ hours, or \_\_\_\_\_ overnight.

Test Hole # is: \_\_\_\_\_

Hole depth ( inches ) = \_\_\_\_\_

Interval Number	Elapsed Time	Water Level / Drop	Water Level / Drop	Water Level / Drop
Start =	0 min	_____	_____	_____
1	_____	_____	_____	_____
2	_____	_____	_____	_____
3	_____	_____	_____	_____
4	_____	_____	_____	_____
5	_____	_____	_____	_____
6	_____	_____	_____	_____
7	_____	_____	_____	_____
8	_____	_____	_____	_____
9	_____	_____	_____	_____
10	_____	_____	_____	_____

Final Drop  
**(NOT Total)** = \_\_\_\_\_

Perc rate(mpi) is:  
[ **ti** / Final Drop ] = \_\_\_\_\_

- a. If **6 or more** holes were tested, the **average perc rate** was: \_\_\_\_\_ mpi, or
- b. If **3 to 5** holes were tested, the **slowest perc rate** (largest number) was: \_\_\_\_\_ mpi.

## LOADING RATE TABLE

<u>Percolation Rate (minutes per inch)</u>	<u>Loading Rate</u>	<u>Percolation Rate (minutes per inch)</u>	<u>Loading Rate</u>
	Cannot use	31	0.39
Less than 1 mpi	this generic	32	0.385
	package *	33	0.38
		34	0.375
1 to 5 mpi	0.80	35	0.37
6	0.75	36	0.365
7	0.71	37	0.36
8	0.68	38	0.357
9	0.65	39	0.353
10	0.62	40	0.35
11	0.60	41	0.347
12	0.58	42	0.343
13	0.56	43	0.34
14	0.54	44	0.337
15	0.52	45	0.333
16	0.505	46	0.33
17	0.49	47	0.327
18	0.48	48	0.325
19	0.47	49	0.323
20	0.46	50	0.32
21	0.45	51	0.318
22	0.44	52	0.316
23	0.435	53	0.314
24	0.43	54	0.312
25	0.42	55	0.31
26	0.415	56	0.308
27	0.41	57	0.306
28	0.405	58	0.304
29	0.40	59	0.302
30	0.395	60	0.30
		More than 60 mpi	Cannot use this generic Package *

\* Note - If the perc rate for your site is less than 1 mpi or greater than 60 mpi, you cannot use this generic application package. You must hire a Wyoming Registered Professional Engineer and submit an application customized for your specific site conditions.

C. Septic Tank Information.

1. Tank size: \_\_\_\_\_ gallons, 1 compartment \_\_\_\_\_, or 2 compartment \_\_\_\_\_
2. Manufacturer: \_\_\_\_\_, Model \_\_\_\_\_
3. Supplier: \_\_\_\_\_, Phone # \_\_\_\_\_
4. *Standard Septic Tank detail sheet* must be completed.

D. Absorption system (leachfield) size calculations.

1. Design wastewater volume ( circle a, b, or c - and complete that section):
  - a. Permanent Structure: 150 gpd/bedroom x \_\_\_\_\_ bedrooms = \_\_\_\_\_ gpd
  - b. Mobile home: 1 or 2 bdrms = 350, 3 bdrms = 500, 4 bdrms = 650gpd (circle one )
  - c. Non-residential design loads ( show calculations as appropriate)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

2. The absorption system loading rate is: 0. \_\_\_\_\_ gpd/sf.

(The loading rate is determined from your percolation rate and the "Loading Rate Table", Appendix PT, in the *Percolation Test Procedure attachment*)

3. The minimum required infiltrative surface area is calculated as follows:

$$\frac{\text{Wastewater volume (D.1.)}}{\text{Loading rate (D.2.)}} = \frac{\text{gpd}}{\text{gpd/sf}} = \text{_____ sf}$$

