



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 19, 2010

Leslie I. Hook
City of Buffalo
46 North Main Street
Buffalo, WY 82834

RE: Fort Street Sewer Main Replacement, WDEQ #10-051
Buffalo, WY

Mr. Hook:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

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

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

Sincerely,

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

Enclosures: Certificate of Completion

cc: Brent A. Bennett, P.E., Grizzly Engineering, P.O. Box 1004, Buffalo, WY 82834
WDEQ File, IPS

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

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

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





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 14, 2010

Mayor Philip G. Hinds
Town of Evansville
P.O. Box 158
Evansville, WY 82636

RE: Town of Evansville Community Center, WDEQ #10-052,
Evansville, Wyoming

Dear Mr. Hinds:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

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

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

Sincerely,

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

Enclosures: Certificate of Completion

cc: Shane Porter, P.E., WLC, 200 Pronghorn Street, Casper, WY 82601
WDEQ File
IPS





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

PERMIT NO. 10-053

MOONEY DRAW POD: P42-13

This permit hereby authorizes the applicant:

Petro-Canada Resources (USA) inc.
A Suncor Energy Business
Attn.: Mrs. Krystal Price
640 North Hwy 14-16, Unit J
Gillette, WY 82716

to have installed three (3) compliance monitoring wells according to the procedures and conditions of the application number 10-053. The facilities are proximal to the on channel coalbed methane produced water impoundment located in Township 51N, Range 75W, Section 13 in the county of Campbell, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

- 1 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/Water Quality Division, Groundwater Section, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 4 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/Water Quality Division, Groundwater Section, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213 when discharge to each impoundment covered under this permit commences.
- 3 of 4 **Monitoring Requirements:**
 Unless otherwise specified, monitoring and reporting of the groundwater beneath the impoundment shall be performed on a quarterly basis until further notice and shall include the following information:
 - Measurement of static water elevation in all monitoring wells: MW13-33, P13-1 CMW-1 and P13-1 CMW-2;
 - Sampling and analysis of groundwater at down-gradient well: P13-1 CMW-2.
 A background sample at this well is required prior to discharge to the impoundment;
 The groundwater classification was based on data from an adjacent monitoring well.
 - The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

P42-13

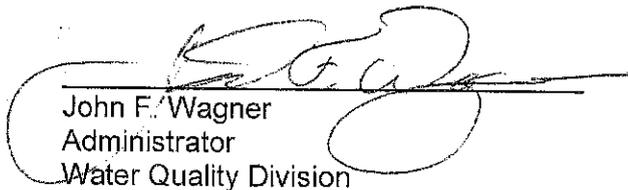
Parameter	P13-1 CMW-2 Background Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	Background sample required prior to discharge to the impoundment	0.2
Selenium		0.05
Sulfate		3000
TDS		5000
pH		6.5 – 8.5 (s.u)

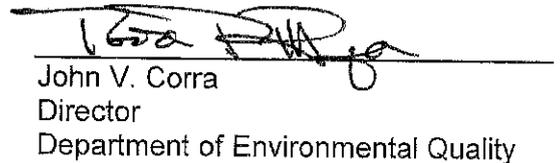
- Reporting results of quarterly monitoring and sampling are due to the department by January 15th, April 15th, July 15th, and October 15th of each year;

- If the initial discharge into the impoundment has not occurred by the quarterly report date, a groundwater compliance sample is not required for that quarterly period. The operator shall notify the DEQ that discharge has not occurred;
- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.
- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: deq-cbmgroundwater@wyo.gov. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted electronically (pdf format) via email to the WDEQ, Groundwater Section at the email address listed above.
- After one year of quarterly monitoring, the WDEQ will evaluate the groundwater geochemical trends and may modify the monitoring frequency requirements.

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

AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John V. Corra
 Director
 Department of Environmental Quality

2-22-10
 Date of Issuance

CS/rm/10-0130



GROUNDWATER PROGRAM
REVIEW COMMENTS:
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1866 South Sheridan Avenue
Sheridan, WY 82801
Phone: 307-672-6457

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

PERMIT NUMBER: 10-053

SITE (POD) NAME: Mooney Draw Project: Impoundment P42-13

APPLICANT: Petro-Canada Resources (USA), Inc.
A Suncor Energy Business

CONSULTANT: WWC Engineering
Attn.: Ben Schiffer
1849 Terra Ave.
Sheridan, WY 82801

LOCATION: Drainage: Unnamed tributary to Wild Horse Creek,
tributary to Powder River
County : Campbell
Township 51 North; Range 75 West, Section 13

WYPDES No: Discharge Permit: WY0051985

REVIEWING OFFICIAL: Carrie Steinhorst, North District Project Geologist

DATE OF THIS REVIEW: February 17, 2009

ACTION: Compliance Monitoring Plan authorized for Mooney Draw Project:
P42-13 pursuant to conditions on permit # 10-053

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Unnamed tributary to Wild Horse Creek, tributary to Powder River

Groundwater Classification:

Class 1 (domestic) _____
Class 2 (agricultural) _____
Class 3 (livestock) 1 _____

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards and exceeds Class I standards for total dissolved solids (TDS) and Class II standards for sodium adsorption ration (SAR; Table 1- Chapter 8).

Table 1. Basis for Ground Water Classification by impoundment Name covered under Permit 10-053

Impoundment Name	Background Monitoring Well	SAR	TDS (mg/l)
P42-13	MW13-33	16.7	640

Description of Hydrogeology:

Impoundment P42-13 is located on a small unnamed tributary to Wild Horse Creek which is deeply incised and is being actively down-cut. Groundwater occurs beneath the impoundment in coal, first encountered between 4099.5 and 4108.1 feet above mean sea level. These elevations correspond to depths of 80.5 and 130.5 feet below ground surface (BGS). Coal thicknesses range from 22.5 to 26.5 feet and are correlative.

