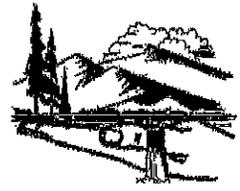




Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 7, 2012

Town of Wheatland

Attn: Cindy Kahler, City Clerk
600 9th Street
Wheatland, WY 82201

RE: Hospital Area Water and Sewer Replacement,
Application No. 12-101, Platte County

Dear Ms. Kahler:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of Existing Public **Water Supply Distribution Systems** consisting of replacing approximately 4500 lineal feet of water main and Existing **Sewage Collection Systems** consisting of replacing approximately 1050 lineal feet of sanitary sewer main located in the **Southwest ¼ of the Northwest ¼, Section 13, T24N, R68W** and the **Northwest ¼ of the Northwest ¼, Section 24, T24, R68W, Platte County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. Section 2665 E.6 – Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

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

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:

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6146 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5816	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **12-101** in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Seth Tourney".

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

SWT/rm/12-0404

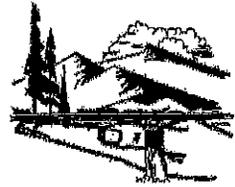
Enclosures: Certificate of Completion form

cc: IPS, Wheatland
Larry Wester, Wester Weststein and Associates, 605 Plaza Court, P.O. Box 2202, Laramie,
WY 82073



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 18, 2012

Saddle Ridge, LLC
Attn: William J. Edwards, Member/Manager
506 Shoshoni Street
Cheyenne, Wyoming 82009

RE: Saddle Ridge Subdivision – Phase 2-C Water & Sewer Construction,
Application No. 12-102, Laramie County

Dear Mr. Edwards:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of approximately 2050 feet of 8" PVC C-900 water pipe, about 300 feet of 12" PVC C-900 water pipe, gate valves and butterfly valves as indicated, and six fire hydrants, and Existing Sewage Collection Systems consisting of approximately 1950 feet of 8" PVC-SDR 35 sewer pipe, and 13 new manholes, located in the W½, Section 25, T14N, R66W, Laramie County in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with, **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general 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. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 19, 2014**.

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.

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7882	ABANDONED MINES (307) 777-6145 FAX 777-8462	AIR QUALITY (307) 777-7391 FAX 777-6616	INDUSTRIAL SITING (307) 777-7369 FAX 777-8937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7781 FAX 777-6973
--	---	---	---	--	--	---



- 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.
- 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.

This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **12-102** in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Water Quality Division

RLE/rm/12-0341

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Roger Strube, Dowl HKM, 1575 N. 4th Street, Laramie, WY 82072
Herman Noe, Cheyenne Board of Public Utilities, 2406 Snyder Avenue, Cheyenne,
Wyoming 82001



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

John Corra, Director

May 25, 2012

Chairman
Campbell County Board of Commissioners
500 South Gillette Ave, Suite 212
Gillette, WY 82716

RE: Resubdivision of Lot 2, Means Industrial Park, WDEQ Application 12-103
Wyoming DEQ has - **NO ADVERSE** - Recommendations

Dear Commissioners:

The Wyoming Department of Environmental Quality has completed the review of the proposed Resubdivision of Lot 2, Means Industrial Park, located in the SW ¼ SW ¼ of Section 4 and NW ¼ NW ¼ of Section 9, Township 50 North, Range 72 West, Campbell County, approximately 2 miles north of the City of Gillette, Wyoming. The information was submitted by Wester-Wetstein and Associates, Inc., and signed by John Wetstein, P.E./P.G., a Wyoming Licensed Professional Engineer and Professional Geologist. 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 and constructed to Campbell County and the Wyoming Department of Environmental Quality Water Quality Rules and Regulations. The information submitted addresses the safety and adequacy of the proposed sewage system **provided that** the statements indicated in the "Notes required to be added to the final plat" section below are added to all pertinent documents. A separate Permit to Construct will be required from the Wyoming Department of Environmental Quality for any commercial septic system that is proposed for this area, prior to construction.

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

The proposed water system is to connect on to the Means Water District. A copy of the signed water service agreement between Magna Real Estate Development, LLC and Means Water District was submitted with the Chapter 23 report, confirming the District's willingness to provide service to the proposed subdivision. The consultant has further provided information that demonstrates the safety and adequacy of the existing water supply. WDEQ has reviewed the information submitted and is satisfied that the proposed connection to the existing water system is feasible, provided that the statements indicated in the "Notes required to be added to the final plat" section below are added to all pertinent documents. A separate Permit to Construct will be required from Campbell County prior to construction of any portion of the water system.



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

1. Pressure-reducing valves may be needed at each individual service meter vault.
2. Due to the varying soils and evidence of high groundwater, site specific investigation **must** be performed during the designing and planning of any septic system. Additional percolation tests and an excavation pit will be required. It is likely that most, if not all, of the systems in the subdivision will require mounded leach fields and dosing systems; some may also require importing suitable leachfield material.

State Engineer's Office (SEO) Comments:

The State Engineer's Office (SEO) has provided comments pertaining to this proposed subdivision. SEO will be requiring the unpermitted stock reservoir/pond that is within the property to be breached or a new filing must be submitted to SEO for the reservoir. As of the writing of this, the developer's intent is to breach the reservoir as part of developing the property. If this is completed, SEO has stated that a photo of the breach can be submitted to document the abandonment of the reservoir. All other previous issues with water right concerns have been addressed by the developer.

Conclusions:

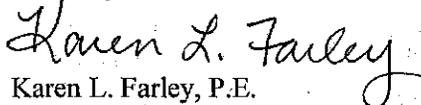
The Wyoming Department of Environmental Quality has "No Adverse" recommendations applicable to the Means Industrial Park Resubdivision of Lot 2.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the Means Industrial Park Resubdivision of Lot 2. Any questions or concerns about the water rights for the Means Industrial Park Resubdivision of Lot 2 should be directed to the State Engineer's Office.

Nothing in Wyoming Department of Environmental Quality recommendations or comments regarding the Wester-Wetstein and Associates, Inc. proposal for the Means Industrial Park Resubdivision of Lot 2 shall be construed to relieve Magna Real Estate Development, LLC, 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 Wyoming Department of Environmental Quality or Campbell County to the issuance of required permits for construction, operation, or modification of septic systems or water supply.

Sincerely,



Karen L. Farley, P.E.

Northeast District Supervisor

Water and Wastewater Program, Wyoming Water Quality Division

cc: Chris Rockers, Magna Real Estate Development, P.O. Box 2155, Gillette, WY 82717-2155
John Wetstein, P.E./P.G., Wester-Wetstein and Associates, Inc., P.O. Box 2202, Laramie, WY 82073
Robert P. Swanson, P.E., PCA Engineering, P.O. Box 2185, Gillette, WY 82717
Campbell County Planning Office, 500 S. Gillette Ave., Suite 1500, Gillette, WY 82716
WDEQ Subdivision file, (IPS) Cheyenne



Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 23, 2012

Attn: Kelly Krakow, Mayor
P.O. Box 188
Albin, Wyoming 82050

RE: Albin 2012 Sewer Main REhabilitation
Application No. **12-104, Laramie County**

Dear Ms. Krakow:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Sewage Collection Systems** consisting of pipe bursting 370 lineal feet of 8-inch Vetrified Clay Pipe (VCP), replace with 8-inch HDPE, replacement of 6 and 8 inch VCP for 2, 276 lineal feet with 8-inch PVC located in the **South ½, Section 20, T17N, R60W and North ½, Section 29, T16N, R60W, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. On the HDPE sanitary sewer service connections, the new saddle shall be electro-fused onto the HDPE pipe, saddle shall allow for standard SDR-35 PVC service connection, as indicated in further correspondence with BenchMark Engineers.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 23, 2017**.

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

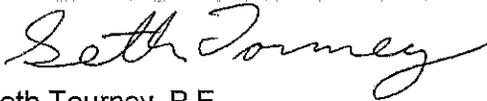
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp



Please reference Application No. **12-104** in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Seth Tourney".

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

SWT/rm/12-0366

Enclosures: Certificate of Completion form

cc: IPS, Albin
Erin M. Gates, BenchMark Engineers, 1920 Thomes Avenue, Suite 620, Cheyenne,
Wyoming, 82001

ROAD APPLICATION PERMIT

X New
Renewal
Modified

PERMIT NO. 12-105
SPECIAL CONDITIONS
REF/PERMIT

Davis Diesel Spill Road Application

This permit hereby authorizes the applicant:

Belle Fourche Pipeline Company
P.O. Drawer 2360
Casper, WY 82601

to road apply approximately 13,000 to 17,000 cubic yards of diesel contaminated soils according to the procedures and conditions of application number 12-105. The application site is located in Sections 19, 20, 21, 28, 29, and 30, Township 47 North, Range 72 West; and in Sections 13, 14, 15, 16, 21, and 24 Township 47 North, Range 73 West in the county of Campbell, in the State of Wyoming. The proposed application site is approximately 17 miles south of Gillette, Wyoming. This permit shall be effective until November 1, 2012.

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

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

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

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

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

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

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

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

- 3 of 8 The permittee shall provide certification that the project was completed in accordance with the terms and conditions of the permit within sixty (60) days of the project completion to the Casper WDEQ Field Office on the attached Certification of Completion form.
- a. Date that the road application was completed; and
 - b. Certification the road application was done in accordance with the terms and conditions of the permit; or
 - c. Certification the road application was completed with changes or modifications. Submit the information necessary to clearly indicate the road application as actually performed. This information shall include a contour map depicting only those sections of road that actually received diesel contaminated soil.
- 4 of 8 The review and approval of this permit is based upon the items identified in the attached Statement of Basis.
- 5 of 8 Diesel contaminated soil shall be applied uniformly and incorporated into the road bed and shall not be applied during the period from November 1 to April 1.
- 6 of 8 The application site slope shall not exceed eight percent (8%) for vehicular application.
- 7 of 8 Application of diesel contaminated soil shall be terminated within 300 feet of the definable high water mark of perennial and intermittent drainages, irrigation canals, lakes and reservoirs.
- 8 of 8 Only the roads designated in this permit are authorized for application of diesel contaminated soil. 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

4-2-12

Date of Issuance

KJM/JDL/rm/12-0284

STATEMENT OF BASIS

I. General information.

A. Permit Number: 12-105

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.

V. Application requires review to determine groundwater impacts in accordance with Section 15, Chapter III¹. (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.)

¹Sediment ponds, public water supplies, sewerage systems and small wastewater systems are exempt from the requirements of Section 15.

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

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

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

NA

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

NA

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

NA

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

NA

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

NA

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

NA

VII. Documentation of Statement of Basis.

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

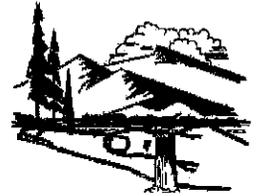
CERTIFICATION

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 Dennis Lamb and Kim Medina, CBM / Oil and Gas Group, and completed on March 29, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

April 16, 2012

CERTIFIED

Country Side Court
Attn: Mr. Jerry McKenna
P. O. Box 2974
Mills, WY 82644
(307) 265-0925

RE: Country Side Court
Draft Permit 12-106, Class V Septic System
Natrona County, Wyoming

Dear Mr. McKenna:

Country Side Court has submitted an application for continued injection of domestic wastewater through an existing septic system. Wastewater is injected into an unnamed aquifer located in Section 13 Township 33 North, Range 80 West, Natrona County, Wyoming. The Wyoming Department of Environmental Quality (WDEQ) intends to renew an underground injection control permit for the facility.

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

If you have any questions, feel free to contact me at (307) 777-6682 or kathy.shreve@wyo.gov. Comments should be submitted in writing to the UIC Program in the Water Quality Division within the next 30 days.

Sincerely,

Kathy Shreve
Environmental Program Principal
Water Quality Division
Wyoming Department of Environmental Quality

KS/rm/12-0336

Enclosures: Draft Permit



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

CLASS V INJECTION WELL

- () New Permit Number 12-106
Previous Permit(s): WQD 78-678, WQD
90-170, UIC 99-15
(X) Modified (Renewal) Facility Number WQS-025-204
State Subclass: 5E3

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

Applicant: Country Side Court
Attn: Mr. Jerry McKenna
P. O. Box 2974
Mills, WY 82644
(307) 265-0925

Country Side Court, hereafter referred to as the permittee, is authorized to continue operating the septic systems located in the SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 13 Township 33 North, Range 80 West, of the 6th Principal Meridian, Natrona County. The permittee is allowed to operate the facility according to the procedures, conditions, and requirements of this permit.

This permit shall become effective on date of issuance.

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

Date

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

Date

KS/rm/12-0336

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A. Discharge Zone

The septic system is authorized to inject 15,400 gallons per day on average (calculated as 80% of maximum) and 19,250 gallons per day maximum (calculated as 55 residences x 350 gallons per day). The primary treated wastewater is injected into the alluvium and colluvium above the Cody Shale, which is found at this location from zero to 55 feet below the ground surface. Saturated groundwater was found at this facility at a depth of 9 feet below ground surface.

B. Well and Area of Review

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

SE¹/₄ of the NE¹/₄ of Section 13 Township 33 North, Range 80 West of the 6th Principal Meridian, Natrona County.

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

The Area of Review is based upon the following assumptions:

Table 1 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	10	Years
Porosity	30	Percent
Maximum Injection Rate	19,250	GPD
Thickness of Receiver	5	Feet
Area of Review	360	Acres
Hydraulic Conductivity	30	Feet/Day

C. Groundwater Classification

The groundwater in the unnamed alluvial aquifer is classified as Class I according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made because the groundwater in this formation is currently being used for domestic purposes at numerous nearby points of withdrawal. Ground water of Class I shall not be degraded to make it unusable as a source of water for this purpose. An aquifer that contains less than 10,000 mg/L total dissolved solids (and is not exempted) can be considered an underground source of drinking water.

D. Authorized Operations

The permittee is authorized to inject 15,400 gallons per day on average and 19,250 gallons per day maximum. The wastewater is produced from a mobile home park that currently contains 55 serviceable mobile home spaces. Injection occurs through two separate leachfields, one serving the mobile homes on the north side of the park, and one serving those on the south side of the park.

This facility is designated as a public water supply system. The current water supply well is located within 200 feet of the closest leachfields. Should any of the leachfields located within 200 feet of the current water supply well fail, the permittee will be required to locate the replacement leachfields more than 200 feet from the current water supply well.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

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

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

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements

1. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.
2. The permittee shall retain records of all monitoring information including all calibration and maintenance records, copies of the reports required by this permit, and records of all data used to complete the application for this permit, for a period of at least three (3) years from the date of the sample measurement, report, or application. This period may be extended by request of the Administrator at any time.

3. The permittee shall use electronic data deliverable (EDD) reporting when required by the Administrator.
4. Records of monitoring information shall include:
 - a. The date, exact place, and time of sampling or measurements;
 - b. The initials or name(s) of the individual(s) who performed the sampling or measurements;
 - c. The date(s) analyses were performed;
 - d. The time(s) analyses were initiated;
 - e. The initials or name(s) of the individual(s) who performed the analyses;
 - f. References and written procedures for the analytical techniques or methods used;
 - g. The results of such analyses, including the bench sheets, instrument readouts, computer disks or tapes, etc., used to determine these results.
5. Monitoring must be conducted according to test procedures approved under 40 CFR Part 136, unless other test procedures have been specified in this permit.
6. The permittee shall retain all records concerning the nature and composition of injected fluids until five (5) years after completion of any specified plugging and abandonment procedures. The administrator may require the owner/operator to deliver the records to the administrator at the conclusion of the retention period.
7. The permittee shall report any noncompliance which may endanger health or the environment within 24 hours from the time the operator becomes aware of the circumstances. The report should include:
 - a. Any monitoring or other information which indicates that any contaminant may cause an endangerment to a usable groundwater of the state;
 - b. Any noncompliance with a permit condition or malfunction of the discharge (injection) system which may cause fluid migration into or between usable ground waters of the state;
 - c. A written submission shall be provided within 5 days of the time the operator becomes aware of the circumstances. This written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected; the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent reoccurrence of the noncompliance.
8. The permittee shall report all instances of noncompliance not reported otherwise, at the time monitoring reports are submitted.
9. The monitoring reports shall be submitted on forms provided by the Department. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of this permit shall be submitted no later than 45 days following each schedule date.