4. Trench Design for Chamber Leachfield Systems: (Distinct trenches with at least 3 feet of undisturbed soil between trenches)
- Minimum infiltrative surface area required = \_\_\_\_\_ sf from D.3.
  - Choose your make and model of leachfield Chamber:  
 Manufacturer \_\_\_\_\_, Model \_\_\_\_\_  
 Width \_\_\_\_\_ inches, Height \_\_\_\_\_ inches, Length \_\_\_\_\_ feet & inches
  - Equivalent area per unit = \_\_\_\_\_ (See *Chamber Systems Attachment*)
  - Minimum number of units required is:  
 (Minimum area [E.4.a.] / Equivalent unit area [E.4.c.]) =  
 ( \_\_\_\_\_ / \_\_\_\_\_ ) = \_\_\_\_\_ units [round up]
  - Number of units to be used = \_\_\_\_\_ (same or more than E.4.d.)
  - Trench layout - Depending on the number of units to be used, choose one of the following:  
 \_\_\_\_\_ 1 single trench see *Single Trench Chambered Leachfield detail sheet*  
 \_\_\_\_\_ 2 trenches see *Two Trench Chambered Leachfield detail sheet*  
 \_\_\_\_\_ 4 trenches see *Four Trench Chambered Leachfield detail sheet*  
 \_\_\_\_\_ Multiple trenches see *Multiple Trench Chambered Leachfield detail sheet*  
 (requires "D" Box) *sheet*
5. Bed Design for Chamber Leachfield Systems: ( one continuous excavation - no distinct trenches )
- Minimum infiltrative surface area required = \_\_\_\_\_ sf from D.3.
  - Choose your make and model of leachfield Chamber:  
 Manufacturer \_\_\_\_\_, Model \_\_\_\_\_  
 Width \_\_\_\_\_ inches, Height \_\_\_\_\_ inches, Length \_\_\_\_\_ feet & inches
  - Equivalent bed area per unit = \_\_\_\_\_ (See *Chamber Systems Attachment*)
  - Minimum number of units required is:  
 (Minimum area [E.5.a.] / Equivalent unit area [E.5.c.]) =  
 ( \_\_\_\_\_ / \_\_\_\_\_ ) = \_\_\_\_\_ units [round up]
  - Number of units to be used = \_\_\_\_\_ (same or more than E.5.d.)
  - Bed layout: Complete *Bed Type Chambered Leachfield detail sheet*



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 22, 2009

Vincent Porter  
P.O. Box 355  
Newcastle, WY 82701

RE: Porter Small Residential Wastewater System, Crook County  
Location: 600 Old HWY 85; NE ¼, S27, T44N, R61W; Permit # 09-337

Dear Mr. Porter:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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 conditions apply:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307.283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0629

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

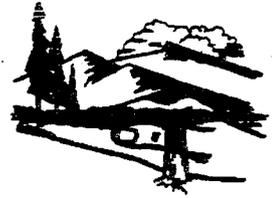
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 25, 2009

Gary Paul  
P.O. Box 473  
Upton, WY 82730

RE: Paul Small Residential Wastewater System, Weston County; Permit # 09-338  
Location: S 1/2 SW 1/4, Section 25, T48N, R65W

Dear Mr. Paul:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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 conditions apply:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.

**Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.**

If you have any questions, please contact me at (307) 777.6941.

Sincerely,

*Suzanne Pagorek*

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0549

cc: IPS, Cheyenne  
WYDEQ Casper File  
Weston County Assessor, 1 W Main, Newcastle, WY 8270

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 7, 2009

Dale Hawks  
130 Perkins Extended  
Memphis, TN 38117

RE: Hawks Small Residential Wastewater System, Crook County, Permit # 09-339  
Location: Sundance Canyon Ranch Phase 2 Tract 90, Section 13, T49N, R64N

Dear Mr. Hawks:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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, both horizontal and vertical. This requirement includes both the pipeline from the house to the septic tank and from the septic tank to the leachfield.
2. Either a 6-inch diameter clean-out riser or a manway from each compartment of the septic tank must be extended to the ground surface from all septic tanks.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307.283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** If you have any questions, please contact me at (307) 777-6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0578

cc: IPS, Cheyenne  
WYDEQ Casper File  
Tim Lyons, Crook County Growth and Development, P.O. Box 848, Sundance, WY 82729  
Wade Habeck, Timberlines Services, Inc., P.O. Box 867, Sundance, WY 82729

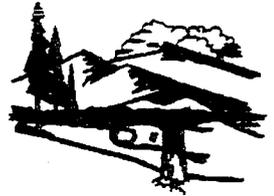
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

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# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 25, 2009

Kyle Lawson  
P.O. Box 2227  
Gillette, WY 82717

RE: Transfer of Ownership,  
Lawson Small Residential Wastewater extension  
Campbell County, Reference Permit #04-408  
Permit #09-340

Dear Mr. Lawson:

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

If you have any questions, please contact me at (307) 777-6941. Thank you.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0550

Enclosures

cc: IPS, Cheyenne  
WDEQ File  
Keith Bowar, Campbell County, 500 S. Gillette Ave, Ste 1500, Gillette, WY 82716



09-340

PERMIT TRANSFER REQUEST  
AUTHORIZED BY AUTHORITY OF

Received  
JUN 17 2009  
Casper DEQ

Date: 6-2-09

Water Quality Rules and  
Regulations, Chapter III

Water Quality Division  
Department of Environmental Quality  
152 N Durbin St. Suite 100  
Casper, WY 82601

Director  
Department of Environmental Quality

PERMIT NO. 09-340

DATE 6/25/09

BY Suzanne Pagorek

To Whom It May Concern:

Robert W Lawson intends to transfer ownership of the facility  
(Original Owner - Please Print)

Small Waste Water System associated with Permit # 04-408  
(Facility Name and/or Description - Please Print)

to Kyle Lawson, on 6-1-09  
(Date)

It is requested that the said permit be transferred to the new owner in accordance with Section 12 of Chapter 3, of the Wyoming Water Quality Rules and Regulations. The new owner agrees to accept and be bound by the provisions of the permit and any amendments, agrees to construct and operate the facility in accordance with the approved permit and agrees to accept responsibility for the facility's compliance with applicable standards and permit conditions, including the responsibility to perform any necessary corrective actions.