The coal aquifer is confined by an intercalated claystone/siltstone complex to near surface. The potentiometric surface is nearly flat showing only 0.5 feet of difference among the three wells. Using a strict interpretation, the ground water flow direction is slightly east of north. Surficial alluvium was encountered to depths of 15 to 39 feet BGS but no alluvial groundwater was noted.

Two stock wells are located in near proximity. Well P2896P is 250 feet deep located in NESE Section 13 and is approximately 1350 feet east-northeast from the proposed impoundment. Well P127247W is 320 feet deep located in NENW Section 13 and is approximately 3300 feet northwest of proposed impoundment. Potential risk to these wells is very remote.

Table 2. Impoundment covered under Permit 10-053

Impoundment Name	Capacity (acre/ft)	Qtr Qtr	Section	Township	Range	Compliance Monitoring Well
P42-13	25.9	NWSE	13	51N	75W	P13-1 CMW-2

2.0 MONITORING AND REPORTING REQUIREMENTS

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

- Measurement of static water elevation in all monitoring wells: MW13-33, P13-1 CMW-1 and P13-1 CMW-2;
- Sampling and analysis of groundwater at down-gradient well: P13-1 CMW-2. ****A background sample at this well is required prior to discharge to the impoundment**.** Groundwater was initially classified by an upgradient well. Monitoring well P13-1 CMW-2 was subsequently determined to be in a down-gradient location with respect to the impoundment.
- The parameters listed in the table below are required for groundwater compliance monitoring beneath the listed impoundment:

P42-13

Parameter	P13-1 CMW-2 Background Value (mg/L)	Class III Water Quality Standards (mg/L)
Arsenic	Background sample required prior to discharge to the impoundment	0.2
Selenium		0.05
Sulfate		3000
TDS		5000
pH		6.5 – 8.5 (s.u)

- Reporting results of quarterly monitoring and sampling are due to the department by January 15th, April 15th, July 15th, and October 15th of each year;
- If the initial discharge into the impoundment has not occurred by the quarterly report date, a groundwater compliance sample is not required for that quarterly period. The operator shall notify the DEQ that discharge has not occurred;
- If a groundwater monitoring event reveals a pH measurement of 6.5 or less, the DEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

- The analytical results for each sampling event, along with impoundment and monitor well location information must be submitted in the Excel spread sheet "Compliance Monitoring Data Reporting", which can be found on the WDEQ website at the following address: (<http://deq.state.wy.us/wqd/groundwater/pollution.asp>). These data shall be submitted electronically on the due dates established above to the following department address: deq-cbmgroundwater@wyo.gov. In addition, the accompanying analytical laboratory reports and field documentation must also be submitted electronically (pdf format) via email to the WDEQ, Groundwater Section at the email address listed above.
- After one year of quarterly monitoring, the WDEQ will evaluate the groundwater geochemical trends and may modify the monitoring frequency requirements.

END OF REVIEW

CS/rm/10-0130

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-054R

Reference Permit 06-063R

Town of Wamsutter - ESS Water Well and Transmission Line
PWS Number WY5600105

This permit hereby authorizes the applicant:

Kenneth Waldner
Town of Wamsutter
P.O Box 6
Wamsutter, WY 82336

to construct a 3275 feet of 6-inch PVC water main, a metering building, electrical building, new chlorination system, modification to an existing chlorine room and the installation of a 200 gpm submersible pump according to the procedures and conditions of the application number 10-054R. The facility is located about 1.0 miles northeast of the Town of Wamsutter, within the NE ¼ of Section 27, T20N, R94W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 24, 2012.

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations.

It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

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

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

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

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

3/30/10
Date of Issuance

MDB/rm/10-0235

STATEMENT OF BASIS

1. Permit Number: 10-054R
2. Application reviewed for compliance with the following regulations:

Chapter 12.

3. Does the permit comply with all applicable regulations identified above? No.

Chapter 12, Section 9 (b)(ii)(A) requires that yield and draw down tests shall be performed on every production well. The test pump capacity, at maximum anticipated drawdown shall be at least 1.5 times the design rate anticipated. The test shall provide for continuous pumping for at least 24 hours or until stabilized drawdown has continued for at least 6 hours when test pumped at 1.5 times the design pumping rate. The existing well ESS well (well number 10, permit 06-063R) was test pumped at 110 gpm and airlifted at 191 to 238 gpm. Proposed maximum well production is 200 gpm. Draft information on long-term effective transmissivities from a Level II Wyoming Water Development Commission have been submitted.

Upon completion of the proposed construction a maximum safe yield must be determined and submitted. The maximum safe yield and drawdown is to be based on an aquifer test and regional groundwater information. Well alarm and shut down measures are to be set based on the maximum safe yield and drawdown.

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

Water well and transmission lines 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 Mark D. Baron, P.E., Southwest District Engineer, mbaron@wyo.gov, and completed on March 24, 2010. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

cc: Kevin Frank, P.E., Wyoming Dept. of Environmental Quality, Casper, WY



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 22, 2010

Jake Hamon, Mayor
Town of Hudson
P.O. Box 56
Hudson, WY 82515

RE: Hudson Sewer Rehabilitation Project Phase II. DEQ Permit #10-055, Fremont County, Latitude 42.9044, Long. -108.583

Dear Mayor Hamon,

This project consists of the rehabilitation by lining of approximately 4,627 linear feet of 6-inch sewer pipe, 976 linear feet of 8-inch sewer pipe, and 606 linear feet of 10-inch sewer pipe. Additionally, it is expected that approximately 1,682 linear feet of 6-inch and 8-inch sewer line will require total reconstruction.