I. Requirements for Monitoring the Discharge

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

Table 2 (Annual Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	ANALYTICAL METHOD	PERMIT LIMIT or UCL
Water Supply Well	Semi-Annually (January – June and July-December)	Ammonia as N	EPA A 4500 NH ₃ G	0.50 mg/L
		Chloride	EPA 300.0	250 mg/L
		Nitrate as N	EPA 353.2	10 mg/L
		E. Coli	EPA 1603, 1604 103.1	0 colony/100 ml
Monitoring Wells "N-1" and "S-2"	Semi-Annually (January-June and July-December)	Ammonia as N	EPA A 4500 NH ₃ G	0.50 mg/L
		Chloride	EPA 300.0	250 mg/L
		Nitrate as N	EPA 353.2	10 mg/L
		Depth to Static Water Level	Steel tape with chalk or electronic tape	N/A
Septic Tanks	Annually	Sludge depth in tank (ft)	Visual	2 feet

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

The septic tank(s) serving the mobile home park are to be inspected annually at a minimum, and must be pumped as necessary. A copy of the invoice for pumping the tanks is to be included with the annual report. All annual reports are to be reported within forty-five (45) days of the last day of the year (February 14th).

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

J. Test Procedures

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

K. Records and Reports

The permittee shall furnish to the Administrator within a specified time any information which the Administrator may request relating to the operation of the facility, including copies of records required to be kept by this permit. The permittee shall retain copies of all records and reports required by this permit for a period of three (3) years following permanent well

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

L. Permit Actions

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

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

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

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

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

M. Abandonment

General Requirements:

1. The permittee shall notify the administrator at least thirty (30) days prior to abandonment of the facility.

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

N. Duties of the Permittee

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

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

O. Signatories Requirement

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

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

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

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

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

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

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

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

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

P. Noncompliance

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

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

Q. Permit Transfer

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

R. Property Rights

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

S. Severability

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

Draft

STATEMENT OF BASIS FOR A UIC PERMIT

I. General information.

- A. UIC Permit Number: **12-106**
- B. Facilities Covered: **Country Side Court**
- C. Class of Facility: **Class V (Wyoming Water Quality Rules and Regulations, Chapter 16)**

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

- | | | | |
|---------------|-----|---------------|-----|
| A. Chapter 8 | Yes | D. Chapter 12 | No |
| B. Chapter 9 | No | E. Chapter 13 | No |
| C. Chapter 11 | Yes | F. Chapter 16 | Yes |

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

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

Yes

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

No

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

Not Applicable

V. Application requires review to determine groundwater impacts in accordance with Wyoming Water Quality Rules and Regulations, Chapter 3, Section 17. Note that sediment ponds, public water supplies, sewerage systems, and small wastewater systems are exempt from the requirements of Section 17. (Indicate either applicable or not applicable. If not applicable delete all of section VI from the Statement of Basis).

Applicable. A groundwater review has been conducted to insure that no groundwater will be impacted by this system.

VI. Documentation of Statement of Basis.

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

VII. Applicant and Public Participation

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

- B. A Public Notice has been issued with a public notice period starting April 20, 2012 and ending on May 21, 2012 (30 day notice as required by Wyoming Water Quality Rules and Regulations, Chapter 16). This notice was published in the Casper Star on or before the start of the public comment period.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Wyoming Water Quality Rules and Regulations, Chapter 16, Section 6. This review was performed by Kathy Shreve, completed on April 13, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis".

STATE OF WYOMING PUBLIC NOTICE

THE PURPOSE OF THIS NOTICE IS TO INDICATE THE STATE OF WYOMING'S INTENTION TO ISSUE AN UNDERGROUND INJECTION CONTROL PERMIT RENEWAL AND TO CLASSIFY THE RECEIVING GROUNDWATER OF THE STATE IN THE VICINITY OF THE PERMITTED INJECTION UNDER THE WYOMING ENVIRONMENTAL QUALITY ACT (35-11-101 ET. SEQ. WYOMING STATUTES 1957, CUMULATIVE SUPPLEMENT 1973), AND DEPARTMENT OF ENVIRONMENTAL QUALITY, WATER QUALITY RULES AND REGULATIONS CHAPTERS 8, 11 AND 16. THIS PERMIT WILL ALLOW THE DISPOSAL OF AN AVERAGE OF 15,400 GALLONS PER DAY AND A MAXIMUM OF 19,250 GALLONS PER DAY OF WASTEWATER AND SEWAGE INTO TWO EXISTING LEACHFIELDS.

PERMIT NUMBER: 12-106; PERMITTEE NAME: Mr. Jerry McKenna, P. O. Box 2974 Mills, WY 82644; PHONE: (307) 265-0925; FACILITY NAME AND LOCATION: Country Side Court, located in SE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 13 Township 33 North, Range 80 West, of the 6th Principal Meridian, Natrona County. The permit proposes to authorize the injection of an average of 15,400 gallons per day (gpd) and a maximum of 19,250 gpd of primary treated domestic waste into two existing leachfields. These leachfields receive domestic waste from a 55-unit mobile home park. The primary treated wastewater is injected into an unconfined alluvial aquifer. The groundwater is 9 feet below ground surface at the injection locations.

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

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

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

PUBLIC COMMENTS on the proposed permit and the proposed groundwater classification should be submitted in writing and addressed to: Kathy Shreve, Wyoming Department of Environmental Quality, Water Quality Division, Herschler Building, 4th Floor West, 122 West 25th Street, Cheyenne, Wyoming 82002; or by FAX to (307) 777-7610. Comments submitted by email *will not* be considered. All written comments received prior to 5:00 P.M, May 21, 2012 in the Cheyenne office will be considered.

Any person may request in writing (prior to the end of the public comment period) that a public hearing be held. Requests should indicate the name and full mailing address of the individual requesting a hearing, the interest that individual has in the project, and the grounds for holding a public hearing.

If a hearing is not warranted, the final permit will be issued at the end of the public comment period.

Public Notice 12-106

Publish on or before April 20, 2012 (Casper Star)



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 2, 2012

Roberta Noyce
P.O. Box 3055
Aladdin, WY 82710

RE: Noyce Small Wastewater System
Application No. 12-107, Crook County

Dear Ms. Noyce:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon septic tank discharging into a chamber bed system of 25 Biodiffuser standard chambers, for a three bedroom home located in the SE ¼, Section 28, Township 54N, Range 61W, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

1. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.

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

Sincerely,

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

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





Department of Environmental Quality

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Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

May 1, 2012

Thomas Heyob
1906 Marlinda Way
El Cajon, CA 92021

RE: Heyob Small Wastewater System
Application No. **12-108, Crook County**

Dear Mr. Heyob:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,500 gallon Boom Concrete septic tank discharging into two trenches containing 21 total Biodiffuser standard unit chambers, for a three bedroom home located in the NE ¼, **Section 30, Township 53N, Range 60W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 11, Part D** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 31, 2013**.

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

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

Additionally, the following permit condition applies:

1. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.
2. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
3. All waterline and sanitary sewer crossings less than 18 inches in depth must be backfilled with flow-fill or the waterline must be encased in a larger diameter pipe at the crossing.

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

Sincerely,

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

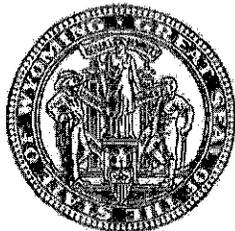
cc: IPS, Cheyenne
WDEQ Casper File
Tim Lyons, Crook County Growth and Development
Brian Meredith, 1717 Country School Place, Spearfish, SD 57783

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 2, 2012

Jerry Kienlen, President
Split Rock Land and Cattle Company
1523 S. Flat Rd.
Worland, WY 82401

RE: Kienlen Addition Phase 2, 6 inch water Main,
DEQ Permit #12-109
Located in Washakie County, Latitude 44.021443°, Longitude -107.965244°, Sections
24 & 25, T47N, R93W

Dear Mr. Kienlen,

This project consists of the installation of approximately 440 linear feet of 6 inch C900 SDR25 PVC water main with fire hydrant, to serve five lots of the Kienlen addition to the City of Worland

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

You are authorized to construct, the facility in accordance with the the materials submitted in your application package and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems. Construction shall be completed by October 31, 2014

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

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

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

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

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

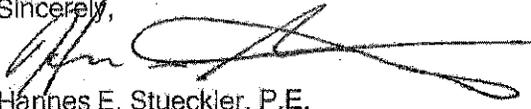
LAND QUALITY
(307) 332-3047
FAX 332-7726

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

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



Sincerely,



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

xc: PDF to Cheyenne
David W. Anderson, P.E., Donnell and Alfred, Inc., 908 Big Horn Ave., Worland, WY 82401

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-110

Riverton Phase 2 JCC 2.0 MG Water Tank
PWS #WY5600047

This permit hereby authorizes the applicant:

C. Dawn Willhelm, P.E., Utility Division Manager
City of Riverton
816 North Federal Boulevard
Riverton, WY 82501

to construct a 2.0 million-gallon storage tank to serve upper pressure zones within the City of Riverton, according to the procedures and conditions of the application number 12-110. The new storage tank will be located near existing Well #17 and will serve the Job Corp Center area as well as upper pressure zones around the northwest area of the city. This project is located at latitude 43.073 and longitude -108.421. All construction, installation, or modification allowed by this permit shall be completed by April 30, 2015.

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

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

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

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

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

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

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

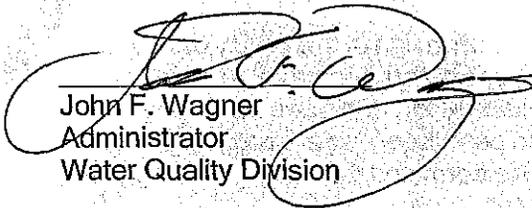
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

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

5-18-12
Date of Issuance

JSB/rm/12-0443

STATEMENT OF BASIS

1. Permit Number: 12-110
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? No
A variance is hereby granted to Chapter 12, Section 13(a)(vi) which requires that the overflow outlet terminate between 12 and 24 inches above the ground surface and that the overflow pipe be properly fitted with a non-corrodible screen. This variance is justified because an inline check valve is installed at the end of the overflow pipe. Also the height difference between the tank's high water level (i.e., beginning of overflow) and the termination where the overflow daylight is forty-eight (48) feet over which back siphonage is impossible.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James Brough, james.broug@wyo.gov, Northwest District Engineer and completed on May 2, 2012. 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: Andy Hundley, P.E., Burns & McDonnell Engineering, 9785 Maroon Circle, Suite 400, Centennial, CO 80112

F:\division\WQDIW&WW Section\2012 Permits & Reviews\JSB_12-110_PC Riverton JCC 2MG Tank.doc

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-111

Town of Jackson - Budge Drive Pump Station and Water and Sewer Improvements Project
PWS #WY5600213

This permit hereby authorizes the applicant:

Shawn O'Malley, Engineer
Town of Jackson
P.O. Box 1687
Jackson, WY 83001

to construct a water supply booster station, a pressure reducing valve station, 1365 feet of 12 inch water Main, 1265 feet of 8 inch sewer main and miscellaneous other water system modifications, according to the procedures and conditions of the application number 12-111. This project is located at SE1/4, NE1/4, S32, T41N, R116W, 6th Principal Meridian (Lat 43.4746°, Long -110.7824°) in the county of Teton, in the state of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 31, 2014 up up.

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

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

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

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

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

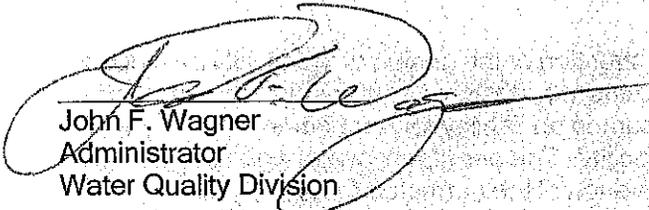
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

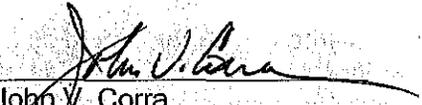
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

5-21-12
Date of Issuance

HES/rm/12-0446

STATEMENT OF BASIS

1. Permit Number: 12-111
2. Application reviewed for compliance with the following regulations:
Chapters 3, 11 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.

No
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Hannes E. Stueckler P.E., hannes.stueckler@wyo.gov, Assistant Northwest District Engineer and completed on April 11, 2012. 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: David A. Dufault, P.E., Nelson Engineering, P.O. Box 1599, 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.



Matthew H. Mead, Governor

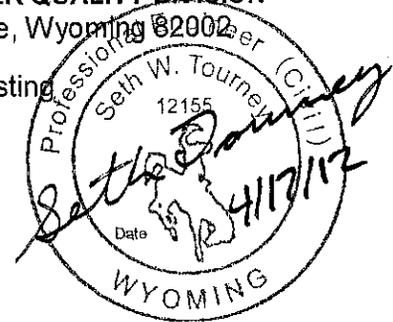
John Corra, Director

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Baggs Phase II Pretreatment System Pilot Testing
ENGINEER: Ryan Duve (Lidstone and Associates)
APPLICANT: Kathy Staman (Town of Baggs)

WATER QUALITY DIVISION REFERENCE NUMBER: 12-112
REVIEWING ENGINEER: Seth W. Tourney
DATE OF REVIEW: April 17, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS

Water Treatment Plant Pretreatment System Pilot Study Design Report and the Addendum to Baggs Pretreatment Pilot Study

- Under the DEQ Water Quality Rules and Regulations Chapter 3 Section 7(g), it states, "All plans, specifications and reports submitted under this chapter shall be sealed, signed, and dated by a licensed professional engineer under W.S. Title 33, Chapter 29 and/or by a licensed professional geologist under W.S. Title 33, Chapter 41, as applicable. The proposed addendums are not sealed, signed, and dated by a licensed professional engineer. Please provide.
- During our phone conversation on April 17, 2011, you indicated that there are two addendums to the pilot study. Please provide the first addendum, and written clarification for documentation purposes. It may be beneficial to provide the second addendum in a letter format.
- In the original design report under Appendix G, the schematics indicate pH adjustment at the location of the coagulant. If there is intended to be pH adjustment, what chemicals and chemical feed equipment will be used? Is there equipment currently available on-site for pH adjustment, and what are the parameters requiring pH adjustment?
- On page 3 (Section 3.0), it states, "One to two hours of detention time is needed for the potassium permanganate to effectively oxidize Fe and Mn when

Reviewed by Seth Tourney, Phone 307-777-7088, email seth.tourney@wyo.gov Page 1 of 5

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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5. complicated with organics." Please provide the literature reference or appropriate analysis documentation for this statement.
6. On page 18 (Section 6.0), it states, "The Town will operate the MRI unit on a continuous basis without shutting down and disrupting the settling process." Per our phone conversation on April 17, 2012, Ryan indicated that the water treatment plant starts up and shuts down depending on the storage in the water tank. Please indicate the start up and shut down effects on the system.
7. In the report it shows the greensand filters in the schematic for the MRI option. Per our phone conversation on April 17, 2012, Ryan indicated that these greensand filters are not installed on-site at this time. In the future, the construction of the greensand filters will require a Permit to Construct from the Wyoming Department of Environmental Quality.
8. For my reference, it appears that there are two banks for ultrafiltration (UF) running in parallel. Per our phone conversation on April 17, 2012, Ryan indicated that the operator is either operating the membranes one at a time or in parallel. These membranes are not in series.
9. On the unsealed addendum, it should be formatted correctly to identify Section 7.0.
10. On the unsealed addendum, Section 2.0 states, "The Town will conduct testing between April 9, 2012 and October 1, 2012." Section 6.0 states, "Final results of the pilot study will be reported by September 30, 2012 to both the EPA and DEQ." Per our phone conversation on April 17, 2012, Ryan indicated that the design report will be reported to EPA and DEQ by September 30, 2012. Please provide a revised schedule.
11. On the unsealed addendum, Section 6.0 states, "The Town's goal is to conduct jar testing daily for a basis of determining chemical dosages and make additional adjustments based on visual observations and performance." In reporting the results, please provide a log and documentation for the jar testing.
12. On the unsealed addendum under the Sampling Plan Item 7, it states, "For example, if the Infiltration Gallery sample is taken at 8:00 AM and the detention time through the MRI is 60 minutes, then the Post MRI sample should be taken at 9:00 AM." This example does not account for the oxidation/contact tank. Stated in the fourth paragraph on page 1, it indicates that oxidation/contact tank has a contact time of 50 minutes and the MRI unit provides a minimum of 52 minutes of detention time.

13. On the unsealed addendum under the Sampling Plan Item 9, it states that the DBP Formation Potential samples will only be taken as one sample during spring runoff and one sample in summer.