The original owner shall retain responsibility for the facility according to the terms of the original permit until the application for permit transfer is approved by the Administrator.

Please transfer the permit to the transferee's name and issue a modified permit reflecting the transfer of ownership. Terms and conditions of the original permit are transferred to and become the responsibility of the new owner.

Robert W Lawson Signature of Original Owner Kyle Lawson Signature of New Owner

Name \_\_\_\_\_ Name Kyle Lawson

Address \_\_\_\_\_ Address P.O. Box 2227

\_\_\_\_\_ Gillette, WY 82717

Telephone \_\_\_\_\_ Telephone 307.680.0022

CERTIFICATE OF DEATH

FACT OF DEATH NUMBER  
371

STATE FILE NUMBER  
140-2009-000309  
DATE FILED: 01/26/2009

DECEDENT'S INFORMATION:  
NAME: ROBERT WILLIAM LAWSON  
ALIAS: BOB  
SEX: MALE  
DATE OF DEATH: 01/18/2009

SOCIAL SECURITY NUMBER: 520-32-5323  
DATE OF BIRTH: 04/29/1939

ARMED FORCES: YES  
AGE: 69 YEARS

PLACE OF DEATH INFORMATION:  
TYPE: INPATIENT

FACILITY NAME OR ADDRESS: RAPID CITY REGIONAL HOSPITAL RAPID CITY PENNINGTON SOUTH DAKOTA

DISPOSITION INFORMATION:  
METHOD: REMOVAL FROM STATE  
CEMETERY: MT PISGAH CEMETERY  
LOCATION: GILLETTE WYOMING  
CREMATORY:  
LOCATION:

DEMOGRAPHIC INFORMATION:  
RESIDENCE: 9951 S HWY 59 GILLETTE CAMPBELL WYOMING 82718  
PLACE OF BIRTH: WYOMING UNITED STATES OF AMERICA  
SURVIVING-SPOUSE'S NAME, IF WIFE MAIDEN NAME: BEVERLY J BOUCHER  
FATHER'S NAME: CHARLES B LAWSON  
MOTHER'S NAME PRIOR TO FIRST MARRIAGE: JOSEPHINE JOSLYN

MARITAL STATUS: MARRIED

INFORMANT INFORMATION:  
INFORMANT'S NAME: BEVERLY J LAWSON

RELATIONSHIP: SPOUSE

MAILING ADDRESS: BOX 2227 GILLETTE, WYOMING 82717  
FUNERAL HOME: BEHRENS WILSON FUNERAL HOME 632 ST FRANCIS ST RAPID CITY SOUTH DAKOTA 57701

*Wilson Wade H*

FUNERAL SERVICE LICENSEE: WILSON WADE H  
CAUSE OF DEATH PART I:  
SEPTIC SHOCK

MEDICAL CERTIFICATE

LICENSE NO: 1325  
INTERVAL:  
DAYS

PART II: MULTIPLE MYELOMA, RENAL FAILURE

CORONER CONTACTED: NO  
ACTUAL OR PRESUMED TIME OF DEATH: 1252  
AUTOPSY PERFORMED: NO

AUTOPSY AVAILABLE:  
MANNER OF DEATH: NATURAL CAUSES

INJURY INFORMATION:  
DATE OF INJURY:  
INJURY AT WORK: TYPE OF WORK:  
PLACE OF INJURY:  
LOCATION OF INJURY:  
HOW THE INJURY OCCURRED:

TIME OF INJURY:

CERTIFIER: EATON BRUCE  
CERTIFIER'S ADDRESS: 2006 MT RUSHMORE ROAD RAPID CITY SOUTH DAKOTA 57701

SD LIC NO: 4208

This is a true certification of the official Vital Record filed in the Department of Health as provided in Chapter 34-25 of the SOUTH DAKOTA CODIFIED LAWS.