A variance was requested from Chapter 11, Section 9 (c)(i)(C) which requires a minimum slope of 0.004 ft/ft for 8-inch pipe. A variance from this regulation is granted based upon Policy 13.9.13. because the existing sewer pipes functioned at the shallow slopes prior to their eventual degradation. The town of Hudson has acknowledged that the low slope pipes may require additional maintenance.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part B 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. 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

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

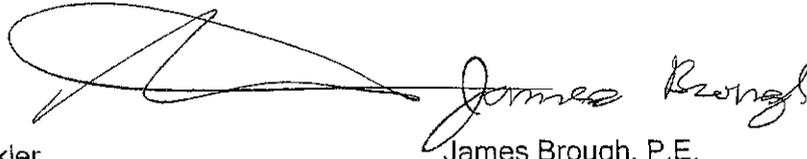


If you have any questions, please contact Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,



Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division



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

xc: PDF to Cheyenne
Calvin R. Twiford P.E., James Gores and Associates, P.C., 111 North 3rd Street East, Riverton, WY 82501



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 21, 2010

Lisa Burrige
BH Development, LLC
421 South Center, Ste 101
Casper, WY 82601

RE: Ponderosa at Bar Nunn, Third Filing, Natrona County, WDEQ #10-056

Dear Ms. Burrige:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

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

In addition, the following permit conditions apply:

- 1) Any outstanding requirements of Wardwell Water and Sewer District must be addressed prior to commencing construction on this project. Please contact Wardwell Water and Sewer District for information on this subject.

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

Sincerely,

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

Enclosures: Certificate of Completion

cc: Matt Williams, P.E., WLC, 200 Pronghorn Street, Casper, WY 82601
Gloria Brainard, Wardwell Water and Sewer District, P.O. Box 728, Mills, WY 82644
WDEQ File, IPS





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 18, 2010

Albany County School District No. 1
Mike Moeller, M & O Director
1948 Grand Ave.
Laramie, WY 82070

RE: Laramie Senior High School Waterline Replacement,

Application No. **10-057**
Albany County

Dear Mr. Moeller:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as replacement of approximately 850 feet of 6" PVC water main, SE ¼ SE ¼ Section 28, T16N R 73W; Albany County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by March 18, 2012.

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. **10-057** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/10-0222

Enclosure: Certificate of Completion

cc: IPS, Cheyenne

James Johnson, Johnson Engineering Assoc., 110 Superior Ct., Laramie, WY 82072
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, WY 82073

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

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



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 12, 2010

Cliff Perkins, Chairman
Osage Sewer District
P.O. Box 44
Osage, WY 82723

RE: Osage Sewer District Metz Street Sewer Improvements 2010, WDEQ #10-058
Osage, WY

Mr. Perkins:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

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

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

Sincerely,

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

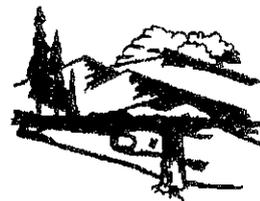
Enclosures: Certificate of Completion

cc: Kenneth C. Rathbun, P.E., Bearlodge Ltd., Inc., 520 Cleveland Street, Sundance, WY 82729
WDEQ File, IPS





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 22, 2010

Lane Thompson
City of Sheridan
P.O. Box 848
Sheridan, WY 82801

RE: Transfer of Ownership,
Cloud Peak Ranch --Thirteenth Filing
Sheridan County, Reference Permit #08-440
Permit #10-059

Dear Mr. Thompson:

The above Transfer of Ownership for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations (WWQRR) and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the WWQRR has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

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

Sincerely,

Suzanne Engels
WDEQ/WQD

Enclosures

SE/rm/10-0131

cc: IPS, Cheyenne
WDEQ Casper File
VeeAnn Woody, System Land, 2 Soldier Creek Road, Sheridan, WY 82801
Jeff Feck, Vista West Engineering, P.O. Box 785, Sheridan, WY 82801

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

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

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

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

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

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

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

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





Vista West Engineering
PO Box 785
Sheridan, WY 82801
307.672.9310
Fax: 307.672.9311
www.vistawestengr.com

February 2, 2010

Received
FEB 03 2010
Casper DEQ

Karen Farley, PE
Northeast District Supervisor
Wyoming Dept. of Environmental Quality/WQD
152 North Durbin Street, Suite 100
Casper, WY 82601

Re: Application for Permit to Construct, Water & Sanitary System Improvements
WDEQ Application #08-440
Cloud Peak Ranch – Thirteenth Filing
Vista West Project #02031031.105

Dear Karen:

Enclosed you will find a Permit Transfer Request for the DEQ permit associated with the Cloud Peak Ranch – Thirteenth Filing project. The form has been signed by both the original (System Land, LLC) and new owners (City of Sheridan).

This transfer is being requested as the City of Sheridan formally accepted this development by City Council action on November 2, 2009.

Please let me know if you have any questions.

Sincerely,

Vista West Engineering
Jeff M. Feck, PE
Project Manager

Enc.

cc: Lane Thompson, PE, City Engineer, City of Sheridan

cc: Don Roberts, System Land, LLC
VeeAnn Woody, System Land, LLC

PERMIT TRANSFER REQUEST

PERMIT TRANSFER REQUEST

Date: 2/2/2010
~~7-8-2008~~

Water Quality Division
Department of Environmental Quality
122 West 25th Street
Herschler Building
Cheyenne, WY 82002

AUTHORIZED BY AUTHORITY OF

Water Quality Rules and
Regulations, Chapter III

Director
Department of Environmental Quality

PERMIT NO. 10-059

DATE 2/22/10

BY Suzanne Engels

10-059

To Whom It May Concern:

SYSTEM LAND, LLC intends to transfer ownership of the facility
(Original Owner)
CITY OF SHERIDAN associated with Permit Number 08-440 to
(New Owner)
on 2/1/2010. It is requested that the said permit be transferred to the new owner in
(Date)