- a. It should be acknowledged that total organic carbon (TOC) is one indicator of disinfection by product precursors (DBPP). However, TOC does not indicate the reactivity level with chlorine disinfection to form disinfection by products (DBPs). Per our phone conversation, Ryan indicated that the current plan was to monitor TOCs and report only two DBP Formation Potentials at the end of the study.
- b. Please provide a plan to address the additional monitoring and removal of DBPPs from the water treatment train, in case the DBP Formation Potentials indicate that the total trihalomethanes (TTHMs) and the five haloacetic acids (HAA5s) will exceed the National Primary Drinking Water Standards (NPDWS).
- c. Currently, the entire purpose of this study is to establish a relationship between the pretreatment system and the disinfection by products, which currently have placed the Town of Baggs under an Administrative Order by EPA. It is strongly recommended to provide a DBP Formation Potential sample weekly to determine a relationship between the coagulant dosage, TOC levels, and the DBP Formation Potentials. Since this pilot study involves intensive sampling efforts, it may be considered more cost effective to perform the DBP Formation Potential and TOC sampling at the same time.

14. On the unsealed addendum, please inform us on the measurement equipment and techniques intended to be conducted by the plant personal:

- a. In measuring the turbidity, please indicate the make and model of the online and grab sample turbidity meters. Please reference any standard supporting the measurement operation.
- b. In measuring the alkalinity, please indicate the methods and procedures to be used for this operation. Please reference any standard supporting the measurement operation.
- c. In measuring pH, please indicate the make and model of the equipment or materials being used. Please reference any standard supporting the measurement operation.
- d. In measuring Iron (Fe) and Manganese (Mn), it indicates on page 19 under item 4 that a pocket colorimeter was being utilized. Please indicate the procedure, equipment (make and model), and any standard for the procedure. Please reference any standard supporting this measurement operation.
- e. In the Infiltration Gallery sample location, please provide a colored label on the photograph for the Raw Water Building to indicate the sample location and the direction of flow.

- f. In the Post MRI sample location, please clearly state if this is upstream or downstream of the pump on the pump skid? On the photograph for Post MRI, provide a colored label to indicate this location, the pump, and the direction of flow.
- g. In the Membrane sample location, please clearly state if this is upstream or downstream of the clearwell. On the photograph for Post Membrane, please provide a colored label indicating the sample location.
- h. In the original intent of the pretreatment study, there was a desire to protect the membrane filters. Would it be in the best interest of the Town to test for total dissolved solids (TDS)?

15. In reporting the operations of your pilot study, please report the following during the pilot plant operations:

- a. In the Flocculation Tank, report the velocity gradient (G value). See Chapter 12 Section 10 (d)(ii) for additional information.
- b. In the Flocculation Tank, report detention time. See Chapter 12 Section 10 (d)(i) for additional information.
- c. In the sedimentation basin, report the Loading Rate. Please see Chapter 12 Section 10 (e)(ii) for additional information.
- d. In the sedimentation basin, report the settling basin velocity. Please see Chapter 12 Section 10 (e)(vii) for additional information.
- e. For the contaminant sampling, please provide the following:
 - i. Report and identify the daily measurements taken by the treatment plant operators or Lidstone and Associates.
 - ii. Report and identify the certified lab results.
 - iii. Summarize the data on the certified lab results supporting or not supporting the measurements taken onsite.

Meurer Research, Inc. Pretreatment System Pilot Study Results

16. In the Meurer Research, Inc. Pretreatment System Pilot Study Results prepared by Lidstone and Associates in November 2011, it states on page 4, "Records indicate that the infiltration gallery removes up to 50% of the turbidity prior to delivery to the plant." Please provide supporting records or a summary of the supporting records.

17. In the Meurer Research, Inc. Pretreatment System Pilot Study Results prepared by Lidstone and Associates in November 2011, please report the units on the permeability results on the membranes.

18. In the Meurer Research, Inc. Pretreatment System Pilot Study Results prepared by Lidstone and Associates in November 2011, it states, "The Town performed daily integrity tests on the membrane filters to determine if there were any failed

PROJECT: Town of Baggs Phase II Pretreatment System Pilot Testing
DATE OF REVIEW: April 17, 2012

fibers." What methods and procedures did the town use to conduct this integrity test?

19. In the Meurer Research, Inc. Pretreatment System Pilot Study Results prepared by Lidstone and Associates in November 2011, it mentions that the excessive particle exposure was determined to be primary cause of particle failure on the membranes, with Iron (Fe) and Manganese (Mn) being potential other causes. For documentation purposes per our phone conversation on April 17, 2012, there was a report done by Forsgren and Associates. The influent on the membranes should be limited to a maximum spike of 70 NTU.

20. In the Meurer Research, Inc. Pretreatment System Pilot Study Results prepared by Lidstone and Associates in November 2011, I have the following comments for Table 1:

- a. Does not indicate any pH adjustment. Thus, it is assumed that there is no pH adjustment occurring in the treatment plant.
- b. Another recommendation, I noticed that the Iron has been listed as zero. In the limits of measuring equipment, it may be preferred to indicate "ND" or Non Detect instead of stating that all of the iron has been removed.

END OF REVIEW

SWT/rm/12-0337



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 2, 2012

Attn: Kathy Staman, Mayor
Town of Baggs
130 South Penland Street
P.O. Box 300
Baggs, Wyoming 82321

RE: Town of Baggs Phase II Pretreatment System Pilot Testing
Application No. **12-112, Carbon County**

Dear Ms. Staman:

The above application for coverage under **General Permit to Construct** and Operate a Pilot Plant to determine the correlation between raw water TOC and finished water disinfection byproducts located in the **Sections 5 and 8, T12N, R91W, Carbon County**, 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, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. The Disinfection Byproduct (DBP) Formation Potential samples will be collected and analyzed for at least four weeks during the spring runoff when turbidity is the highest and at least four weeks during the summer peak temperatures in the raw water intake from the Little Snake River or the adjacent infiltration galleries. The DBP formation Potential samples shall be taken along with the total organic carbon (TOC) samples.
2. The design report will be reported to the Environmental Protection Agency (EPA) and Wyoming Department of Environmental Quality by September 30, 2012.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **March 31, 2013.**



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

Please reference Application No. **12-112** in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Seth Tourney".

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

SWT/rm/12-0393

Enclosures: Certificate of Completion form

cc: IPS, Baggs
Ryan Duve, Lidstone and Associates, 4025 Automation Way, Bldg. E, Fort Collins, CO
80525

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-113

CHEYENNE-BOPU-2012 WELL REHAB,
PWS WY5600011

This permit hereby authorizes the applicant:

CITY OF CHEYENNE BOPU
2100 PIONEER AVE
CHEYENNE, WY 82001

to construct, install or modify a replace pump controls, VFD'S, scada, level transducers according to the procedures and conditions of the application number 12-113. The facility is located in the T13N R68W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed March 30, 2014.

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

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable 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.

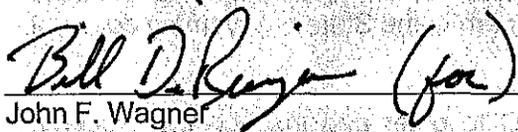
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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.

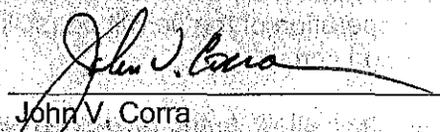
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 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 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 4-2-12

RRC/rm/12-0286

STATEMENT OF BASIS

1. Permit Number: **12-113**
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 12
3. Does the permit comply with all applicable regulations identified above?
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.
Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Richard Cripe P.E., Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on March 30, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 11, 2012

Town of Pine Bluffs, Wyoming
Attn: William Shain, Mayor
220 Main Street
Pine Bluffs, WY 82082

RE: Pine Bluffs Water System Improvement Project,
Application No. **12-114, Laramie County**

Dear Mayor Shain:

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** encompassing a Base construction project and up to five Alternative(1-5) add-on construction segments was submitted for review. The base project plus all five alternatives consisting of a total of approximately 7470 feet of 6" & 7195 feet of 8" PVC C-900 water pipe, gate valves as indicated, ten fire hydrants, and four reduced pressure principal backflow prevention devices, located in parts of Sections 10, 14, & 15, T14N, R60W, Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **April 11, 2017.**

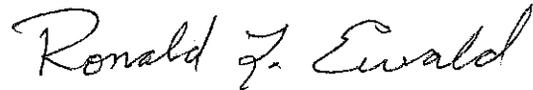
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp



Please reference Application No. **12-114** in any future correspondence.

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

Sincerely,

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

Ronald L. Ewald
Assistant Southeast District Engineer
Water Quality Division

RLE/rm/12-0309

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
John Goin, Lidstone and Associates, Inc., 4025 Automation Way, Bldg E., Ft. Collins, CO
80525



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 17, 2012

Town of Lusk

Attn: Todd Skrukud, Water & Sewer Superintendent
P.O. Box 390
Lusk, Wyoming 82225

RE: Sewer Lagoon Diversion Box Replacement,
Application No. 12-115, Niobrara County

Dear Mr. Skrukud:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of an Existing **Sewage Collection System** consisting of remove and replace sewer lagoon #1 west dike diversion box, located in the **SW¼, Section 16, T32N, R63W, Niobrara County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 17, 2014.

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

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

Please reference Application No. 12-115 in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Assistant Southeast District Engineer
Water Quality Division

RLE/rm/12-0434

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Frank Strong, M.C. Schaff & Associates, 2116 Pioneer Ave., Cheyenne, WY 82001

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-8462	AIR QUALITY (307) 777-7391 FAX 777-6616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7781 FAX 777-6973
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REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Sewer Lagoon Diversion Box Replacement

LOCATION: SW¼, Section 16, T32N, R63W, **Niobrara County**

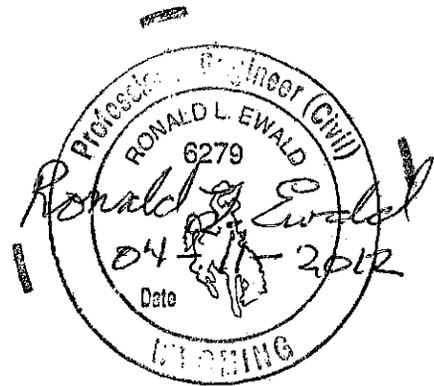
ENGINEER: Frank Strong
M.C. Schaff & Associates
2116 Pioneer Avenue
Cheyenne, WY 82001
Ph: (307) 635-2828

APPLICANT: Town of Lusk
Attn: Todd Skrukud, Water & Sewer Superintendent
P.O. Box 390
Lusk, Wyoming 82225
Ph: (307) 334-3622

WATER QUALITY DIVISION REFERENCE #: 12-115

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

DATE OF REVIEW: April 11, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. No Engineering Design Report - there was no Engineering Design Report(EDR) included with the application as required by Wyoming Water Quality Rules & regulations(WWQR&R), Chapter 11, Section 6. To briefly summarize Section 6, the scope and purpose of an EDR is to describe existing conditions, problems, and the proposed solution. The proposed solution does not mean just a set of plans, it includes a description of how the proposal is supposed to work. Without an EDR to explain what and why specific components are as shown, the following question cannot be confidently answered by this reviewer:
 - a. Where is the pipe on the diversion box-section B?
 - b. On the diversion box-section A drawing, why would the water being discharged upward from the pump station forcemain pipe magically stay at 4997.03 feet elevation when there is such a small center space volume to contain a surge when the pump station turns on?
 - c. What is the purpose of the plug valve in the 5 ft I.D. manhole since it is a straight through pipe? If the plug valve is closed where will the effluent that would have flowed into the manhole back-up to?

2. Diversion Box and Manhole Detail Sheet Questions(Sheet D-2) -
 - a. Where is the pipe on the diversion box-section B?
 - b. On the diversion box-section A drawing, why would the water being discharged upward from the pump station forcemain pipe magically stay at 4997.03 feet elevation when there is such a small center space volume to contain a surge when the pump station turns on?
 - c. What is the purpose of the plug valve in the 5 ft I.D. manhole since it is a straight through pipe? If the plug valve is closed where will the effluent that would have flowed into the manhole back-up to?

3. Piping and Flow Questions(Sheet D-1) -
 - a. The plan shows the new diversion box located 10 feet upflow from the manhole with only one outflow from the diversion box and two outflows from the manhole. The new 6" sanitary sewer bypass pipe is coming out of the manhole and not out of the diversion box. This whole headworks arrangement seems backwards to me.
 - b. The plans say to remove and replace the diversion box located at the west dike of Lagoon #1. Is this where the new diversion box is to go? I thought it was to go at the head end of the new 6" sanitary sewer pipe.
 - c. What is the design, size, and diversion features of "Diversion Box #2" located on the south dike of Lagoon #1? Does diversion box #2 have the capacity and flow arrangement to divert slug flow from the pump station to Lagoon #2 without overflowing?

If you have any questions about my questions and concerns, please call me or email me at the information on the front page.

END OF REVIEW

RLE/rm/12-0313

REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Glendo Business Park Infrastructure, Platte, County
ENGINEER: Thomas Watson, WWC Engineering
APPLICANT: Susan Juschka (Town of Glendo)

WATER QUALITY DIVISION REFERENCE NUMBER: 12-116
REVIEWING ENGINEER: Seth W. Tourney
DATE OF REVIEW: April 24, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS

1. On Drawing G-3, it states, "HGL does not converge because of 1834' of existing force main." Please explain what this is intended to converge with? Please provide hydraulic calculations supporting the hydraulic grade lines.
2. On Drawings FM-1, FM-2, SA-1, and SA-2, there are water services underneath the sanitary sewer main. Please flowfill or encase these water services for adequate protection to the public water supply.
3. On Drawing C-2, the concrete flat work appears to be flat in grade. This may be prone to icing conditions in the winter. It is recommended to place some slope on the flatwork to discourage puddling and icing hazards.
4. On Drawing C-3, the maximum allowable spacing for the steps in the manholes is 16 inches (See Chapter 11 Section 9(d)(vi)). Please specify on the drawings.
5. On Drawing C-3, the minimum manhole interior size is four feet (See Chapter 11 Section 9(d)(ii)). Please specify on the drawings.
6. On Drawing D-2, is Detail 4 appears to be installing the new manhole and connecting the existing force main inside the new manhole. Will the new manhole be casted in place?
7. In the electrical drawings, it did not indicate a separate start/stop device for each pump (See Chapter 11 Section 10(f)(ii)). Please provide this information.

8. In the electrical drawings nor lift station details, it did not indicate the location or type of audio and visual alarms, if the system is serving less than 0.5 MGD (See Chapter 11 Section 10(f)(iv)). Please provide this information.

9. On Drawing E-2, the Specific Electrical Notes #5 refers to the civil drawings for the wire float system. It did not seem to be indicated in the civil portion of the drawings.

10. Sewer Flow Rates:

- a. In Appendix A, it indicates that Kevin James of WDEQ calculated the flow rates of the existing service area. In Appendix A Attachment A, it indicates that the calculations were received from DEQ on August 2011. There does not appear to be a Kevin James who works for Wyoming DEQ or licensed within the State of Wyoming. Please provide more information on the source of these calculations.
- b. In the calculations performed by Kevin James, the estimated peak flow rate for the town was approximately 83 gpm. Then it indicates that the 1/3 of the town flows to the north pump, which means 28 gpm contributes flow to the lift station. Please provide more information on the justification of the 1/3 estimate.
- c. In Appendix A Attachment B, the design provided flows appear to indicate that 35.5 gpm contributing flow from the proposed lots and existing flows. However in Appendix B, the pump sizing was designed for 28 gpm, which is less than the contributing flow rate.

11. Pumps:

- a. What is the pump curve for the submersible pumps?
- b. What is the Net Positive Suction Head Required (NPSHR) for the pumps? (See Chapter 11 Section 10(a)(viii))
- c. If it is intended to use the existing pumps, please provide existing elevations and data to support the response to comments 8(a) and 8(b).

12. The pumping operation for the wetwell levels was not provided. Please indicate the setting elevations for the pump cycles, including minimum water level, maximum water level, and lead pump settings if applicable. Please note that the alarm system shall indicate the high wetwell level (See Chapter 11 Section 10(f)(iv)).

END OF REVIEW

SWT/rm/12-0371

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-117

Rock Springs - Water Quality Improvements Projects
PWS WY5600048

This permit hereby authorizes the applicant:

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

to construct chlorine injection and residual monitoring throughout the Rock Springs Transmission and Distribution System according to the procedures and conditions of the application number 12-117. The facilities are located in and near the City of Rock Springs at the College Hill Pump Station in Sec 27, T19N, R105, at the Eastside Pump Station in Sec 2, T18N, R105, at the White Mountain Pump Station in, Sec 16, T19N, R105W, at the Wind River Pump Station in Sec 32, T19N, R105W, and at the Industrial Pump Station in Sec 4, T18N, R105W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 8, 2014.