ISSUED BY PENNINGTON COUNTY REGISTER OF DEEDS

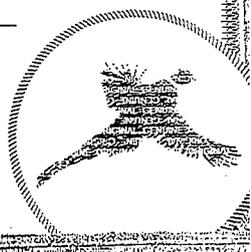
*Anthony C Nelson*

*Wanda M May*

ANTHONY C NELSON, STATE REGISTRAR

REGISTER OF DEEDS

DATE ISSUED: JANUARY 29, 2009



SD0662757



The State  
of Wyoming

## Department of Environmental Quality



Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

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

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

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

ABANDONED MINES  
(307) 473-3460  
Fax: (307) 473-3458

### NOTIFICATION OF COVERAGE

August 12, 2004

Robert W. Lawson  
Box 2227  
Gillette, WY 82717

RE: Lawson Small Wastewater extension, Permit # 04-408

Dear Mr. Lawson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3 and Chapter 11, Part D, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit.

If you have any questions please contact Dennis Lamb at 3030 Energy Lane, Casper, WY, 82604, (307) 473-3452. Thank you.

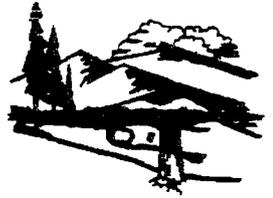
Sincerely,

Dennis Lamb  
NE District Supervisor  
DEQ/WQD

cc: IPS, Cheyenne



# Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

June 25, 2009

Kyle Lawson  
P.O. Box 2227  
Gillette, WY 82717

RE: Lawson Small Residential Waste Water System, Campbell County, Permit # 09-341  
Location: SE ¼ NW ¼, Section 25, T48N, R72W

Dear Mr. Lawson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. The General Permit requirements can be downloaded from 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)

Please contact the Campbell County Building and Zoning Department at 307.682.1970 for compliance with any further county regulations.

**Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.**

If you have any questions, please contact me at (307) 777.6941.

Sincerely,

Suzanne Pagorek  
WDEQ/WQD

SP/rm/9-0551

cc: IPS, Cheyenne  
WYDEQ Casper File  
Keith Bowar, Campbell County, 500 S. Gillette Ave, Ste 1500, Gillette, WY 82716

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WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-342

BP Petroleum Wamsutter North Evaporation Pond, Cells #3 and 4  
Commercial Oilfield Wastewater Evaporation Pond

This permit hereby authorizes the applicant:

BP America Production Company  
P.O. Box 157  
Wamsutter, WY 82336

to construct, install or modify two additional evaporative ponds (Cells #3 and 4) for disposal of oilfield exploration and production wastewaters, located approximately 12 miles north-northwest of Wamsutter, according to the procedures and conditions of the application number 09-342. The facility is located in the northwest quarter, Section 35, Township 22 North, Range 94 West, in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 1, 2011.

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

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

Nothing in this permit constitutes an endorsement by DEQ of the 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 10 The applicant will notify the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458 of the date construction will begin and the estimated completion date.
- 2 of 10 The applicant will provide immediate oral or written notice to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 10 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 of 10 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 5 of 10 Measurement of depth to groundwater in all monitor wells and testing of groundwater is to be performed prior to filling any ponds (Cells #3 and #4) at this facility. Groundwater monitoring will be conducted on a quarterly basis and results reported to DEQ within a month after receiving laboratory analytical reports. Samples will be submitted for the following analysis:
  - a) electrical conductivity
  - b) pH
  - c) chloride
  - d) sodium
  - e) alkalinity
  - f) sulfate
  - g) total dissolved solids

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

6 of 10 The leak detection system is to be **checked weekly for the first month** following filling of a pond (Cells #3 and #4) and monthly thereafter with a log kept of the inspection results. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and tested for total petroleum hydrocarbons (TPH) by EPA Method 8015 (modified), chlorides, total dissolved solids (TDS) and sulfates. Results are to be reported to DEQ as soon as they are available. Testing requirements are subject to revision as needed.

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

7 of 10 Fluids in the pond (Cells #3 and #4) are to be checked annually for the following constituents. Each pond will be sampled and analyzed separately in accordance with the following list:

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

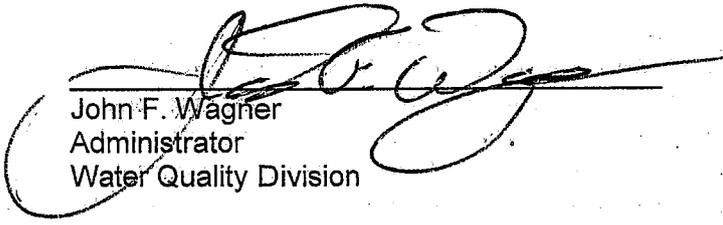
The results of the pond analyses are to be reported to DEQ within one month after receiving laboratory analytical reports. The analyte list and monitoring frequency are subject to revision by CBM / Oil and Gas Group, Water Quality Division.

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

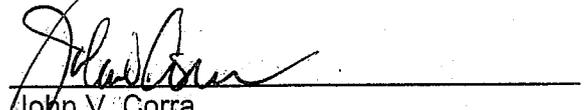
9 of 10 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis.