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

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

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

VEDDUM WOODY, Agent
Signature of Original Owner

Dave Kinney
Signature of New Owner

Name SYSTEM LAND, LLC

Name CITY OF SHERIDAN

Address 2 SOLDIER CREEK ROAD

Address P.O. BOX 848

SHERIDAN, WY 82801

SHERIDAN, WY 82801

Telephone 307-752-2551

Telephone 307-674-6433



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

August 18, 2008

VeeAnn Woody
System Land, LLC
2 Soldier Creek Road
Sheridan, WY 82801

RE: Cloud Peak Ranch, 13th Filing (Sanitary Sewer Main Extension),
City of Sheridan, WY

AUTHORIZED BY AUTHORITY OF

Water Quality Rules and
Regulations, Chapter III

Director
Department of Environmental Quality

PERMIT NO. 10-059

DATE 2/22/10

BY Suzanne Engels
WDEQ #08-440

Dear VeeAnn:

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

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

Sincerely,

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

Enclosures: General Permit, Certificate of Completion

cc: Jeff M. Feck, P.E., Vista West Engineering, P.O. Box 785, Sheridan, WY 82801
Chris Knodel, City of Sheridan
WDEQ File
IPS (Cheyenne)





Vista West Engineering
PO Box 785
Sheridan, WY 82801

307-672-9310
www.vistawestengr.com

September 23, 2008

Received

SEP 25 2008

Casper DEQ

Karen Farley, PE
Northeast District Supervisor
Wyoming Dept. of Environmental Quality/WQD
152 North Durbin Street, Suite 100
Casper, WY 82601

Re: Cloud Peak Ranch - Thirteenth Filing
Permit Number 08-440
Vista West Project #02031031.105

Dear Karen:

Enclosed you will find the Certification of Completion for the Cloud Peak Ranch - Thirteenth Filing project for your records.

Please note that once this project is formally accepted by the City of Sheridan, a permit transfer request will be completed (from System Land, LLC to the City of Sheridan).

Thanks again for your assistance in this project. Please let me know if you have any questions.

Sincerely,

Vista West Engineering
Jeff M. Feck, PE
Project Manager

Enc.

copy: Mike Cole, PE, City of Sheridan
Jeff Laurien, MScP, City of Sheridan

ec: Don Roberts, System Land LLC
VeeAnn Woody, System Land LLC

CERTIFICATION OF COMPLETION

Received

SEP 23 2008

Casper DEQ

In accordance with the condition of the Wyoming Department of Environmental Quality Water Quality Division Permit to Construct No. 08-440, requiring submittal of this Certification of Completion within sixty (60) days of completion of the facility, I hereby certify:

1. Construction of the permitted facility was completed on August 29, 2008 (DATE) and the facility was placed in operation on September 23, 2008 (DATE).

2. Construction was completed in accordance with the following: (Check the appropriate option)

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

The facility was constructed with changes or modifications in accordance with the provisions of Section 9, Chapter 3, Wyoming Water Quality Rules and Regulations. As-built plans and specifications, certified by a registered professional engineer (certification by an engineer is not required if the original application was not certified by an engineer) are enclosed.

SYSTEM LAND, LLC

VEEDAM WOODY, Agent
Facility Owner (print or type)

Date 9.8.08

Owners Signature

VISTA WEST ENGINEERING

JEFF M. FECK, PE

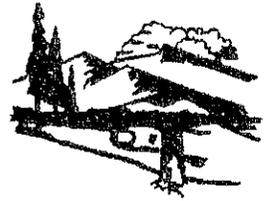
Engineer (print or type)

Jeff M. Feck
Engineer's Signature

Date 9.8.08



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 22, 2010

Lane Thompson
City of Sheridan
P.O. Box 848
Sheridan, WY 82801

RE: Transfer of Ownership,
Cloud Peak Ranch -Thirteenth Filing
Sheridan County, Reference Permit #08-440
Permit #10-059

Dear Mr. Thompson:

The above Transfer of Ownership for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations (WWQRR) and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the WWQRR has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

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

Sincerely,

Suzanne Engels
WDEQ/WQD

Enclosures

SE/rm/10-0131

cc: IPS, Cheyenne
WDEQ Casper File
VeeAnn Woody, System Land, 2 Soldier Creek Road, Sheridan, WY 82801
Jeff Feck, Vista West Engineering, P.O. Box 785, Sheridan, WY 82801

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

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

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

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

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

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

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



PERMIT TRANSFER REQUEST

SF

PERMIT TRANSFER REQUEST

Date: ~~1-2-10~~ 2-2-10

Water Quality Division
Department of Environmental Quality
122 West 25th Street
Herschler Building
Cheyenne, WY 82002

10-059

To Whom It May Concern:

SYSTEM LAND, LLC intends to transfer ownership of the facility
(Original Owner)
CITY OF SHERIDAN associated with Permit Number 08-440 to
(New Owner)
on 2/1/2010. It is requested that the said permit be transferred to the new owner in
(Date)

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

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

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

VEDDUM WOODY, Agent
Signature of Original Owner

Dave Kinney
Signature of New Owner

Name SYSTEM LAND, LLC

Name CITY OF SHERIDAN

Address 2 SOLDIER CREEK ROAD

Address P.O. BOX 848

SHERIDAN, WY 82801

SHERIDAN, WY 82801

Telephone 307-752-2551

Telephone 307-674-6483



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 19, 2010

Town of Encampment
Greg Salisbury, Mayor
P.O. Box 5
Encampment, WY 82327

RE: Town of Encampment 2010 Water and Sewer Improvements;
Application No. **10-060**, Carbon County

Dear Mr. Salisbury:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as replacing 26 blocks of water mains, and replacing 19 blocks of sanitary sewer; Section 1, Section 2, 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 water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by March 19, 2012.

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. **10-060** in any future correspondence.