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

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

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

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

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

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

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

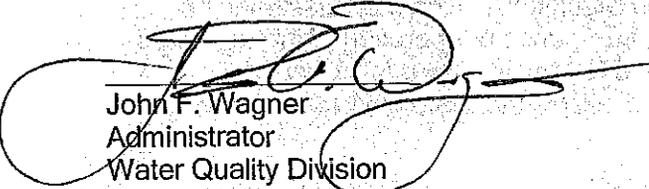
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

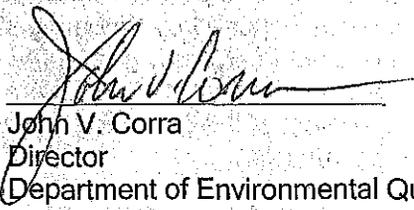
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 510 Meadow View Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-7726, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

5-17-12
Date of Issuance

MDB/rm/12-0433

STATEMENT OF BASIS

1. Permit Number: 12-117
2. Application reviewed for compliance with the following regulations:
Yes. Chapters 3, 11 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Wastewater from chlorine analyzers at both the Eastside and Wind River, Pump Stations will be discharged onto the ground surface near the pump stations. Discharge locations were checked by the WYPDES Section and where found not to require a discharge permit. The discharged wastewater consists of safe drinking water. Chapter 11, Section 55 allows for the land application of this wastewater.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mark.baron@state.wy.us, Southwest District Engineer and completed on May 8, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 23, 2012

Attn: Cal Van Zee, Utilities Supervisor
P.O. Box C
Laramie, WY 82073

RE: 2012 Alley Rehab (SPT Phase 2, Schedules 7 & 8),
Application No. **12-118, Albany County**

Dear Mr. Van Zee:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of replacing approximately 3200 lineal feet of water main, and Existing **Sewage Collection Systems** consisting of replacing approximately 2400 lineal feet of sanitary sewer main located in the **Northeast ¼, Section 4, T15N, R73W** and the **Northwest ¼, Section 3, T15, R73W, Albany County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. Section 2665 E.6 – Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **May 22, 2017.**

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7389 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7781 FAX 777-5973
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This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **12-118** in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Seth Tourney".

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

ST/bb/12-0450

Enclosures: Certificate of Completion form

cc: IPS, Laramie
Larry Ketcham, City of Laramie, P.O. Box C, Laramie, Wyoming 82073

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

PROJECT: 2012 Alley Rehab (SPT Phase 2, Schedules 7 & 8)

LOCATION: NE¼, Section 4, T15N, R73W,
NW¼, Section 3, T15N, R73W,

Albany County

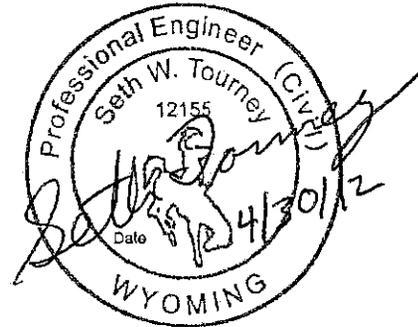
ENGINEER: Larry Ketcham

APPLICANT: City of Laramie

WATER QUALITY DIVISION REFERENCE #: 12-118

REVIEWING ENGINEER: Seth Tourney
Phone: (307) 777-7088

DATE OF REVIEW: April 30, 2012



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

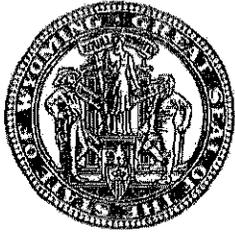
COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Under the DEQ Water Quality Rules and Regulations Chapter 3 Section 7(g), it states, "All plans, specifications and reports submitted under this chapter shall" be sealed, signed, and dated by a licensed professional engineer under W.S. Title 33, Chapter 29 and/or by a licensed professional geologist under W.S. Title 33, Chapter 41, as applicable. The proposed plans and specifications are not sealed, signed, and dated by a licensed professional engineer. Please provide three (3) copies. Three (3) copies are required per DEQ Water Quality Rules and Regulations Chapter 3 Section 7(e).

2. Please provide an engineering report, which describes how the proposed design will provide adequate flow rates and pressures to the fire hydrants and residential/commercial demand.
 - a. It would be beneficial to describe the existing mains that are being abandoned.
 - b. It would be beneficial to discuss, if the dual check valves provided in the meter pits are an adequate backflow protection for all of the service lines in this project.
3. In SPT Phase 2, Schedule 7, Sheet U-5, the gas man is located directly in line with the water main. What is the procedure for constructing the water main?
4. In SPT Phase 2, Schedule 8, Sheet U-1 thru U-6, the slopes or distances on the sanitary sewer main are not listed.
5. In SPT Phase 2, Schedule 8, Sheet SD-3, Water Line Note #20 mentions new construction for both commercial and residential building shall include interior meter sets. How does this address backflow protection? Please clarify.
6. In SPT Phase 2, Schedule 8, Sheet SD-3, Water line Note #17 mentions that meter pits are to be installed in replacement of existing pits only. How does the project address backflow protection in the instances without backflow protection? Refer to Chapter 12 Section 14(i)(i)(A) in the rules and regulations for more information.
7. Comment Numbers 5 and 6 apply to SPT Phase 2, Schedule 7 as well.
8. Would the City of Laramie like to consider backflow protection on the temporary water lines mentioned in Section 02665 of the Specifications?

END OF REVIEW

SWT/rm/12-0390



Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 18, 2012

Tom Rosztoczy, President
Greenline Equipment Company
11111 W. McDowell Road
Avondale, AZ 85392

RE: Greenline Equipment Septic System
DEQ Permit #12-119
Located in Fremont County, NE1/4, S15, T1N, R4E, Lot 1 Jennings Subdivision

Dear Mr. Rosztoczy,

This project consists of the installation of a septic tank and leachfield for the commercial retail operation of the John Deere facility. The system will serve approximately 15 employees.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package and the **General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility**. Construction shall be completed by October 31, 2014

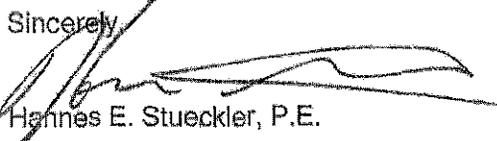
Your attention is directed to the attached Certificate of Completion form, which is to be submitted within 60 days of the completion of the aforementioned project.

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

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

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

Sincerely,


Hannes E. Stueckler, P.E.

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

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

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

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

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

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





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 29, 2012

Cheyenne Board of Public Utilities

Attn: Brad Brooks, Operations and Maintenance Manager
2100 Pioneer Avenue
Cheyenne, Wyoming 82001

RE: Pressure Management Project Phase-1
Application No. **12-120, Laramie County**

Dear Mr. Brooks:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of installing four (4) pressure reducing valves and approximately 4,600 lineal feet of PVC water main located in the **Northeast ¼, Sections 20, T14N, R66W, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. In the event that the water service is accessed for filling water hauling equipment, an air gap or reduced pressure-principal backflow preventions shall be installed and utilized accordingly.
2. Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 29, 2017.

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6146 FAX 777-8462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **12-120** in any future correspondence.

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

Sincerely,



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

SWT/rm/12-0465

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Jack Meena, States West Water Resources Corporation, 1904 East 15th Street, Cheyenne,
Wyoming, 82001



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 11, 2012

Attn: David Andrews, Public Works Director
P.O. Box 417
Glenrock, Wyoming

RE: Town of Glenrock Highway 95 Commercial Service Tap,
Application No. **12-121, Converse County**

Dear Mr. Andrews:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of installing a 2-inch diameter water service with a double check valve located in the **Southwest 1/4, Sections 8, T33N, R75W, Converse County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

1. In the event that the water service is accessed for filling water hauling equipment, an air gap or reduced pressure-principal backflow preventions shall be installed and utilized accordingly.
2. In the event that the water service will be access for any activity with a high health hazard in accordance with AWWA M14 "Recommended Practice for Backflow Prevention and Cross-Connection Control," the appropriate backflow protection shall be installed and utilized accordingly.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by April 11, 2017.

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6482	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5673
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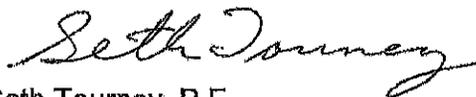


This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

Please reference Application No. **12-121** in any future correspondence.

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

Sincerely,



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

SWT/rm/12-0313

Enclosures: Certificate of Completion form

cc: IPS, Glenrock
Tom Brauer, CEPI, 6080 Enterprise Drive, Casper, Wyoming 82609



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

September 5, 2012

Menard Inc.

Attn: Troy Anderson, GM
5101 Menard Drive
Eau Claire, Wisconsin 54703

RE: Menards Cheyenne – Water & Sewer Extensions,
Application No. 12-122, Laramie County

Dear Mr. Anderson:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of Existing Public **Water Supply Distribution Systems** consisting of approximately 1292 feet of 8" and 2519 feet of 12" C-900 PVC waterline, 468 feet of 6" D.I.P. Class 52 fire line, gate valves as indicated, and 12 new fire hydrants, and Existing Sewage Collection Systems consisting of approximately 2348 feet of 8" PVC SDR-35 sanitary sewer line, and 12 new manholes, located in the **NE¼ of Section 28, T14N, R66W, Laramie County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with, **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by September 5, 2014.

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

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

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

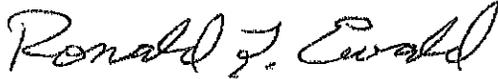
ADMIN/OUTREACH (307) 777-7758 FAX 777-7602	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-6610	INDUSTRIAL SITING (307) 777-7389 FAX 777-6937	LAND QUALITY (307) 777-7766 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6979	WATER QUALITY (307) 777-7781 FAX 777-6973
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Please reference Application No. 12-122 in any future correspondence.

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

Sincerely,



Ronald L. Ewald
Assistant Southeast District Engineer
Water Quality Division

RLE/rm/12-0805

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
Chuck Brandel, I&S Group, Inc., 115 E. Hickory Street, Mankato, MN 56001
Herman Noe, Engineering Manager, Cheyenne Board of Public Utilities, 2100
Pioneer Avenue, Cheyenne, Wyoming 82001

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

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Menards Cheyenne – Water & Sewer Extensions

LOCATION: ?? ¼, Section ??, T??N, R??W, Lot 2, Block 2, Cahill Park Addition
Laramie County

ENGINEER: Chuck Brandel
I&S Group, Inc.
115 E. Hickory Street
Mankato, MN 56001
Ph: (507) 387-6651

APPLICANT: Menard Inc.
Attn. Troy Anderson, GM
5101 Menard Drive
Eau Claire, WI 54703
Ph: (715) 876-2226

WATER QUALITY DIVISION REFERENCE #: 12-122

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

DATE OF REVIEW: April 23, 2012



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

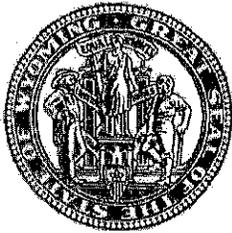
COMMENTS, INADEQUACIES, AND QUESTIONS:

1. No Engineering Design Report - the application package did not contain what the Wyoming Department Of Environmental Quality(DEQ) refers to as an Engineering Design Report(EDR). The application package did contain a detailed *Drainage Report* which is not relevant to reviewing the water and sewer system design. The report also contained a detailed *Geologic and Preliminary Geotechnical Investigation* report, which is also not relevant to reviewing the water and sewer system design. However, the report that is needed, and required, an EDR is missing.

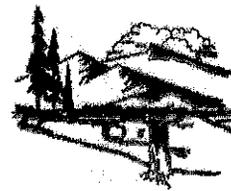
The type of information that should be included in an EDR for water & sewer extensions is described in Section 6, in both Chapter 11 and Chapter 12, of the Water Quality Rules & Regulations(WQR&R). To briefly summarize what an EDR should include; it should describe the purpose and scope of the project, existing conditions, problems, and the proposed solutions. This should include, but is not limited to, calculations of flow rates and loads, pipe size justifications, slopes, bury depths, and the analysis of water system pressures under normal and fire flow operating conditions over a site with more than 20 feet in elevation differences. The EDR should also provide a brief narrative description of where new water and sewer lines tie into existing pipes and where they go from there. Basically, what is needed are calculations and technical justifications as necessary, and descriptions to supplement and fill out the overall picture of the project.

2. Project Location - what ¼ section, Section, Township, and Range is this project located in?

RLE/bb/12-0365



Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 16, 2012

Polly Friess, Owner
Core Ventures, LLC
P.O. Box 11655
Jackson, WY 83002

RE: Pioneer Classical School Sewer Service
DEQ Permit #12-123
Located in Teton County, (NE1/4, S23, T41N, R117W, Lot 1, Seaton Subdivision)

Dear Ms. Friess,

This project consists of the installation of a 6 inch sewer main from the street to the north to a 4 foot manhole Northwest of the school building. A 4 inch service lateral will extend from the school building to the sewer main just north of the manhole. The 4 inch service lateral will connect to the school building in two locations to serve two bathrooms and other facilities.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package, and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Construction shall be completed by **October 31, 2014**

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

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

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

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

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) 332-6756
FAX 332-7726

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

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

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



Sincerely,



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

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



Department of Environmental Quality

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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 10, 2012

Clint Campbell
72 Justice Lane
Cody, WY 82414

RE: Fenex Treated Water Line Extension, Permit No. 12-124, Latitude 44.529, Longitude 109.035, Park County

Dear Mr. Campbell:

This project consists of installing approximately 330 linear feet of 8-inch treated water main and three service taps. The above application for coverage under General Permits to Construct the extension of a public water distribution system has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

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

xc: PDF to Cheyenne
Jeremy Easum, P.E., Sage Civil Engineering, 2824 Big Horn Ave., Cody, WY 82414

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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5/17/12

Matthew H. Mead, Governor

John Corra, Director

May 17, 2012

Aaron and April Wilson
AA Earth Works
580 Grange Road
Wheatland, WY 82201

RE: **Application Number:** 12-125
Action: Unauthorized Work Documentation
Facility: Reynolds Small Waste Facility
Location: 457 Sybille Creek Road

Platte County

Dear Mr. and Mrs. Wilson:

This letter is documenting the improper actions performed by AA Earthworks on the Reynolds Small Waste Facility at 457 Sybille Creek Road. An application for the Permit to Construct was received by the Wyoming Department of Environmental Quality (DEQ) Water Quality Division on April 6, 2012.

After I was informed that the facility had been previously constructed, AA Earthworks provided the photographs in Attachment A on April 17, 2012. On April 27, 2012, I met with Aaron Wilson at the facility, and the photographs from this field visit are documented in Attachment B. On May 1, 2012, the permit to construct was issued for this facility.

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

If you should have any questions, please contact Seth Tourney at either seth.tourney@wyo.gov or (307) 777-7088. Please be reminded that the WQD could show up anytime in the future to verify that potential facilities have not been constructed without a permit.

Sincerely;

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

SWT/rm/12-0439

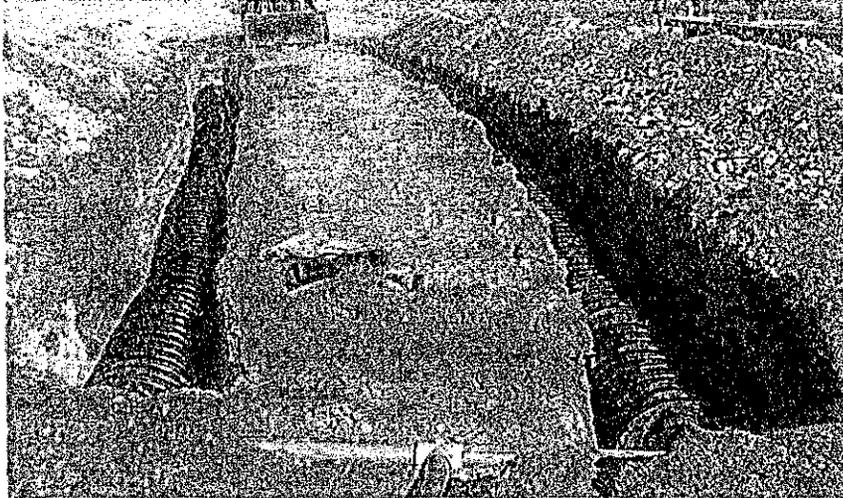
Attachments



Attachment A

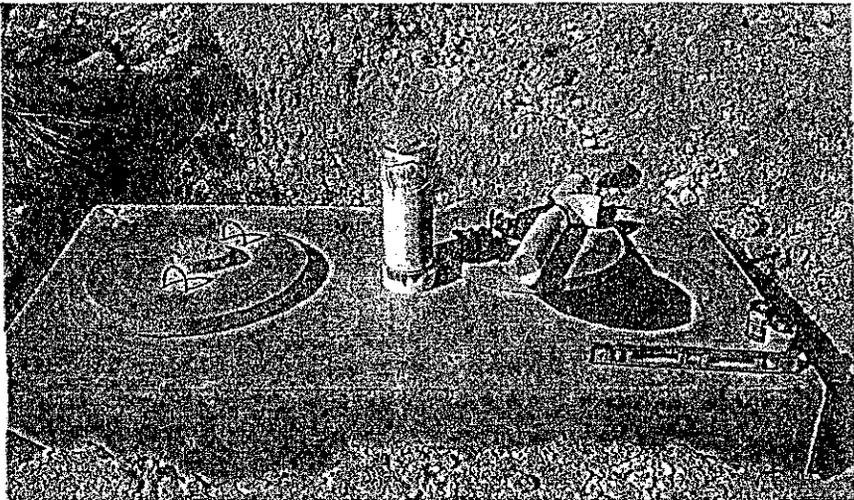
Photograph A.1:

This picture was provided by A&A Earthworks on April 17, 2012. This is an overall picture of the drainfield.