10 of 10 An annual report will be submitted to DEQ CBM / Oil and Gas Group by April 1 of each year. The annual report will include relevant details of the construction, modification, and operation details of the facility from the previous year, any anticipated construction, modification and/or operational changes for the upcoming year. The report will include a discussion and analysis of the groundwater monitoring, leak detection monitoring and pond analysis. A listing of all non exploration and production wastes accepted by the facility will also be included in the annual report. This listing shall include generator, type of waste, amount and date of disposal. The annual report will also include a review of the closure and post closure requirements, including financial costs. A renewal of the bond will be required as part of the annual report. Reporting requirements are subject to modification by DEQ.

AUTHORIZED BY:



John F. Wagner  
Administrator  
Water Quality Division



John V. Corra  
Director  
Department of Environmental Quality

7/17/09  
Date of Issuance

JDL/KJM/rm/9-0616

cc: Tetra Tech, Inc., 605 N. Warehouse Road, Casper, WY 82601

## STATEMENT OF BASIS

1. Permit Number: **09-342**
2. Application reviewed for compliance with the following applicable regulations :  
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?  
YES
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
  - a. The permit includes approval to deviate from the following regulatory requirements:  
Not applicable
  - b. Briefly state the basis for the deviation.  
Not applicable
  - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.  
Not applicable
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

The facility will not allow a discharge to groundwater.

The new ponds (Cells #3 and #4) will have a primary liner of 60 mil high density polyethylene with a 40 mile high density polyethylene secondary liner. A leak detection system, consisting of a geonet, will be installed between the two liners. Groundwater monitoring wells will also be installed at the facility to monitor groundwater on a quarterly basis.

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

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

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

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

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

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

Documentation of Statement of Basis.

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

#### CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina and Dennis Lamb, CBM / Oil and Gas Group and completed on June 22, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-343

Reference Permit No. 06-396

Land Application of Produced CBM Water  
River Unit Alpha Project - Renewal

This permit hereby authorizes the applicant:

Lance Oil and Gas Company  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, Colorado 80202

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 09-343. The facility is located in portions of Sections 22, 27, and 28, Township 49 North, Range 77 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 32 miles southwest of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

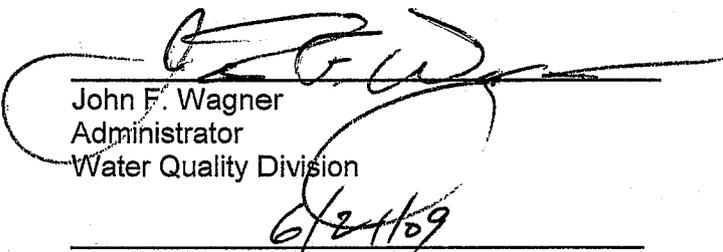
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor: any infringement of federal, state or local laws or regulations.

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

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

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 The applicant shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department. This report will be submitted by April 1 of each year.
- 3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Dates that the land application was initiated and terminated for the irrigation season; and
  - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
  - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
  - d. Landowner certification and applicable documentation that the site has been properly reclaimed.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

6/24/09  
Date of Issuance

KJM/rm/9-0532  
cc: WDEQ Casper Field Office

## STATEMENT OF BASIS

1. Permit Number: 09-343 (renewal of Permit No. 06-396)
2. Application reviewed for compliance with the following applicable regulations :
  - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?

Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on June 23, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-344

Reference Permit No. 06-420

Land Application of Produced CBM Water  
Wagoner/Jenkins Project - Renewal

This permit hereby authorizes the applicant:

Lance Oil and Gas Company  
1099 18<sup>th</sup> Street, Suite 1800  
Denver, Colorado 80202

to construct, install or modify a land application water system for produced CBM discharge water procedures and conditions of the application number 09-344. The facility is located in portions of Sections 16, 17, 20, and 21, Township 50 North, Range 77 West in the county of Johnson, in the State of Wyoming. The facility is located approximately 32 miles west of Gillette, Wyoming. This permit shall be effective until July 1, 2013.

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

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

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

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

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

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

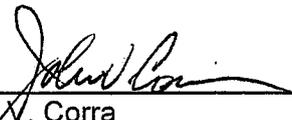
The permittee shall conduct permitted land application in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 4 The applicant will provide immediate oral or written notice to the DEQ/WQD CBM/Oil and Gas Group in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 The applicant shall submit an annual report to the department providing relevant details of the land application, including quantity of water applied, quality of water applied, type and quantity of soil amendments applied, any violations of DEQ regulations (WYPDES or groundwater), soil sampling data from the land receiving the water, and any other information deemed applicable by the department. This report will be submitted by April 1 of each year.
- 3 of 4 Within sixty days of completion of the land application, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
  - a. Dates that the land application was initiated and terminated for the irrigation season; and
  - b. Certification the land application was performed in accordance with the terms and conditions of the permit; or
  - c. Certification the land application was completed with changes or modifications. Submittal of documentation of the land application sites where the changes or modifications were performed if appropriate. All modifications or deviations from the authorized plans must be highlighted; and
  - d. Landowner certification and applicable documentation that the site has been properly reclaimed.
- 4 of 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
\_\_\_\_\_  
John F. Wagner  
Administrator  
Water Quality Division