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

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/10-0225

cc: IPS, Cheyenne
Ken Schwerdt, PMPC Civil Engineers, P.O. Box 370, Encampment, WY 82327

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

ADMIN/OUTREACH (307) 777-7937 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5816	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 23, 2010

State of Wyoming- Department of A &I, Construction Management
James Chaput, WY Dept A& I – Project Manager
700 W. 21st Street
Cheyenne, WY 82002

RE: State Fairgrounds Middle Campground Water and Sewer Replacement Project,
Application No. **10-061**, Converse County

Dear Mr. Chaput :

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described a replacement of existing water mains with new 6 inch diameter PVC water mains and replacement of existing sanitary sewer with new 8 inch diameter PVC C900 water line, Section 8, T32N R71W; 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, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by March 22, 2012.

At crossings, both lines shall be laid so that there are no joints or taps within 10 feet of the crossing. Structural analysis must be provided to establish the upper line can bridge an excavation for the lower line.

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. **10-061** in any future correspondence. If you have any questions, please contact me at 307-777-7075.

Sincerely,

Richard R. Cripe PE
Southeast District Engineer
Water Quality Division

RRC/rm/10-0228

cc: IPS, Cheyenne
Mark Butler, Inberg-Miller Engineering, 350 Parsley Boulevard, Cheyenne WY 82007

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

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

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

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

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

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

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

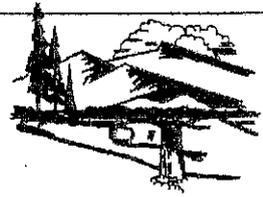
WATER QUALITY
(307) 777-7781
FAX 777-5973





Department of Environmental Quality

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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 26, 2010

Kreg Lombard, Mayor
City of Worland
P.O. Box 226
Worland, WY 82401

RE: Block 16 Everett Sewer Main Replacement. DEQ Permit #10-062, Washakie County,
Lat 44.0129, Long -107.9407

Dear Mayor Lombard,

This project consists of the replacement of a 257 foot segment of existing 6-inch PVC pipe between two existing 8-inch SDR35 PVC pipes. The replacement of the existing segment will make the sewer main a continuous length of 8-inch sewer pipe.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Part B 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. 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 Hannes Stueckler at 307-335-6964 or James Brough at 307-335-6961.

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

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





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

March 23, 2010

Andy Schwartz, Chair
Teton County Commission
P. O. Box 3594
Jackson, WY 83001

RE: No Adverse Recommendation, Donaghmore Subdivision, Teton County, WDEQ
Application #10-063

Dear Mr. Schwartz:

The Wyoming Department of Environmental Quality (WDEQ) has completed the review of the above referenced subdivision pursuant to W.S. 18-5-306. This letter constitutes our conclusions regarding the feasibility of the proposed water and sewage systems pursuant to the W.S. 18-5-306 (c).

Summary of Proposed Subdivision

The proposed four-lot subdivision is located about one mile to the West-Southwest of Teton, WY. The Parcel is located on a hillside and is above the floodplain of the Snake River. The proposed subdivision will split the existing parcel into one large lot of 57.43 acres, and three small residential lots of approximately 3.7 acres. All lots are currently undeveloped, and will be served by individual septic systems and water wells.

Findings As To The Safety And Adequacy Of The Proposed Sewage System

Individual onsite septic systems are proposed for all 4 lots. Two site limitations were indentified- steep slopes and shallow bedrock. Sites with this limitation may require a mounded, pressure dosed leachfield system.

DEQ recognizes that improved treatment of pathogens can be achieved in the subsurface soil when the wastewater is pressure dosed, rather than gravity fed. Modeling of two-year pathogen travel time resulted in a travel distance of approximately 1,800 feet and triggers the requirement for enhanced wastewater treatment systems. As Per Chapter 23, Section 7 (d)(i) the consultant was specific as to strategies that will mitigate these site limitations. DEQ is in agreement with the recommendation for enhanced treatment.

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



A plat notation should clearly identify the need for engineered septic systems, and should indicate that a mounded leachfield will be required where shallow bedrock is encountered.

Findings As To The Safety And Adequacy Of The Proposed Water System

The proposed subdivision already uses individual on-site wells for drinking water. Water quality test results from the two existing wells indicate that the water from the wells meets EPA drinking water standards and is suitable for human consumption; however, no coliform analysis was performed. DEQ recommends that all wells be tested for total coliform upon completion. DEQ also understands that the quantity of the aquifer is adequate.

Conclusion(s):

WDEQ has "no adverse" recommendations for the proposed subdivision, but requests that the following actions be taken:

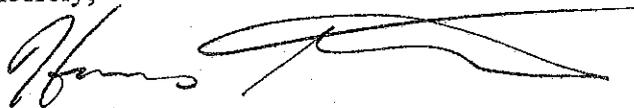
- Include a plat notation indicating the necessity for engineered septic systems on the lots.
- Include a plat notation indicating that a mounded leachfield will be required where shallow bedrock is encountered.
- Require all wells on site be tested for total coliform upon completion.

Disclaimer

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

Please do not hesitate to contact me at (307) 332-3144 if you have any questions on the recommendations or need any assistance on how to proceed with this application.

Sincerely,



Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

cc: Richard A. Lee, P.O. Box 121, Teton Village, WY 83025
Philip Gyr, Nelson Engineering, P.O. Box 1599, 430 South Cache, Jackson, WY 83001
Planning Director, Teton County Planning Department, P.O. Box 1727, Jackson, WY 83001
Ray Shriver, Teton County Engineering Department, P.O. Box 3594, Jackson, WY 83001
DEQ Subdivision File



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

March 12, 2010

Chris Crow
MC2 Engineering
1101 Sugarview Drive, Ste 201
Sheridan, WY 82801

RE: Return of Application for the UCross Land Company, Commercial Small Wastewater System,
Sheridan County; WDEQ Permit Number 10-064

Dear Mr. Crow:

The Wyoming Department of Environmental Quality/Water Quality Division (DEQ) received an application for a Permit to Construct for the UCross Land Company, Small Wastewater System (SWWS) on February 22, 2010. This project is located in Sheridan County which has been delegated to permit both residential and commercial SWWS that are designed to be less than 2,000 gallons per day.