Photograph A.2:

This picture was provided by A&A Earthworks on April 17, 2012. This is an overall picture of the septic tank.



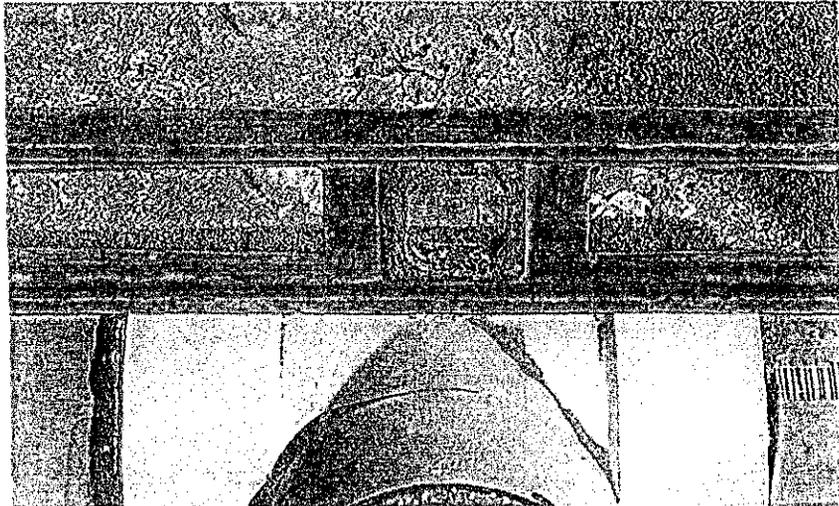
Photograph A.3:

This picture was provided by A&A Earthworks on April 17, 2012. This is observing the effluent pipe from the septic tank to the straight tee used for distributing the flow into the drainfield.



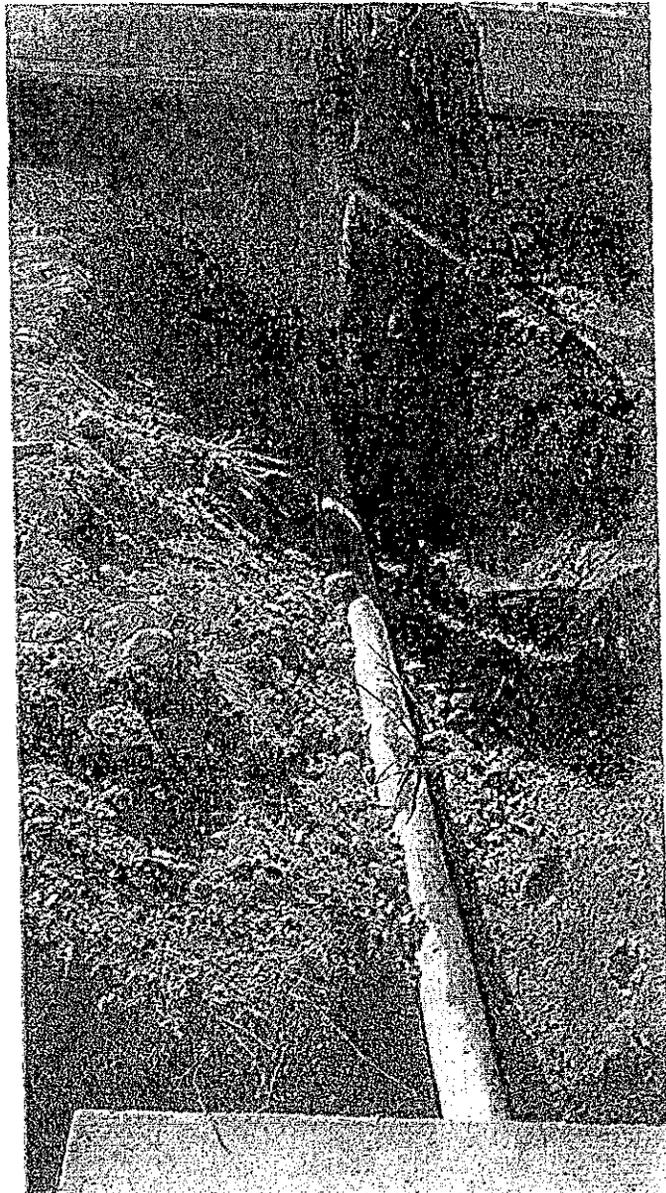
Photograph A.4:

This picture was provided by A&A Earthworks on April 17, 2012. This picture is displaying the levelness of the straight tee used for distributing the flow between the two (2) chambered trenches.



Photograph A.5:

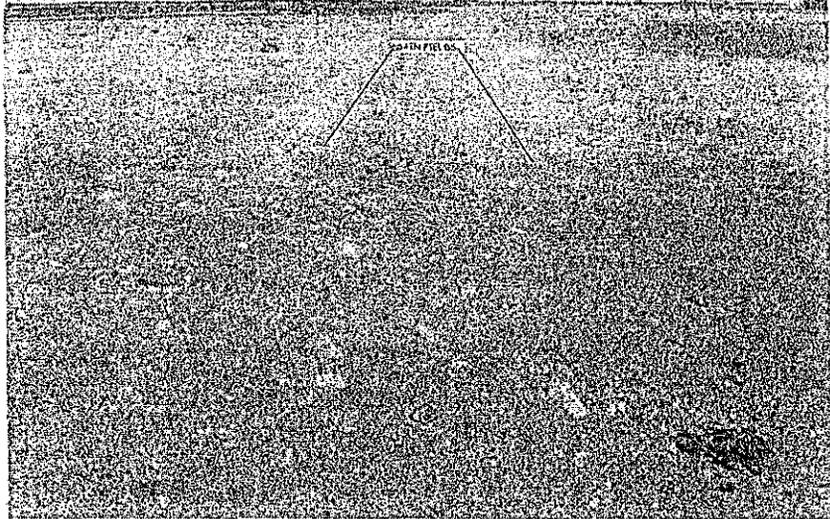
This picture was provided by A&A Earthworks on April 17, 2012. This picture is displaying the sewer connection from the house into the influent pipe for the septic tank.



Attachment B

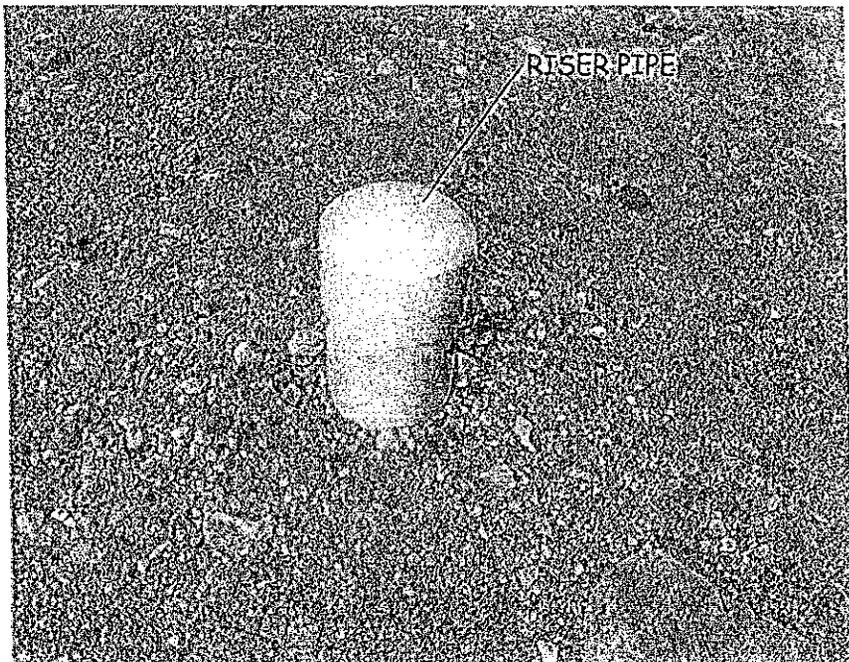
Photograph B.1:

This picture was taken on April 27, 2012 of the drainfield.



Photograph B.2:

This picture was taken on April 27, 2012 of the riser pipe for the septic tank.





Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 1, 2012

Ms. Janelle Reynolds
457 Sybille Creek Road
Wheatland, WY 82201

RE: Application No. **12-125, Platte County**

Dear Ms. Reynolds:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon, one compartment, concrete septic tank discharging into about 136 feet of chamber type trench drain field divided into two equal length trenches lines of about 68 feet each for a four bedroom residence, located in the **Section 30, T24N, R68W, Platte County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 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 directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 1, 2014.

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from each compartment of the septic tank must be extended to the ground surface.
2. Isolation Distance Requirement – The minimum isolation distances in Chapter 11 Part D Section 35(a)(i) must be ensured, including features from adjacent property parcels or lots.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-8145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7389 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **12-125** in any future correspondence.

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

Sincerely,



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

SWT/rm/12-0392

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
A&A Earthworks, Aaron Wilson, 580 Grange Road, Wheatland, WY 82201
Platte County Planning Office, Reed Elmquist, PO. Box 728, Wheatland, WY 82201



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 31, 2012

Ms. Janice Hall
37 Winchester Road
P.O. Box 839
Guernsey, WY 82214

RE: Hall Residential Septic System
Application No. 12-126, Platte County

Dear Ms. Hall:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a Small Wastewater Facility consisting of a 1000 gallon, one compartment, concrete septic tank discharging into about 105 feet of chamber type trench drain field divided into two equal length trenches lines of about 52.5 feet each for a three bedroom residence, located in the **SE ¼ Section 25, T26N, R66W, Platte County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the 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 directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 30, 2014.

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway **from each compartment of the septic tank must be extended to the ground surface.**
2. Isolation Distance Requirement – The minimum isolation distances in Chapter 11 Part D Section 35(a)(i) must be ensured, including features from adjacent property parcels or lots.

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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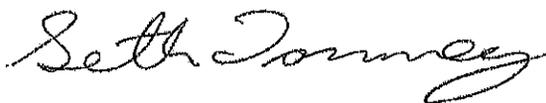
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **12-126** in any future correspondence.

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

Sincerely,



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

SWT/rm/12-0477

Enclosures: Certificate of Completion

cc: IPS, Guernsey
A&A Earthworks, Aaron Wilson, 580 Grange Road, Wheatland, WY 82201
Platte County Planning Office, Reed Elmquist, PO. Box 728, Wheatland, WY 82201

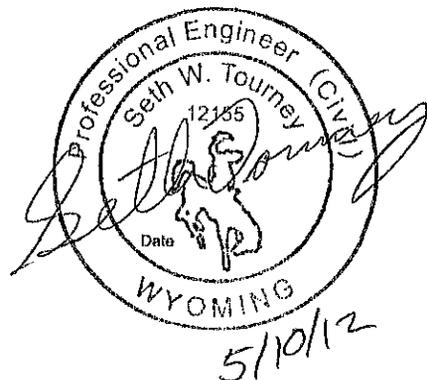
REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY / WATER QUALITY DIVISION

122 West 25th Street, Herschler Building 4 West, Cheyenne, Wyoming 82002

PROJECT: Hall Residential Septic System
ENGINEER: N/A
APPLICANT: Janice Hall
37 Winchester Rd.
Guernsey, WY 82214

WATER QUALITY DIVISION REFERENCE NUMBER: 12-126
REVIEWING ENGINEER: Seth W. Tourney
DATE OF REVIEW: May 10, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS

1. There is no information under the location portion of the Wyoming Water Quality Application Form. Under Section A.2 of the Design Instructions and Worksheets, it labels the Section Number as "NW." Please provide the proper location information.

END OF REVIEW

SWT/rm/12-0419

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-127

Bade Property Water Treatment Residual Spreading

This permit hereby authorizes the applicant:

Ted Bade
1456 Happy Jack Road
Cheyenne, Wyoming 82009

to land apply water treatment alum sludge residuals up to 23 dry tons per acre according to the procedures and conditions of the application number 12-127. The facility is located at S $\frac{1}{2}$ of the SE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 28 T14N R68W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 23, 2014.

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

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility, when constructed, will meet applicable 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.

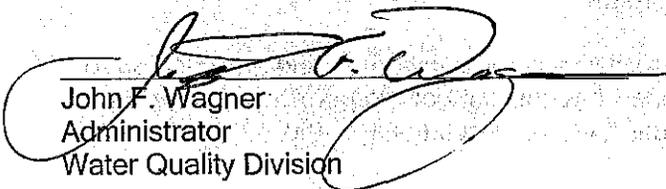
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

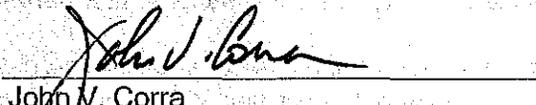
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 The total allowable land application of alum sludges from the water treatment plant will not exceed 23 dry tons per acre.
- 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 4-27-12

SWT/rm/12-0385

STATEMENT OF BASIS

1. Permit Number: 12-127
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 11
3. Does the permit comply with all applicable regulations identified above?
Yes
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was not required.

The engineer has demonstrated that this land application poses no threat of discharge to groundwater. Reference American Water Works Association article "Long-term Effects of Sludge Application to Land" copyrighted 1994.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on April 27, 2012. 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. 12-128

King Property Water Treatment Residual Spreading

This permit hereby authorizes the applicant:

Mark Eisele
P.O. Box 905
Cheyenne, Wyoming 82003

to land apply water treatment alum sludge residuals up to 23 dry tons per acre according to the procedures and conditions of the application number 12-128. The facility is located at W ½ of Sec 33 T14N R68W; a portion of the SW ¼ of the SW ¼ of Section 28 T14N R68W; most of the SW ¼ of Sec 25 T14N R68W; and a portion of the SW ¼ of the SE ¼ of Section 25 T14N R68W, Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 23, 2015.

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

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

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

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

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

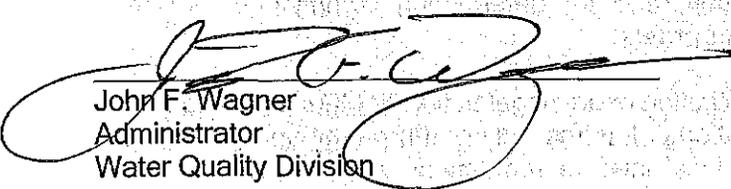
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

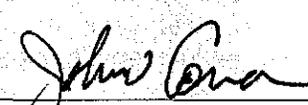
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7075, 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 The total allowable land application of alum sludges from the water treatment plant will not exceed 23 dry tons per acre.
- 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 4-27-12
SWT/rm/12-0386

STATEMENT OF BASIS

1. Permit Number: **12-128**
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.

The engineer has demonstrated that this land application poses no threat of discharge to groundwater. Reference American Water Works Association article "Long-term Effects of Sludge Application to Land" copyrighted 1994.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on April 27, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 11, 2012

Ron Frame
4459 State Highway 24
Aladdin, WY 82710

RE: Frame Small Wastewater System
Application No. 12-129, Crook County

Dear Mr. Frame:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of the abandonment of four Standard Infiltrator Chambers on portions of two rows and the addition of one row of eleven Standard Infiltrator Chambers, for a three bedroom home located in the SE ¼, Section 19, Township 54N, Range 60W, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

1. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.