  
\_\_\_\_\_  
John V. Corra  
Director  
Department of Environmental Quality

6/24/09  
\_\_\_\_\_  
Date of Issuance

KJM/rm/9-0533  
cc: WDEQ Casper Field Office

## STATEMENT OF BASIS

1. Permit Number: 09-344 (renewal of Permit No. 06-420)
2. Application reviewed for compliance with the following applicable regulations :
  - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?  
Yes

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

The water is being applied at an agronomic rate determined by soil testing to prevent groundwater impacts. Applicant has submitted annual permits as required under previous permit.

Documentation of Statement of Basis.

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

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Kim Medina, and completed on June 23, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

PERMIT NO. 09-345

REFERENCE PERMIT NO. 02-382, 03-044

Cheyenne BOPU  
Crow Creek WRF  
Anoxic Basin Addition

This permit hereby authorizes the applicant:

Cheyenne Board of Public Utilities  
2100 Pioneer Avenue  
Cheyenne, WY, 82003

to construct, install or modify add a non-aerated (anoxic) Moving Bed Biofilm Reactor (MBBR) treatment to existing treatment works according to the procedures and conditions of the application number 09-345. The Crow Creek facility has a maximum month rated capacity of 6.5 mgd with a peak hydraulic flow capacity of 12 mgd. The facility is located in SE ¼ Section 3 T13N R65W, Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by July 29, 2012.

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.

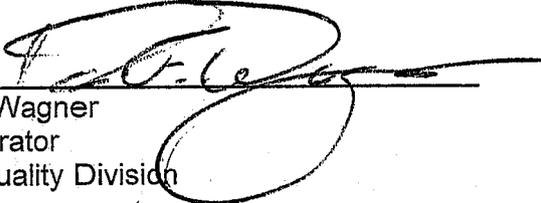
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

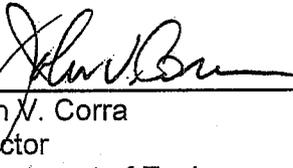
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 307-777-7075, 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 A draft operation and maintenance manual for the wastewater system must be submitted at 50 percent completion of construction to the Southeast District Engineer of the Water Quality Division for approval. Approval of the final operation and maintenance manual is required prior to completion of construction.
- 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
  - a. Date that construction of the facility was completed; and
  - b. Date that the facility was placed in operation; and
  - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
  - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

7/30/09  
Date of Issuance

  
John V. Corra  
Director  
Department of Environmental Quality

RRC/rm/9-0655

## STATEMENT OF BASIS

Permit Number: 09-345

Application reviewed for compliance with the following applicable regulations :

Chapter 11 of the Wyoming Water Quality Rules and Regulations

Does the permit comply with all applicable regulations identified above?

YES

The permit approval is based up on a deviation from applicable regulations in accordance with Section 5. of Chapter 11. A pilot plant permitted by WQD Permit to Construct 02-382 demonstrated the effectiveness of the MBBR as a removal method for ammonia.

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

If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected. The facility will not allow a discharge to groundwater. All processes are in concrete basins

Documentation of Statement of Basis: The archive files 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 Richard Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on July 29, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis.



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 21, 2009

Casey A. Stenson  
P.O. Box 643  
Guernsey, Wyoming 82214

RE: Casey Stenson Residential Septic System,  
Location: NW¼, Section 6, T26N, R65W,

Application No. **09-346**  
Platte County

Dear Mr. Stenson:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **2 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the condition listed below, and the materials submitted in your application package. Your attention is also directed to the reporting requirements\* contained in the attached "CERTIFICATION of COMPLETION" form (especially item #2 which requires the submission of several photographs of different components of the leachfield construction before they are covered). Additionally, 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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on July 21, 2011. Please reference Application Number **09-346** in any future correspondence.

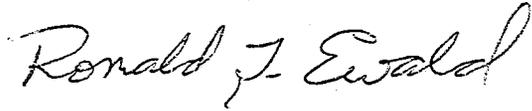
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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If you have any questions, please contact me at (307) 777-6183.

Sincerely,



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

- \* to see the entire "General Permit" for Small Wastewater Facilities go to the DEQ Home page at: <http://deq.state.wy.us/> and **click on** Water Quality on the left side of the page, and then under WQD PROGRAMS,
  - **Click on** the Water & Wastewater Program bullet, and then
  - under Engineering & Technical Services scroll down to
  - General Permits, and **click on** Small Wastewater Systems.