Since this project is located in a delegated County and the design flows are less than 2,000 gallons per day, a review by DEQ is not required. Review and permitting will be handled through Sheridan County. If you have questions regarding this construction permit, please contact the Sheridan County Public Works Office at (307) 674-2920.

Therefore, we are returning the application materials to you. If you have any questions, please contact me at (307) 473-3478 or kfarley@wyo.gov

Sincerely,

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

cc: Ken Muller, Sheridan County, 224 S. Main St. Suite B8, Sheridan, WY 82801
UCross Land Company, 30 Big Red Lane, Clearmont, WY 82835

IPS
WDEQ File





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 22, 2010

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

RE: ESSI North Subdivision, WDEQ Application 10-065
Wyoming DEQ has - **NO ADVERSE** - Recommendations

Dear Commissioners:

The Wyoming Department of Environmental Quality has completed the review of the proposed 2-lot ESSI North Subdivision, located in the NW $\frac{1}{4}$, SW $\frac{1}{4}$ of Section 11, 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 systems consisting of conventional septic tanks and leachfields. Both proposed lots have already had DEQ-permitted septic systems constructed prior to this Chapter 23 report (Permit Numbers 08-414 and 08-818). The information submitted addresses the safety and adequacy of the proposed sewage system.

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

The proposed water system is to connect on to the Wrangler Estates Inc. Water Utility. The consultant has provided information that demonstrates that Wrangler Estates has adequate supply to accommodate this proposed development. Because the water system is defined as a public water supply, it is required to perform periodic sampling and provide results to EPA in order to demonstrate compliance with drinking water standards. Further, Wrangler Estates Inc. Water Utility has provided documentation stating that they are willing to supply water to this two lots. WDEQ has reviewed the information submitted and is satisfied that the proposed connection to the existing water system is feasible.

A separate Permit to Construct may be required from Campbell County prior to construction of the service lines to these two lots. DEQ requires a construction permit for any service line which will serve two or more users.



Conclusions:

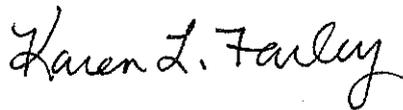
The Wyoming Department of Environmental Quality has "No Adverse" recommendations applicable to the ESSI North Subdivision.

Disclaimer:

The Non-Adverse recommendation provided above has nothing to do with, nor has any bearing on the water rights associated with the ESSI North Subdivision. Any questions or concerns about the water rights for the ESSI North Subdivision 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 ESSI North Subdivision shall be construed to relieve E&S Services 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 water supply.

Sincerely,



Karen L. Farley, P.E.
Northeast District Supervisor
Water and Wastewater Program, Wyoming Water Quality Division

cc: Jess Anderson, E&S Services, P.O. Box 697, Gillette, WY 82717
John Wetstein, P.E./P.G., Wester-Wetstein and Associates, Inc., P.O. Box 2202, Laramie, WY 82073
Phillip Giffin, Campbell County Public Works, 500 S. Gillette Ave., Suite 1400, Gillette, WY 82716
WDEQ Subdivision file
(IPS) Cheyenne



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 24, 2010

Robert O. Greer
2305 Fletcher Park Road
Wheatland, WY 82201

RE: Greer House - Triangle Bar Ranch - Septic System,
Location: SW¼ SW¼, Section 30, T25N, R68W,

Application No. **10-066**
Platte County

Dear Mr. Greer:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility for a **3 bedroom** house in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 11, Part D of the Water Quality Division Rules and Regulations, the general permit, the 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. Additionally, the following project specific condition also applies:

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

The approval granted under this Notification Of Coverage and the General Permit shall expire on March 24, 2012. Please reference Application Number **10-066** in any future correspondence.

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

Sincerely,

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

RLE/rm/10-0233

Enclosures: GENERAL PERMIT - Small Wastewater Facility
Certificate of Completion

cc: IPS, Cheyenne
Norb Olind Construction, 1457 Zorn St., Wheatland, Wyoming 82201
Platte County Planning Office, Dennis Becker, P.O. Box 728, Wheatland,
Wyoming 82001

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

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

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-067

FORT FETTERMAN PRODUCTION WELL PROJECT
PWS NOT ASSIGNED

This permit hereby authorizes the applicant:

Wyoming Department of State Parks And Cultural Sites
Division of State Parks and Historical Sites
2301 Central Ave.
Barret Bldg 4 th Floor
Cheyenne, WY, 82002

to construct, install or modify one Municipal Water Supply Well according to the procedures and conditions of the application number 10-067. The facility is located in NW ¼ NW ¼ Sections 10, T33N R72W; Converse County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed March 24, 2012.

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

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

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

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

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

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

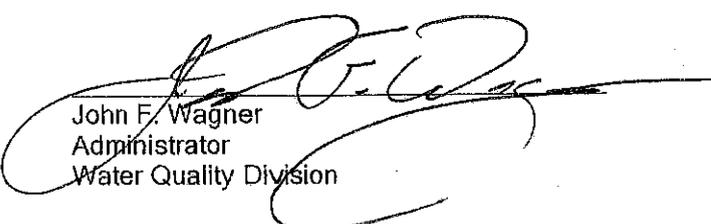
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

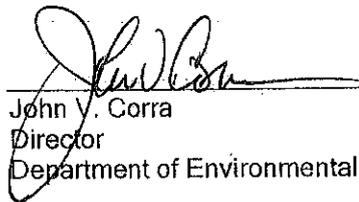
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

1. The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7075, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
2. Separate permits to construct will be required for the improvements necessary to the well 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

3/26/10

RRC/rm/10-0240

STATEMENT OF BASIS

1. Permit Number: **10-067**
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, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on March 26, 2010. 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.