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

Sincerely,

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

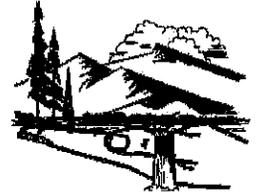
cc: IPS, Cheyenne
WDEQ Casper File
Tim Lyons, Crook County Growth and Development
Allan Schreier, P.E., 511 National Street, Suite 101, Belle Fourche, SD 57717





Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

August 1, 2012

Michael D. Gaither
EHS Coordinator
Lost Creek ISR, LLC
5880 W Enterprise Dr.
Casper, WY 82609

RE: Lost Creek ISR, LLC, Class V Permit
Final Permit **12-130**, Facility ID: WYS-037-00137
Sweetwater County, Wyoming

Dear Mr. Gaither:

Attached please find one copy of the Class V permit for the above referenced facility. This permit requires daily and weekly sampling with reporting at the conclusion of the hydrogeologic test.

The permit application, draft permit, final permit, and public notices are available for review on the GEM website, <https://gem.wqd.apps.deq.wyoming.gov/default.aspx>.

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

If you have any questions please do not hesitate to contact me at (307) 777-8275 or by email at nicole.twing@wyo.gov.

Sincerely,

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

NT/rm/12-0693

Enclosures: Final Permit

cc: John Passel - WDEQ



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

CLASS V INJECTION WELL

(X) New
() Modified (Renewal)

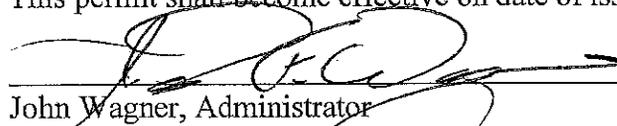
Permit Number: 12-130
Facility Number: WYS-037-00137
State Subclass: 5F2
Previous Permit Number: None

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

Applicant: Lost Creek ISR, LLC
5880 Enterprise Dr., Suite 200
Caper, WY 82609
(307) 265-2373

Lost Creek ISR, LLC, hereafter referred to as the permittee, is authorized to operate four existing wells (5S-KM1, 5S-KM2, KPW-1A, and M-UKM1) as temporary injection wells in the NE¼ of the NE¼ of the NW¼ of Section 20, Township 25 North, Range 92 West, of the 6th Principal Meridian, Sweetwater County. The permittee is allowed to operate the facility according to the procedures, conditions, and requirements of this permit.

This permit shall become effective on date of issuance.



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

8/3/12

Date



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

8-6-12

Date

NT/rm/12-0693

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A. Discharge Zone

This injection facility is authorized to inject a maximum of 93,600 gallons per day through four (4) injection wells into the upper KM Horizon of the Battle Spring formation. The injection zones are within the intervals identified in **Table 1** as follows:

Table 1 (Perforated Zones)

Well Name	Upper KM Horizon of the Battle Spring formation Perforated Zones
5S-KM1	525 to 545 ft bgs
5S-KM2	520 to 540 ft bgs
KPW-1A	520 to 540 ft bgs
M-UKM1	520 to 540 ft bgs

Zones outside these intervals may be perforated within the Upper KM Horizon of the Battle Spring formation with prior written approval of the Administrator.

B. Well and Area of Review

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

NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 20, Township 25 North, Range 92 West, of the 6th Principal Meridian, Sweetwater County.

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

The Area of Review is based upon the following assumptions:

Table 2 (Area of Review Inputs)

Description	Inputs	Units
Permit Duration	20	Days
Porosity	10	Percent
Maximum Injection Rate	93,600	GPD
Thickness of Receiver	20	Feet
Calculated Radius	199	Feet
Area of Review	360	Acres

C. Groundwater Classification

The groundwater in the KM Horizon of the Battle Spring Formation within the mine permit surface boundary (LQD TFN 4 6/268) is classified as Class IV A according to Wyoming Water Quality Rules and Regulations, Chapter 8. This classification is made due to exceedances of one or more parameters listed in Table I of Chapter 8 detected during baseline water quality sampling.

D. Authorized Operations

The operator is authorized to inject at a pressure of no more than 125 psi per injection well as measured from surface pressure gauges. The permittee is authorized to inject a maximum of 93,600 gallons per day of groundwater produced from one well (5S-KM3). The groundwater will be immediately injected into the upper KM Horizon of the Battle Spring formation through four (4) injection wells. The injectate is described as non-process groundwater produced from the upper KM Horizon of the Battle Spring formation (520 to 540 ft bgs) during the implementation of a twenty (20) day hydrogeologic test.

E. Hazardous Waste

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

F. Proper Operation and Maintenance

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

The injection wells covered by this permit shall meet all construction requirements outlined in Wyoming Water Quality Rules and Regulations, Chapters 16, Section 10.

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

G. Entry and Inspection

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

H. Environmental Monitoring Program for Groundwaters of the State

General Requirements:

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

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

8. The permittee shall report all instances of noncompliance not reported otherwise, at the time the final monitoring report is submitted.

I. Requirements for Monitoring Groundwaters of the State

The groundwater in the receiving formation shall be sampled and the following parameters analyzed according to the schedule identified in **Table 3**. The following parameters shall be analyzed weekly and reported in one comprehensive report:

Table 3 (Groundwater Monitoring Schedule)

WELL NAME OR NUMBER	SAMPLING SCHEDULE	PARAMETER ANALYZED	EPA ANALYTICAL METHOD	PERMIT LIMIT or UCL
5S-KM3 (production well)	Daily	pH	Field Meter	6.5 to 8.8 s.u.
		Conductivity	Field Meter	None
		Temperature	Field Meter	None
		Produced Water Volume	Flow Meter	93,600 gallons per day
	Weekly	Oil and Grease	1664	Virtually Free
		Alkalinity as CaCO ₃	A2320 B	None
		Carbonate (CO ₃)	A2320 B	None
		Bicarbonate (HCO ₃)	A2320 B	None
		Silica	200.7	None
		Calcium	200.7	None
		Ammonia as Nitrogen	350.1, 350.2, 350.3	None
		Nitrate + Nitrite as Nitrogen	300	None
		Boron	200.7	None
		Fluoride	300.0, 300.1	None
		Sulfate	300.0	None
		Total Dissolved Solids	A2540 C	None
		Aluminum	200.7	None
		Arsenic	200.7, 200.8, 200.9	None
		Barium	200.7, 200.8	None
		Cadmium	200.7, 200.8, 200.9	None
Chloride	300	None		
Copper	200.7, 200.8, 200.9	None		
Iron	200.7, 200.9	None		
Lead	200.7, 200.8, 200.9	None		
Magnesium	200.7	None		
Manganese	200.7, 200.8, 200.9	None		

		Mercury	245.1, 245.2, 245.7	None
		Nickel	200.7, 200.8, 200.9	None
		Potassium	200.7	None
		Selenium	200.7, 200.8, 200.9	None
		Sodium	200.7	None
		Uranium	908.1, 200.8	None
		Vanadium	200.7, 200.8	None
		Zinc	200.7, 200.8	None
		Gross Alpha	900	None
		Gross Beta	900	None
		Combined Total Radium-226 and Radium-228	903.1	None
5S-KM1 5S-KM2 KPW-1A M-UKM1 (injection wells)	Daily	Injection Total Flow	Well Flow Meter	None
		Surface Pressure	Well Pressure Gauge	125 psi

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

J. Test Procedures

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

K. Records and Reports

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

the same information as required by the paragraph above. The permittee shall notify the Administrator thirty (30) days in advance of any planned alteration, conversion, or abandonment of the well covered by this permit.

L. Permit Actions

This permit is authorized for a period of one (1) year. If the permittee wishes to continue injection after the expiration date of this permit he shall apply to the Administrator and obtain a new permit. The application should be submitted at least 180 days before the expiration date of this permit. Under this permit, the Department may consider injection after the expiration date a violation of the permit.

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

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

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

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

M. Abandonment

General Requirements:

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

N. Duties of the Permittee

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

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

O. Signatories Requirement

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

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

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

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

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

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

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

1. The authorization is made in writing by one of the prescribed principals;

2. The authorization specifies either an individual or position having responsibility for the overall operation of the regulated facility or activity; and
3. The written authorization is submitted to the Administrator.

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

P. Noncompliance

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

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

Q. Permit Transfer

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

R. Property Rights

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

S. Severability

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

-End of Permit-



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 19, 2012

Eric McCue
P.O. Box 133
Moorcroft, WY 82721

RE: McCue Small Wastewater System
Application No. 12-131, Crook County

Dear Mr. McCue:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,250 gallon ICM septic tank discharging into a single pipe trench approximately 95 feet in length, for a one or two bedroom mobile home located in the NE ¼, **Section 17, Township 50N, Range 66W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 11, Part D** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

1. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater, both horizontal and vertical.
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.

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

Sincerely,

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

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

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 18, 2012

Mr. Thad W. York
Silver Spur Land and Cattle, LLC
P.O. Box 714
Encampment, WY 82325

RE: Silver Spur Ranch Office Building,
Application No. **12-132, Carbon County**

Dear Mr. York:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a Small Wastewater Facility consisting of a 1000 gallon, two compartment, concrete septic tank discharging into about 138 feet of chamber type trench leachfield divided into two equal length trenches lines of about 69 feet each for a private office building serving approximately 12 employees, located in the **SW¹/₄NE¹/₄, Section 6, T15N, R83W, Carbon County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 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 directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by April 18, 2014.

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

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

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

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7359 FAX 777-8937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7781 FAX 777-6973
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Please reference Application No. **12-132** in any future correspondence.

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

Sincerely,

A handwritten signature in cursive script that reads "Seth Tourney".

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

SWT/rm/12-0342

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
Doug Youngberg, Youngberg Plumbing and Heating, P.O. Box 392, Encampment, WY,
82325
Kristy Rowan, Carbon County Planning Office, Carbon Building, 215 West
Buffalo Street, Suite 336, Rawlins, Wyoming 82301



Department of Environmental Quality

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Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 10, 2012

Michelle Stegman
27 Mountain Drive
Wheatland, WY 82201

RE:

Application No. 12-133, Platte County

Dear Ms. Stegman

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1500 gallon, two compartment, concrete septic tank discharging into about 200 feet of chamber type trench leachfield divided into two equal length trenches lines of about 100 feet each for a five bedroom residence, located in the **Southeast ¼ of the Northeast ¼ of Section 5, T23N, R68W, Platte County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 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 directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by May 10, 2014.

1. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway **from each compartment of the septic tank must be extended to the ground surface.**
2. Isolation Distance Requirement – The minimum isolation distances in Chapter 11 Part D Section 35(a)(i) must be ensured, including features from adjacent property parcels or lots.
3. Once the sanitary sewer service connection is completed for the 5 bedroom house, the sanitary sewer service to the temporary housing in the shop **shall be disconnected and abandoned immediately.**

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5618	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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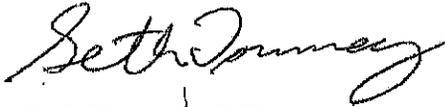
This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **12-133** in any future correspondence.

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

Sincerely,



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

SWT/rm/12-0420

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
A&A Earthworks, Aaron Wilson, 580 Grange Road, Wheatland, WY 82201
Platte County Planning Office, Reed Elmquist, PO. Box 728, Wheatland, WY 82201



Department of Environmental Quality

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Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 12, 2012

Edward Najim
12088 E. Chama Road
Scottsdale, AZ 85255

RE: Najim As-Built Small Wastewater System
Application No. 12-134, Weston County

Dear Mr. Najim:

The above application for coverage under the General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of an existing 1,500 gallon septic tank and four trench leachfield, for a four bedroom home located in the NE ¼ of Section 29, Township 47N, Range 61W, Weston County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package.

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

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

This Notification of Coverage is issued in response to the submission and completion of the required septic system information for an as-built permit. The system generally complies with Wyoming Department of Environmental Quality/Water Quality Regulations governing Small Wastewater Systems.

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Weston County Growth and Development, 1 West Main Street, Newcastle, WY 82701
Black Hills Plumbing, 1122 South Summit, Newcastle, WY 82701





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Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

May 14, 2012

George White
P.O. Box 50
Devils Tower, WY 82714

RE: YPI Ranch Small Wastewater System
Application No. 12-135, Crook County

Dear Mr. White:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 3,350 gallon J&D Precast concrete septic tank discharging into four pipe and gravel trenches of approximately 85 feet each, for a nine bedroom home located in the **SE ¼, Section 29, Township 54N, Range 65W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 11, Part D** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

1. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.
2. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
3. All waterline and sanitary sewer crossings less than 18 inches in depth must be backfilled with flow-fill or the waterline must be encased in a larger diameter pipe at the crossing.

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

Sincerely,

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

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

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





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Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

April 19, 2012

Wayne Garman
396 Garman Road
Sundance, WY 82729

RE: Garman Small Wastewater System
Application No. 12-136, Crook County

Dear Mr. Garman:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon Boom Concrete septic tank discharging into three trenches containing fourteen Biodiffuser Arc 36 chambers, for a three bedroom mobile home located in the SE ¼, Section 14, Township 52N, Range 65W, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

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

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

Sincerely,


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

cc: IPS, Cheyenne
WDEQ Casper File
Tim Lyons, Crook County Growth and Development
JW Services, 519 State Highway 116, Sundance, WY 82729

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-137

SUPPLEMENTAL DELINEATION
FORMER ATLAS MISSILE SITE #4(FEW4)

This permit hereby authorizes the applicant:

CHEYENNE B.O.P.U.
P.O. BOX 1469
CHEYENNE, WY 82003

to conduct a land application of granular activated carbon filtered test well development water from FEW4-MW12R, FEW4-MW43R, FEW4-MW44R, FEW4-MW45R, FEW4-MW51, FEW4-MW52, FEW4-MW53, FEW4-MW54, FEW4-MW56 according to the procedures and conditions of the application number 12-137. The facility is located in SW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 20; SW $\frac{1}{4}$, SE $\frac{1}{4}$, Section 19; SW $\frac{1}{4}$, SE $\frac{1}{4}$, Section 20; NE $\frac{1}{4}$, SE $\frac{1}{4}$, Section 23; T13N R68W; NW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 16; NW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 1; SW $\frac{1}{4}$, SE $\frac{1}{4}$, Section 17; SW $\frac{1}{4}$, SW $\frac{1}{4}$, Section 23 ; T13N R69W ; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 13, 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 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 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 X. Corra
Director
Department of Environmental Quality

Date of Issuance 4/16/12

RRC/rm/12-0319

STATEMENT OF BASIS

1. Permit Number: 12-137
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.

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Richard Cripe, Water and Wastewater Program Manager, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on April 13, 2012. 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. 12-138

SUPPLEMENTAL DELINEATION
FORMER ATLAS MISSILE SITE #4(FEW4)

This permit hereby authorizes the applicant:

KING RANCH
10333 HAPPY JACK ROAD
CHEYENNE, WY 82009

to conduct a land application of granular activated carbon filtered test well development water from FEW4-MW55 according to the procedures and conditions of the application number 12-138. The facility is located in SE ¼, NW ¼, Section 14 T13N R68W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 13, 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 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.