OR – Go directly to:

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp), and under Item #1. Small wastewater facilities, **click on** the "LINK TO PDF".

RLE/ rm/9-0625

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne  
Tyler Dodge, 1256 Sybille Creek Road, Wheatland, Wyoming 82201  
Marlin Johnson, Platte County Planner, P.O. Box 728, Wheatland, Wyoming 82201

CERTIFICATION of COMPLETION for

“NOTIFICATION of COVERAGE” under “GENERAL PERMIT” for  
Small Wastewater Facilities in Accordance with Chapter 3 and Part D, Chapter 11, WQR&R

In accordance with the condition of Application Num. 09-346, located in Platte County, requiring submittal of this Certification of Completion form within sixty(60) days of completion of the authorized facility(s), I hereby certify the following to be accurate and correct statements of the current status of the project authorized by the above referenced permit number:

1. Construction of the permitted facility(s) was completed on \_\_\_\_\_ (DATE), and the facility(s) was placed into operation on \_\_\_\_\_ (DATE).

2. **Pictures of different components** of the facility at various stages of construction **shall be submitted**, including but not limited to the following (**each box must be checked**):

- The septic tank in place with the top and inflow and outflow lines in view,
- The dosing tank if applicable,
- The distribution box (if applicable) and/or leachfield header piping layout,
- A cross-section view of a trench showing the total depth and vertical distribution of leachfield construction materials (such as the washed rock, perforated pipe or chambers, filter paper, straw, fill, top soil, etc.), and

Optional:

- Any other pertinent or important construction details. (If Applicable)

3. Construction was completed in accordance with: (**this box MUST be checked**)

- The facility(s) was constructed in compliance with all terms and conditions of the permit including the design report, plans & specifications, design data, or other pertinent information submitted in support of the application.

\_\_\_\_\_  
**Facility Owner's Name** (print or type)

\_\_\_\_\_  
**Title** (Owner, President, Manager, etc.)

\_\_\_\_\_  
**Owner's Signature**

\_\_\_\_\_  
**Date**

Mail to: Ronald L. Ewald, Consulting Engineer, DEQ/Water Quality Division, Herschler Bldg. 4-W, 122 West 25th Street, Cheyenne, WY 82002 (307) 777-6183

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY  
WATER QUALITY DIVISION  
PERMIT TO CONSTRUCT

No Public Water System Number Assigned (Consecutive System to the Town of Thayne WY5600159)

PERMIT NO. 09-347RR

This permit hereby authorizes the applicant:

Douglas W. Child  
The Meadows At Star Valley  
1284 West Flint Meadows Drive, Suite D  
Kaysville, Utah 84037

to construct a public water booster pump station consisting of 400 linear feet (LF) of 8-inch PVC watermain, two 25 hp pumps, one 40 hp pump, one 10 hp, a pump house and alternative power system for the pump station and a Town of Thayne's water well to serve around 184 subdivision homes according to the procedures and conditions of the application number 09-347RR. The facility is located about 1.25 east of the Town of Thayne at Lat 42.9181° and Long 110.98° in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 28, 2011.

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

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

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

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

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

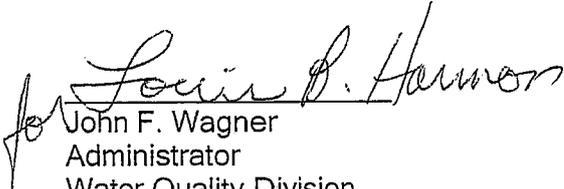
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

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

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

AUTHORIZED BY:

  
John F. Wagner  
Administrator  
Water Quality Division

  
John V. Corra  
Director  
Department of Environmental Quality

12/29/2009  
Date of Issuance

MDB/rm/9-1135

## STATEMENT OF BASIS

1. Permit Number: 09-347RR
2. Application reviewed for compliance with the following regulations:  
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?  
Yes.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.  
Not Required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

## CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mbaron@wyo.gov, Southwest District Engineer and completed on November 4, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

cc: Greg Magleby, LEI Consulting Engineers and Surveyors, 3302 North Main, Spanish Fork, Utah 84660



The State  
of Wyoming



## Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

August 14, 2009

Chairman  
Sheridan County Commissioners  
224 S. Main, Suite B1  
Sheridan, WY 82801

RE: Adverse Recommendation - Spear G Subdivision, WDEQ Application #09-348

Dear Commissioners:

This subdivision application was received in this office on June 17, 2009. The Department of Environmental Quality is required by law to respond with recommendations within 60 days after receipt of the application as described in W.S. §18-5-306 (c). Due to incomplete information with regards to both the proposed water and wastewater systems, this department is issuing an ADVERSE recommendation at this time.