John Corra, Director

Dave Freudenthal, Governor

NOTIFICATION OF COVERAGE

April 6, 2010

Mike Boling
Rio Vista Water & Sewer District
4353 Rio Verde Drive
Jamestown, WY 82935

RE: Waterline Extension, Rio Vista Water and Sewer District - Permit Number 10-068RR, Lat 41°33'23"N, Lon 109°31'24"W, Jamestown, Sweetwater County

Dear Mr. Boling:

The above application for coverage under a General Permit to Construct a water main distribution system looped extension of approximately 425 linear feet of 6 inch C-900 PVC with appurtenances in Jamestown to be constructed in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

Perry Roberson
Project Engineer
Water Quality Division

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

PDF: Cheyenne
Mark Davidson, Sunrise Engineering, 720 E Highway 414, Mountain View, WY 82939

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. 10-069

Town of Clearmont Wastewater Lagoon Improvements 2010

This permit hereby authorizes the applicant:

Town of Clearmont
Box 127
Clearmont, WY 82835

to construct, install or modify the Town of Clearmont Wastewater Lagoon Improvements – 2010, according to the procedures and conditions of the application number 10-069. The facility is located in the NE ¼ of Section 21, Township 54 North, Range 79 West, Sheridan County, immediately east of the Town of Clearmont, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2011.

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

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

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

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

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

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

1 of 4

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

2 of 4

Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

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

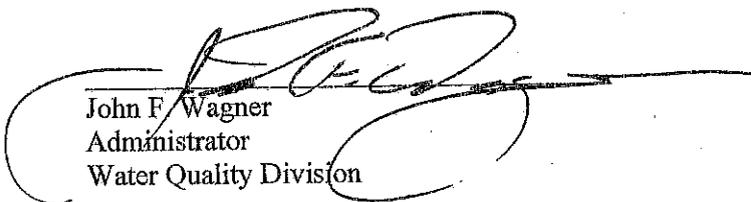
3 of 4

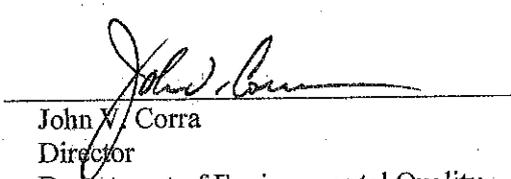
Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.

4 of 4

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John X. Corra
Director
Department of Environmental Quality

4/22/10
Date of Issuance

KLF/rm/10-0326

cc: Dave Engels, P.E., EnTech, Inc., 1949 Sugarland Drive, Suite 205, Sheridan, WY 82801

STATEMENT OF BASIS

1. Permit Number: **10-069**
2. Application reviewed for compliance with the following applicable regulations :
Chapter 3 and Chapter 11 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
N/A
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on April 21, 2010. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality

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



Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 23, 2010

Mary Lankford, Sublette County Clerk
Pinedale
P.O. Box 642
Pinedale, WY 82941

RE: Pinedale - Taylor Addition First Amendment 10-070, Modified Sewer Collection from Previous Permit #07-380R, SW1/4, Sec 34, T34N, R109W Sublette County

Dear Mary Lankford:

The above application for coverage under General Permits to Construct, replacement and/or modification to a public sewer collection system consisting of 1920 linear feet of 8 inch PVC sewer main with appurtenances to be constructed in accordance with Chapter 3, Section 7, Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and Wyoming DEQ/WQD Policy 13.9.13 (flat grade policy) has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

Perry Roberson
Project Engineer
Water Quality Division

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

xc: IPS, Cheyenne

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-071R

BLM - Warren Bridge Campground Chlorination System
PWS Number WY5680147

This permit hereby authorizes the applicant:

Steven Boyer, P.E.
Bureau of Land Management
280 Highway 191 North
Rock Springs, WY 82901

to construct a public water supply chlorination system consisting of an existing water well, well house, discharge piping and a sodium hypochlorite chlorinator according to the procedures and conditions of the application number 10-071R. The facility is located about 19 miles north of the Town of Pinedale adjacent to Wyoming 191 North, within the NE ¼ of the SE ¼ Section 8, T35N, R111W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by April 29, 2012.

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations.

It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

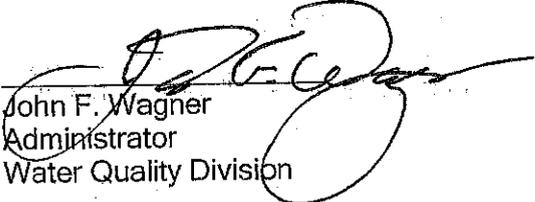
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

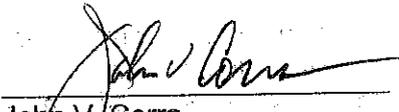
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

5-11-10
Date of Issuance

MDB/rm/10-0392

STATEMENT OF BASIS

1. Permit Number: 10-071R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12.
3. Does the permit comply with all applicable regulations identified above? Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Water well systems are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mbaron@wyo.gov, and completed on April 29, 2010. 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: Steven Boyer, P.E., Bureau of Land Management, 280 Highway 191 North,
Rock Springs, WY 82901

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-072

City of Green River Southside Water System Improvements
PWS # 5601181

This permit hereby authorizes the applicant:

Mike Nelson
Director of Public Works
50 E. 2nd N.
Green River, WY 82935

to replace and upgrade the water distribution network located at the southside of Green River to include transmission extensions, pump station relocation, reconfiguration of pressure zones with appurtenances and storage tank rehabilitation. The upgrades will include both PVC and ductile iron ranging in diameter from 8-18 inches and will be installed according to the procedures and conditions of the application number 10-072. The facilities are located in Green River at Lat 41.50512392, Lon -109.4792262 in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 31, 2012.