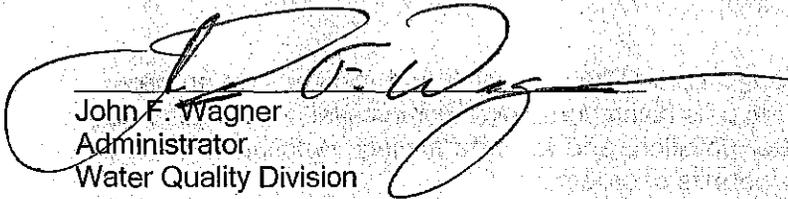
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

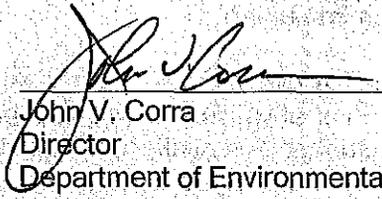
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 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

4/16/12

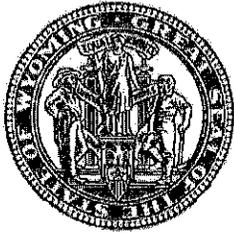
RRC/rm/12-0318

STATEMENT OF BASIS

1. Permit Number: **12-138**
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.
Public water supplies are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Richard Cripe, Water and Wastewater Program Manager, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on April 13, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 18, 2012

C..Dawn Wilhelm, Utility Division Manager
City of Riverton
816 N. Federal
Riverton, WY 82501

RE: North Broadway Extension
DEQ Permit #12-139
Located in Fremont County, NW1/4, NE1/4, S27, T1N, R4E

Dear Ms. Wilhelm,

This project consists of the installation of approximately 225 linear feet of eight-inch sanitary sewer pipe, the connection of several 2 inch potable water service connections, and the relocation of a fire hydrant.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11 and Chapter 12 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package, and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Construction shall be completed by October 31, 2014

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

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

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

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

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

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

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

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

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

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



Sincerely,



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

xc: PDF to Cheyenne
Diane L. Oress, PE, Dowl HKM, 945 Oh Lincoln St., Lander, WY 82520



Department of Environmental Quality

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Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 23, 2012

JoAnne McFarland, President
Central Wyoming College
2660 Peck Ave.
Riverton, WY 82501

RE: Central Wyoming College Health Sciences Center Sewer and Water Line Extensions, Permit No. 12-140, SE ¼ of Section 29, T1N, R4E, Wind River Meridian, Fremont County

Dear Ms. McFarland:

This project consists of installing approximately 636 linear feet of 8-inch water and 6-inch water mains and a fire hydrant and 567 linear feet of 6-inch of sewer mains with four manholes. The above application for coverage under General Permits to Construct the extensions of public water distribution system and sewage collection systems has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Section 9; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

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

xc: PDF to Cheyenne
Diane Oress, P.E., Dowl HKM, 945 Lincoln St., Lander, WY 82520

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

ABANDONED MINES
(307) 332-8085
FAX 332-7726

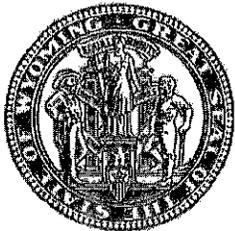
AIR QUALITY
(307) 332-6755
FAX 332-7726

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

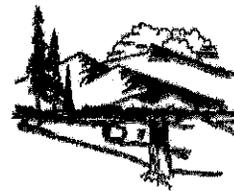
SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7726

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





Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 19, 2012

Stephen W. Payne, Public Works Director
City of Cody
P.O. Box 2200
Cody, WY 82414

RE: Spirit Mountain Subdivision treated water upgrade project
DEQ Permit #12-141
Located in Park County, Lot 6 and 72B resurvey, S3, T52N, R102W (Latitude 44.303506°, Longitude -109.061571°)

Dear Mr. Payne,

This project consists of the installation of approximately 1,472 linear feet of 8 inch C900 class CL 165 PVC. This project will be an upgrade from existing 2 inch PVC pipe.

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

You are authorized to construct, the facility in accordance with the the materials submitted in your application package and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems. Construction shall be completed by October 31, 2012

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

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

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

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

Sincerely,

Hannes E. Stueckler, P.E.

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-142

National Outdoor Leadership School (NOLS) Wyoming Medicine Institute (WMI) Well #1 Drilling Project

This permit hereby authorizes the applicant:

John Stoddard, Project Manager
National Outdoor Leadership School
284 Lincoln Street
Lander, WY 82520

to drill, construct, develop and test WYSS Well #1; according to the procedures and conditions of the application number 12-142. The facility is located about nine miles south of Lander. The new well is within NW ¼, NE ¼, Section 4, T31N, R99W in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 1, 2014.

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

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

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

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

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

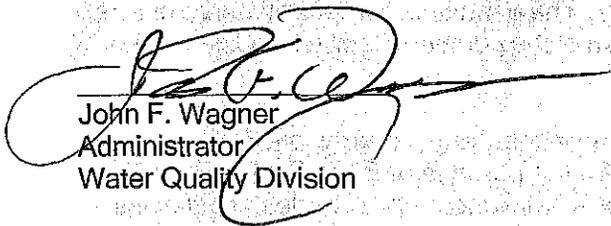
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

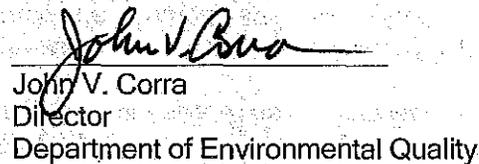
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

4-27-12
Date of Issuance

JSB/rm/12-0383

STATEMENT OF BASIS

1. Permit Number: 12-142
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes. However, subsequent plans and specifications must be submitted for the equipping of the well and other construction such as installation of discharge piping, construction of a well house, disinfection, etc.
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supply wells are exempted from review by Chapter 3, Section 17
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough; jbrough@wyo.gov, Northwest District Engineer and completed on April 25, 2012. 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: Ben Jordan, P.G., Weston Engineering, Inc., 1050 N. 3rd St. Suite #E, Laramie, WY 82072

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-143

Ross Recovery
Commercial Oilfield Wastewater Evaporation Pond Expansion – Cell 4

This permit hereby authorizes the applicant:

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

to construct, install or modify one (1) additional evaporative pond cell for the disposal of oilfield exploration and production wastewater at an existing commercial oilfield wastewater disposal facility, according to the procedures and conditions of the application number 12-143. The facility is located near the center of the south half of Section 13, Township 39 North, Range 75 West, in the county of Converse, in the State of Wyoming. The facility is located approximately 40 miles northeast of Glenrock, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 1, 2017.

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 11 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 11 The applicant will provide the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, the name of the type and brand of the primary and secondary liner, the liner manufacturer(s), the liner installation contractor(s), and all other required documentation related to the liners, at least two weeks prior to beginning construction. The manufacturer(s) will need to submit recommended installation methods that include cold weather installation. At a minimum, installation should be conducted in accordance with "Cold Weather Seaming of Geomembranes", Geosynthetic Institute, GRI Test Method GM9 or a comparable method.
- 3 of 11 The applicant will provide immediate oral or written notice to the CBM / Oil and Gas Group, Water Quality Division, 152 North Durbin Street, Suite 100, Casper, WY 82601, Phone 307-473-3465, FAX 307-473-3458, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 4 of 11 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.
- 5 of 11 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".
- 6 of 11 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. 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.

7 of 11 The leak detection system is to be checked weekly for the first month following filling of a pond and monthly thereafter with a log kept of the inspection results. As new ponds are constructed, the leak detection system is to be checked weekly for the first month. If fluid is found, the DEQ CBM / Oil and Gas Group is to be notified immediately, and samples are to be pulled from the inspection pipes and tested for total petroleum hydrocarbons (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.

8 of 11 Fluids in the ponds are to be checked annually for the following constituents. Each pond will be sampled and analyzed separately in accordance with the following list:

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

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

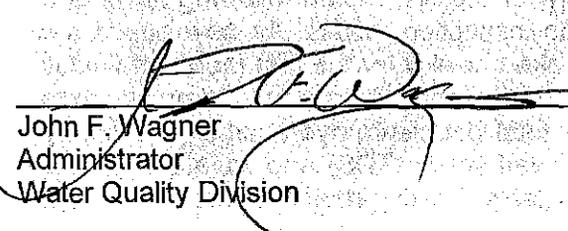
9 of 11 The facility is authorized to receive oilfield exploration and production waste (production water, produced water, and frac water), exempt from RCRA regulations by EPA. Any other waste must be approved on a case by case basis by the DEQ and the owner. Prior to approval for disposal by DEQ/WQD, all other waste will be subject to rules, regulations, policies, and/or procedures related to hazardous waste determination and disposal, as issued or promulgated by DEQ/Solid and Hazardous Waste Division (SHWD).

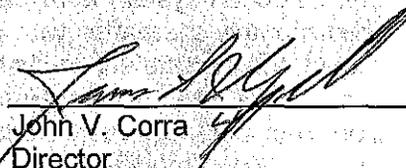
10 of 11 The validity of this permit is subject to the owner maintaining a bond acceptable to the State of Wyoming, DEQ/WQD for the amount of the facility closure and post-closure costs. The bonding amount is subject to review on an annual basis.

11 of 11 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

5-10-12
Date of Issuance

JDL/KJM/rm/12-0415

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

STATEMENT OF BASIS

1. Permit Number: **12-143**
2. Application reviewed for compliance with the following applicable regulations :
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
 - a. The permit includes approval to deviate from the following regulatory requirements:
Not applicable
 - b. Briefly state the basis for the deviation.
Not applicable
 - c. Permit approval is based upon deviation from applicable regulations in accordance with approved policy statement.
Not applicable
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was required.
6. If Section 17 of Chapter 3 review is required, indicate the basis for determining groundwater will be protected.

The facility will not allow a discharge to groundwater.

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

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

Not applicable

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

The leak detection system will be checked weekly for the first month after the ponds are filled. A log will be kept of the inspection results. The leak detection system is also monitored by a high level alarm system. If fluid is found, DEQ will be notified immediately. 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 Denis Lamb, CBM / Oil and Gas Group and completed on April 13, 2012. 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. 12-144

BURNS WELL LEVEL II PROJECT
PWS WY5600188

This permit hereby authorizes the applicant:

Wyoming Water Development Commission
6920 Yellowtail Road
Cheyenne, WY, 82002

to construct, install or modify one Municipal Test Well for Conversion to one Municipal Water Supply Well according to the procedures and conditions of the application number 12-144. The facility is located in NW 1/4 of the SW 1/4 of Section 7, T14N R62W; Laramie County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed May 3, 2014.

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

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

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

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

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

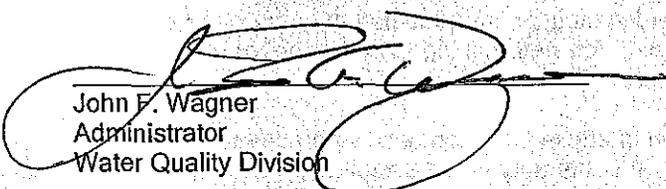
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

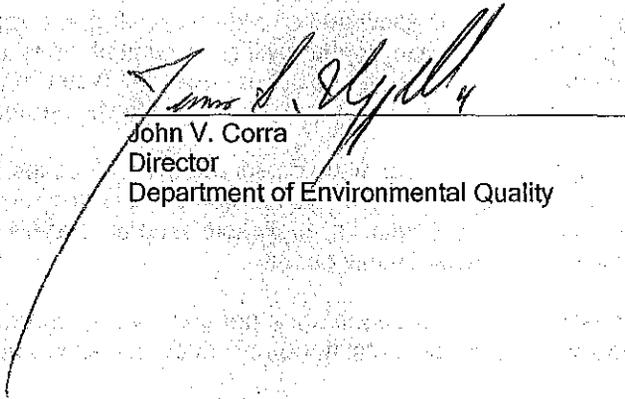
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
2. Separate permits to construct will be required for the improvements necessary to the wells to supply water to a public water system.
3. The casing must extend at least 18 inches above the ground surface.
4. Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
 - e. As a part of the certificate of completion, the Engineer must certify that all Test Wells have been plugged and abandoned as required by Chapter 11, WQD Rules and Regulations.
5. The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

Date of Issuance

5-11-12

SWT/rm/12-0416

STATEMENT OF BASIS

1. Permit Number: **12-144**
2. This application was reviewed for compliance with the applicable regulations ;

Chapters 3, 12

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

Yes

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

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on May 10, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

John Corra, Director

NOTIFICATION OF COVERAGE

May 2, 2012

Tiffany Bee
130 Perkins Ext.
Memphis, TN 38117

RE: Hawks Small Wastewater System
Application No. 12-145, Crook County

Dear Ms. Bee:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,000 gallon JD Precast concrete septic tank discharging into four pipe and gravel trenches of approximately 70 feet each, for a three bedroom home located in the SE ¼, **Section 13, Township 49N, Range 64W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 11, Part D** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2013.

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

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

Additionally, the following permit condition applies:

1. Flow-divider tees or a distribution box is required to evenly split flow between trenches. Standard tees are not an adequate substitute for flow-dividing tees.
2. Cleanouts are required every 100 feet and at all changes in direction 22.5 degrees and greater.
3. All waterline and sanitary sewer crossings less than 18 inches in depth must be backfilled with flow-fill or the waterline must be encased in a larger diameter pipe at the crossing.

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

Sincerely,

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

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

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-146

TOWN OF BAGGS PRETREATMENT SYSTEM PROJECT
PWS WY5600058

This permit hereby authorizes the applicant:

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

to construct, install or modify a pretreatment system including two 8,000 gallon oxidation tanks, two pre-engineered, packaged 110 gpm manufactured systems from Meurer Research Inc., pump station for treatment residual disposal, 160 LF of 6" water main, 160 LF of ¾" water service line, 200 LF of sewer lines for draining treatment residuals, and appropriate appurtenances according to the procedures and conditions of the application number 12-146. The facility is located in SE 1/4 of Section 5, T12N, R91W and NE 1/4 of Section 8, T12N, R91W; Carbon County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed June 6, 2015.

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

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

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

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

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

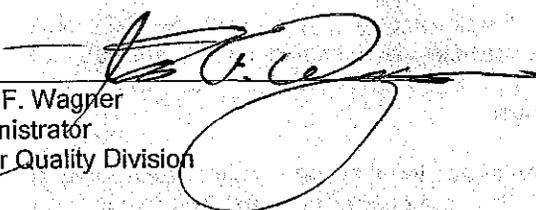
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

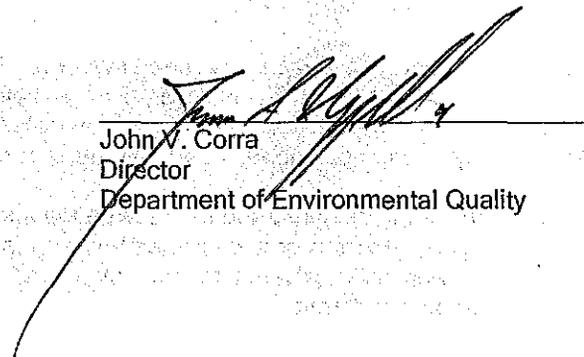
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

1. The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7088, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
2. The proposed yard hydrant located near the existing raw water pump water station shall be clearly identified as non-potable water.
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.
 - e. As a part of the certificate of completion, the Engineer must certify that all Test Wells have been plugged and abandoned as required by Chapter 11, WQD Rules and Regulations.
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 6-12-12

SWT/rm/12-0530

STATEMENT OF BASIS

1. Permit Number: 12-146
2. This application was reviewed for compliance with the applicable regulations ;
Chapters 3, 11, 12
3. Does the permit comply with all applicable regulations identified above?

Yes, except for the recommended variances below:

A variance is recommended from Chapter 12 Section 10 (h) requirements for configurations of settling tube placements and the effluent launderers. This variance is recommended due to the pre-engineered, manufactured system providing a tube and orifice configuration which improves protection against short circuiting concerns. Additionally, this system displayed performance results through the pilot study phase of the project.

A variance is recommended from Chapter 11 Section 10 (e) requirements for providing multiple units in the pumping station to the sanitary sewer main. This variance is recommended due to the ability of the pump station to overflow the treatment residuals to an existing holding pond in emergency conditions, and the pond will have treatment residuals applied at rates under 20 tons/acre, which has been applicable to land application rates for alum sludge. Additionally, the operator will have a spare pump on site during normal operation.

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

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Seth Tourney, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on June 12, 2012. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

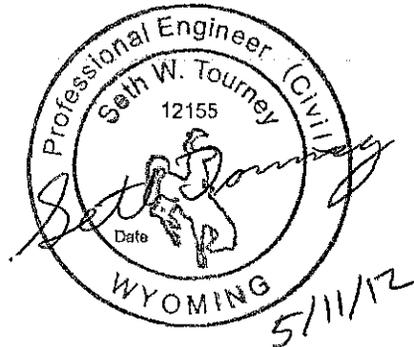
REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Baggs Pretreatment System Project

ENGINEER: Ryan Duve (Lidstone and Associates)
4025 Automation Way, Bldg E
Ft. Collins, CO 80525

APPLICANT: Kathy Staman (Town of Baggs)
PO BOX 300
Baggs, WY 82321



WATER QUALITY DIVISION REFERENCE NUMBER: 12-146

REVIEWING ENGINEER: Seth W. Tourney

DATE OF REVIEW: May 10, 2012

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

COMMENTS, INADEQUACIES, AND QUESTIONS

Water Treatment Plant Pretreatment System Pilot Study Design Report and the Addendum to Baggs Pretreatment Pilot Study

1. It should be noted according to Chapter 12 Section 10(u), it states, "Disposal of any waste sludge or liquid shall meet all the requirements of Chapter 11 of the Water Quality Rules and Regulations."
 - a. Due to this requirement, please add a section to the design report addressing the disposal of the sludge.
 - b. Can and how are the lagoons handling this additional waste demand? Please provide documentation supporting your compliance with Chapter 12 Section 10(u)(iv) of the Water Quality Rules and Regulations.
2. In Section 8.5 of the design report, the submersible pump station needs to meet the requirements of Chapter 11 Section 10 of the Water Quality Rules and Regulations.
 - a. Provide documentation for meeting Chapter 11 Section 10(a)(viii).
 - b. Provide documentation for meeting Chapter 11 Section 10(a)(ix).
 - c. Provide documentation for meeting Chapter 11 Section 10(b)(ii).
 - d. Provide documentation for meeting Chapter 11 Section 10(c)(iii).
 - e. Provide documentation for meeting Chapter 11 Section 10(d)(i)(A).
 - f. Provide documentation for meeting Chapter 11 Section 10(d)(ii).