**Recommendation:**

The Department of Environmental Quality is making an adverse recommendation for the Spear G Subdivision, Sheridan County, Department of Environmental Quality / Water Quality Division Application No. 09-348. This recommendation is provided pursuant to W.S. §18-5-306. With this recommendation, Application No. 09-348 is closed.

**Re-submittal:**

If the County Commissioners desire a determination of the safety and adequacy of the proposed water and sewer systems from the Department of Environmental Quality, the developer should re-submit the complete application with the additional information necessary. The submittal will be assigned a new application number with a new 60 day clock.

We have attached comments related to this recommendation which outline the information which was not addressed and/or included in the submittal.

Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

cc: Thomas J. Pilch, P.E./P.G., Pilch Engineering Inc. P.C., 41 East Burkitt Street, Sheridan, WY 82801  
John S. and Donna J. Gregersen, 3201 US Highway 87, Sheridan, WY 82801  
Mike Ebsen, SEO  
WYDEQ File, IPS (Cheyenne)



## **WDEQ COMMENTS**

### **Safety and Adequacy of Proposed Sewage System**

- 1) Chapter 23, Section 7(a) - The proposed subdivision lies within an area that has been identified as a Class 5 Vulnerability area. This designation is given to an area in which “the groundwater is most vulnerable to possible contamination due to the characteristics listed above<sup>1</sup>.” These characteristics are listed as:

- Depth to groundwater
- Geology
- Soils
- Hydrogeology
- Net aquifer recharge
- Slope, and
- Vadose zone characteristics.

The report does not address this issue; therefore, DEQ cannot comment on the adequacy of the proposed wastewater systems – septic systems with mounded leachfields.

### **Safety and Adequacy of the Water Supply**

- 2) Chapter 23, Section 8 (a)(ii) – The report did not include any discussion about the estimated average and maximum number of gallons per day for the subdivision as required by this section.
- 3) The report states that an irrigation plan was being prepared and would be submitted under separate cover; to date, this has not been received.
- 4) Chapter 23, Section (b)(ii) – The report did not include any certification from SAWS that they are willing and able to provide adequate service to the subdivision. The report did not address the capacity of SAWS to provide this additional water. The certification must also include the point of connection if it lies outside of the proposed subdivision. Further, the SAWS letter referenced in the report was not included and has not been received in this office to date. Please provide.
- 5) Chapter 23, Section (b)(iii) – The information required in Chapter 12, Section 6, was not provided or discussed. Please address.

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<sup>1</sup> Little Goose Creek Wastewater Treatment Feasibility Study, Sheridan County, May 2009



# Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

## NOTIFICATION OF COVERAGE

July 27, 2009

Paul Beckett, Interim Utility Manager  
City of Laramie  
P.O. Box C  
Laramie, WY 82073

RE: Grandview Heights 3<sup>rd</sup> & 4<sup>th</sup> Filing for Water, Sewer and Storm Systems  
Application No. **09-349**, Albany County

Dear Mr. Beckett:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installation of approximately 3425 ft of 8 inch water line, installation of approximately 970 ft of 10 inch sanitary sewer, installation of approximately 2120 ft of 8 inch sanitary sewer, install 12 new manholes, and install 7 new fire hydrants, E 1/2 Section 2, T15N R 73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 27, 2011.

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/wgd/www/Permitting/Pages/general\\_permits.asp](http://deq.state.wy.us/wgd/www/Permitting/Pages/general_permits.asp). Please reference Application No. **09-349** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE  
Southeast District Engineer  
Water Quality Division

RRC/rm/9-0646

Enclosure: Certificate of Completion  
cc: IPS, Cheyenne

Roger Strube, Aspen Banner Engineering, 1575 N. 4<sup>th</sup> St. Suite 105, Laramie, WY 82072  
Herschler Building • 122 West 25th Street • Cheyenne, WY 82002 • <http://deq.state.wy.us>

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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# Department of Environmental Quality



Dave Freudenthal, Governor

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

John Corra, Director

## NOTIFICATION OF COVERAGE

July 7, 2009

Stephen W. Payne, P.E.  
City of Cody  
P.O. Drawer 2200  
Cody, WY 82414

RE: Canyon Meadows Sanitary Sewer Replacement Project, Permit Number: 09-350, T53N, R101W, Park County

Dear Mr. Payne:

The project involves the installation of approximately 7,125 linear feet of 15-inch sewer main through Canyon Meadows Subdivision to carry flows from the west end of town. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

[http://deq.state.wy.us/wqd/www/Permitting/Pages/general\\_permits.asp](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: Theresa Gunn, P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414  
PDF to Brian Mark, Cheyenne  
PDF to Kevin Frank, Casper

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

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

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

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

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

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