- g. Provide documentation for meeting Chapter 11 Section 10(d)(iii)(B).
 - h. Provide documentation for meeting Chapter 11 Section 10(e)(i).
 - i. Provide documentation that the overflow pond is meeting Chapter 11 Section 10(e)(ii)(D).
 - j. Provide documentation for meeting Chapter 11 Section 10(f)(ii).
 - k. Provide documentation for meeting Chapter 11 Section 10(f)(iii).
 - l. Provide documentation for meeting Chapter 11 Section 10(f)(iv), in particular the audio and visual alarms.
3. In Section 6.3.5, the pretreatment residuals were determined using an annual average of 25 NTU. However, in Table 1 Pilot Study Average Raw Water Quality Data, the 10-week average raw water turbidity is reported at 149 NTU. Are the pretreatment residuals going to be going to be six times greater than the calculated amount? Please provide supporting documentation for the 25 NTU.
 4. In Appendix C under the estimated residuals for Baggs Water Treatment Plant, the estimated wastewater entering lagoon from the public was based on a population of 350. In Section 4.0, it states, "According to the 2010 Census, 440 people live in the agricultural community of Baggs." Are the pretreatment residuals going to be significantly higher than the estimated residuals? Please advise.
 5. In regards to the MRI units, please provide the following information under design flow conditions:
 - a. Flocculation Stage (Chapter 12 Section 10(c) of the Rules and Regulations):
 - i. Detention Time.
 - ii. Mixing Intensity (G value).
 - iii. Ensure that the flocculation basin has a minimum of one drain line to dewater the facility.
 - b. Settling tube clarifiers (Chapter 12 Section 10(h) of the Rules and Regulations):
 - i. Provide the method of tube cleaning.
 - ii. Tube placement. Tops of the tubes shall be more than 12 inches from the underside of the launder and more than 18 inches from the water surface.
 - iii. Loading rates. This would be the design flow with one of the MRI units out of service.
 - iv. Indicate the spacing between the effluent launders.
 6. In Section 6.3.6, it states, "Raw water will be treated with potassium permanganate (KMnO₄) as an oxidizer to oxidize iron, manganese, and TOC." On sheet E101, it appears to indicate that there is power from existing receptacle for the KMnO₄ metering pump. However, the detail on sheet C103 does not show the KMnO₄ metering pump installation. Please advise.
 7. On Sheet C104, it indicates the location for the chemical drums along the east wall. However, I cannot seem to find a detail on the chemical storage drums. Please ensure that there is a curb around the liquid storage containers, and this proposal is meeting the requirements of Chapter 12 Section 8(n) of the Rules and Regulations.

8. In Section 6.3.4, it was not clear whether the current proposal is providing duplicate chemical feed systems for the Sumaclear 700 or the potassium permanganate. Ensure that this is meeting the requirements of Chapter 12 Section 8 (d)(i) of the Rules and Regulations.
9. In regards to the chemical applications of Sumaclear 700 and Potassium Permanganate, please provide documentation of the compliance with Chapter 12 Section 11 in the Water Quality Rules and Regulations. Please add this section to your revised report in your next submittal.
10. In Section 13122 (3.04), it did not clearly state that the paints shall not contain lead, mercury, or other toxic metals or chemicals. Please add this language to the technical specification. Please refer to Chapter 12 Section 8(g)(ii) of the Water Quality Rules and Regulations for more information.

END OF REVIEW

SWT/rm/12-0422

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 12-147

Riverton Water Supply Project-Pumping Facilities
PWS #WY5600047

This permit hereby authorizes the applicant:

C. Dawn Wilhelm, Utility Division Manager
City of Riverton
816 N. Federal Blvd.
Riverton, WY 82501

to install two partially buried packaged potable water booster pump stations, the Water Treatment Plant (WTP) Booster Pump Station and the JCC Booster Pump Station, and an above grade packaged wellhead station, (Well #17 Well Head Station), including associated chlorination system for Well #17 and JCC storage tank, according to the procedures and conditions of the application number 12-147. This project is located at Lat. 43.073, Long. - 108.421 in the county of Fremont, in the state of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 31, 2014.

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

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

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

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

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

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

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

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

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

6-8-12
Date of Issuance

HES/rm/12-0517

STATEMENT OF BASIS

1. Permit Number: 12-147
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above? Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.

No
5. 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 Hannes E. Stueckler P.E., hannes.stueckler@wyo.gov, Assistant Northwest District Engineer and completed on May 11, 2012. 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: Anthony Beeson, PE, Burns and McDonnell Engineering Co. Inc., 9785 Maroon Cir., Suite 400, Centennial, CO 80112



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 10, 2012

Thomas H. Wiersema
1920 Custer Street
Laramie, WY 82070

RE: Wiersema Summer Home Septic System,
Application No. **12-148, Carbon County**

Dear Mr. Wiersema:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon, two compartment, polyethylene septic tank discharging into about 66 feet of a single trench chamber type leachfield of 15 *Infiltrator* brand, Quick4-EQ36 model chamber units, for a 1 bedroom home, located in the **SE¼, Section 12, T14N, R84W, Carbon County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with **Chapter 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 directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **May 10, 2014**.

The following project specific condition also applies:

Polyethylene Septic Tank Installation Requirements - to ensure structural integrity, the manufacturer's instructions regarding bedding the tank and filling the tank with water during burial must be followed during installation. Additionally, immediately after clean-outs, the tank must be refilled with water according to the manufacturer's instructions to maintain structural integrity.

This **Notice of Coverage** is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General Permits can be viewed at the following path:
http://deq.state.wy.us/wqd/www/Permitting/Pages/general_permits.asp

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

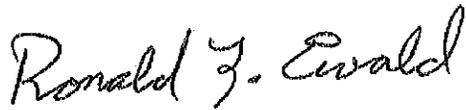
ADMIN/OUTREACH (307) 777-7768 FAX 777-7882	ABANDONED MINES (307) 777-8146 FAX 777-8462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6837	LAND QUALITY (307) 777-7758 FAX 777-5064	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7761 FAX 777-6973
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Please reference Application No. **12-148** in any future correspondence.

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

Sincerely,



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

RLE/rm/12-0414

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
Stoins Construction, P.O. Box 764, Saratoga, Wyoming 82331
Kristy Rowan, Carbon County planning Office, Carbon Building, 215 West Buffalo
Street, Suite 336, Rawlins, Wyoming 82301

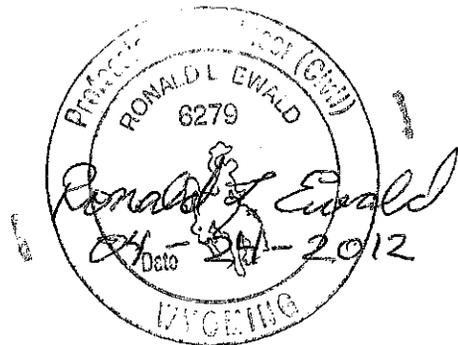
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Wiersema Summer Home Septic System
LOCATION: SE¼, Section 12, T14N, R84W, **Carbon County**
ENGINEER: NONE
APPLICANT: Thomas H. Wiersema
1920 Custer Street
Laramie, Wy 82070
Ph: (307) 742-1933

WATER QUALITY DIVISION REFERENCE #: 12-148

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

DATE OF REVIEW #2: April 24, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Application Incomplete - the application package did not contain the Part C worksheets & design sheets as required. Also, many questions throughout the application were not answered. These questions are important. Didn't answer "slope" question on page 10. Didn't answer 7 questions on page 14. Can't read test date and test performer at top of percolation(perk) test data sheet.

2nd Review - the application package is still incomplete because design sheet C1 or C2 was not completed as required. They were returned blank.

2. **2nd Review – Part C Worksheet – Equivalent Area per Unit incorrect** - the chamber unit described in the "Chamber" section of Part C is a Quick4 EQ36 model Infiltrator brand chamber unit. This is confirmed by the dimensions listed of 26" wide, 14" tall, by 48" long. From the Equivalent Area Table, the equivalent area for a Quick4 EQ36 in a trench is 18.5 sf/unit, not the 26.5 that was used. This makes the calculations on the "PART C" worksheet incorrect, and the worksheet will have to be redone.

3. **Shallow Seasonal High Groundwater Level Concern** – because the location of the leachfield (and septic tank too) appears from the topo maps provided to be in the low lying flat lands of the river valley, and because the exploratory trench was dug in late November, additional information is requested.
 - a. The application says that there was no rock layer or clay layer encountered in the exploratory trench. Could you please describe what the soils encountered at different levels were like. Such as loam, silt, some clay, sand, gravel, a mixture of some of these, etc.
 - b. Please estimate the elevation difference between the spring high water level in the river and the ground elevation at the leachfield location.
 - c. Do any of the land surfaces near the river get waterlogged or spongy with water when walked on at any time in the spring?

2nd Review - None of these question in #3 were answered in the response to the first review. These requests weren't written just to be ignored. These questions need to be answered this time!

Enclosures: blank Part C worksheets and design sheets
copies of other pertinent pages

RLE/rm/12-0370

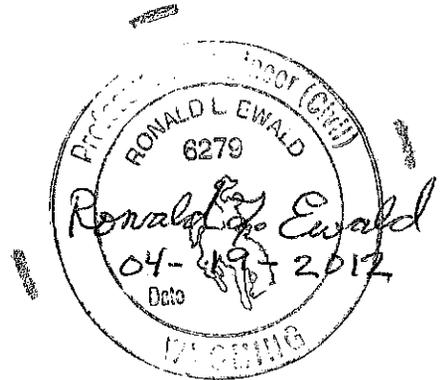
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Wiersema Summer Home Septic System
LOCATION: SE¼, Section 12, T14N, R84W, Carbon County
ENGINEER: NONE
APPLICANT: Thomas H. Wiersema
1920 Custer Street
Laramie, Wy 82070
Ph: (307) 742-1933

WATER QUALITY DIVISION REFERENCE #: 12-148

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

DATE OF REVIEW: April 19, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Application Incomplete - the application package did not contain the Part C worksheets & design sheets as required. Also, many questions throughout the application were not answered. These questions are important. Didn't answer "slope" question on page 10. Didn't answer 7 questions on page 14. Can't read test date and test performer at top of percolation(perk) test data sheet.

2. Perk Rate Calculation Done Incorrectly - the perk test data looks good, however the perk rate calculation was not done correctly. The correct perk rate is 14 mpi.
3. Shallow Seasonal High Groundwater Level Concern – because the location of the leachfield (and septic tank too) appears from the topo maps provided to be in the low lying flat lands of the river valley, and because the exploratory trench was dug in late November, additional information is requested.
 - a. The application says that there was no rock layer or clay layer encountered in the exploratory trench. Could you please describe what the soils encountered at different levels were like. Such as loam, silt, some clay, sand, gravel, a mixture of some of these, etc.
 - b. Please estimate the elevation difference between the spring high water level in the river and the ground elevation at the leachfield location.
 - c. Do any of the land surfaces near the river get waterlogged or spongy with water when walked on at any time in the spring?

Enclosures: blank Part C worksheets and design sheets
copies of other pertinent pages

RLE/rm/12-0353



Department of Environmental Quality

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



Matthew H. Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

June 12, 2012

U.S. Air Force

Attn: Richard Parkinson, Deputy Civil Engineer
300 Vesle Dr., Suite. 600
F.E. Warren AFB, Wyoming 82005

RE: FE Warren AFB – Carlin Heights Housing Sewer Extensions
Application No. **12-149**, **Laramie County**

Dear Mr. Parkinson:

The above application for coverage under **General Permit to Construct**, Install, Modify or Operate Extensions to or Modifications of an Existing **Sewage Collection System** consisting of 5,519 linear feet of 8" PVC sewer main, 31 standard manholes, and 6" PVC gravity sewer service laterals throughout the Carlin Heights housing neighborhood as needed, located in portions of **Section 35, T14N, R67W, Laramie County** in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by June 12, 2014.

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

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

Please reference Application No. **12-149** in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Assistant Southeast District Engineer
Water Quality Division

RLE/rm/12-0529

Enclosures: Certificate of Completion form

cc: IPS, Cheyenne
David M. Dillow, Woolpert, Inc., 343 Fountains Parkway, Suite 100, Fairview Heights, Illinois 62208

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-6616	INDUSTRIAL SITING (307) 777-7389 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-6864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-6973	WATER QUALITY (307) 777-7781 FAX 777-6973
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REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION

Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: F.E. Warren AFB – Carlin Heights Housing Sewer Extensions

LOCATION: Portions of Section 35, T14N, R67W, **Laramie County**

ENGINEER: David M. Dillow, PE
Woolpert, Inc.
343 Fountains Parkway, Suite 100
Fairview Heights, IL 62208
Ph: (618) 632-2837

APPLICANT: U. S. Air Force
Attn. Richard Parkinson, Deputy Civil Engineer
300 Vesle Dr., Suite 600
F.E. Warren AFB, WY 82005
Ph: (307) 773-3600

WATER QUALITY DIVISION REFERENCE #: 12-149

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

DATE OF REVIEW: April 25, 2012



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

New Sewer Lines Crossing Over Existing Water Mains Concerns - six locations were identified on the plan drawings where the new sewer lines are to be installed crossing over existing water mains. Department of Environmental Quality(DEQ) / Water Quality Division(WQD) Water Quality Rules & Regulations(WQR&R) do not allow water mains to cross below sewer mains, at any vertical clearance, without some kind of secondary protection between the water and sewer lines. These regulations can be found in either Chapter 11, Section 9(f)(ii), or Chapter 12, Section 14(g)(i) of the WQR&R**. In these circumstances sewer pipe joints must be at least 10 feet(9 feet allowed for centered 18 foot pipe joint) from the water line crossing, the upper pipe must be specially supported across the lower excavation, and one of the pipes shall be placed in a separate conduit pipe. The WQD also has a policy that would allow encasement of the pipe crossing in flow-fill material. A copy of this policy is included with this review.

There is no detail drawing of how this situation will be addressed when encountered included on the detail sheets CH702 to CH705. Detail sheet CH701 was not included with the submittal. There is also no discussion of how this situation would be addressed in the Engineering Design Report(EDR). What is intended to be done when these situations are encountered needs to be discussed in the EDR and should have the appropriate detail drawings included.

The six locations where existing water lines were identified crossing below new sewer line installations are as follows:

1. Sewer segment "G" near the B9-MH,
2. " " "H" " H6-MH,
3. " " "H" " H8-MH,
4. " " "K" " J1-MH,
5. " " "L" " G4-MH, and
6. " " "N" " N1-MH.

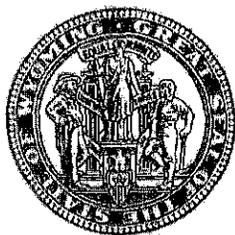
Lastly, please submit detail sheet CH701 if it is relevant.

** There is a note on sheet CH002 under the "Water/Sewer/Utility Crossing and Separation" section, Note #2, which indicates that no special actions are required if the water pipe is more than 18 inches below the crossing sewer pipe. This is an incorrect statement and the regulations are as indicated above.

Enclosures: Flow-fill Encasement Policy

END OF REVIEW

RLE/rm/12-0377



Department of Environmental Quality



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

Matt Mead, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 24, 2012

Kathy Nomura, General Partner
Earl Bower Farms Company
804 S. 15th St.
Worland, WY 82401

RE: Earl Bower Farms sewer and water crossing of US Highway 16
DEQ Permit #12-150
Located in Washakie County; NW1/4, S29, T47N, R92W; Lat. 44.01937°, Long. -
107.92249°

Dear Ms. Nomura,

This project consists of the installation of 200 feet of sanitary sewer and 200 feet of 8 inch water line across US Highway 16 for future development. Both ends of the lines installed will be capped, and the lines will not be in service until future development takes place.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11 and Chapter 12 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package, and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Construction shall be completed by October 30, 2014

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

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

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

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

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



Sincerely,



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

xc: PDF to Cheyenne
Stanton J. Abell, JR, P.E., P.E.Grosch Construction, Inc., P.O. Box 36, Worland, WY 82401