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

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

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

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

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

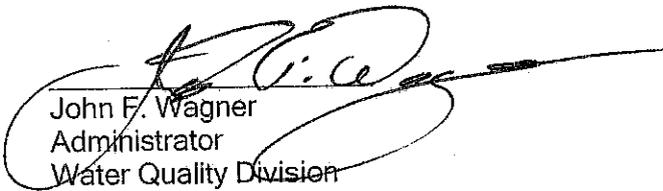
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

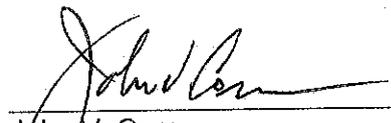
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

9/2/10
Date of Issuance

PDR/rm/10-0261

STATEMENT OF BASIS

1. Permit Number: 10-072
2. Application reviewed for compliance with the following regulations:
Chapters 3, and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
NA.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Perry Roberson and approved by Mark D. Baron, P.E., mbaron@wyo.gov, Southwest District Engineer and completed on March 31, 2009. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

cc: Leon R. Kjellgren, Nelson Engineering, P.O. Box 1599, Jackson, WY 83001

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-073R

Town of Marbleton - Wastewater Treatment Plant Upgrade

This permit hereby authorizes the applicant:

Jim Robinson
Town of Marbleton
10700 Hwy 189
Marbleton, WY 83113

to construct a wastewater treatment plant upgrade with an average summer day flow capacity of 0.42 MGD & an average winter day flow capacity of 0.82 MGD and a peak hour flow capacity of 1.23 MGD. The system consists of a 1.23 million gpd headworks, two 1.88 million gallon anaerobic ponds, two 11,475 cubic foot nitrification tanks, one 7.06 million gallon aerobic pond and two 1.23 million gallon UV disinfection system channels according to the procedures and conditions of the application number 10-073R. The facility is located about 0.25 miles east of the Town of Marbleton, within the NE ¼ Section 29, T30N, R111W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 16, 2012.

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations.

It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

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

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

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

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

6/19/10
Date of Issuance

MDB/rm/10-0525

STATEMENT OF BASIS

1. Permit Number: 10-073R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11.
3. Does the permit comply with all applicable regulations identified above? Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Both the anaerobic and aerobic ponds will be lined with a 60 mil HDPE liner. This will prevent contamination of the groundwater.
5. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mbaron@wyo.gov, and completed on June 16, 2010. 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: Jason Broome, P.E., Forsgren Associates, Inc., 370 East 500 South, Suite 200, Salt Lake City, UT 84111

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-073R

Town of Marbleton - Wastewater Treatment Plant Upgrade

This permit hereby authorizes the applicant:

Jim Robinson
Town of Marbleton
10700 Hwy 189
Marbleton, WY 83113

to construct a wastewater treatment plant upgrade with an average summer day flow capacity of 0.42 MGD & an average winter day flow capacity of 0.82 MGD and a peak hour flow capacity of 1.23 MGD. The system consists of a 1.23 million gpd headworks, two 1.88 million gallon anaerobic ponds, two 11,475 cubic foot nitrification tanks, one 7.06 million gallon aerobic pond and two 1.23 million gallon UV disinfection system channels according to the procedures and conditions of the application number 10-073R. The facility is located about 0.25 miles east of the Town of Marbleton, within the NE ¼ Section 29, T30N, R111W in the county of Sublette, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 16, 2012.

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations.

It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

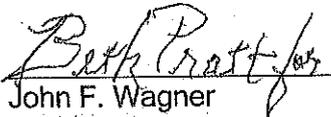
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

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

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

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

6/19/10
Date of Issuance

MDB/rm/10-0525

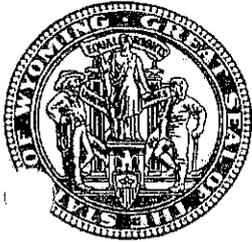
STATEMENT OF BASIS

1. Permit Number: 10-073R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11.
3. Does the permit comply with all applicable regulations identified above? Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Both the anaerobic and aerobic ponds will be lined with a 60 mil HDPE liner. This will prevent contamination of the groundwater.
5. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mbaron@wyo.gov, and completed on June 16, 2010. 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: Jason Broome, P.E., Forsgren Associates, Inc., 370 East 500 South, Suite 200, Salt Lake City, UT 84111



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

May 5, 2010

Phil Barnes, Environmental Project Mgr
Shell Western Exploration and Production
P.O. Box 1666
Pinedale, WY 82941

RE: Septic System for Shell Central Liquids Processing Facility #10-074R, Sec 5, T31N, R109W, Sublette County

Dear Mr. Barnes:

The above application for coverage under General Permits to Construct a 2000 gallon septic tank and four lateral 352 foot infiltrator leach field (32X88 feet) to serve personnel at the Shell Central Liquids Processing Facility to be constructed in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permits. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

Perry Roberson
Project Engineer
Water Quality Division

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

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, PO Box 722 Pinedale WY
Cristina D. Willhelm P.E., Inberg-Miller Engineers, 124 East Main, Riverton, WY 82501

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-075

REFERENCE PERMIT NO. 92-002, 05-696, 07-261

CATHEDRAL HOME FOR CHILDREN CHLORINATION SYSTEM
PWS WY5600880

This permit hereby authorizes the applicant:

Cathedral Home for Children
P.O. Box 520
Laramie, WY 82073

to construct, install or modify a chlorine pump and add a low pressure switch according to the procedures and conditions of the application number 10-075. The facility is located in NW1/4 Section 16 T16N R73W; Albany County, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed April 2, 2012.

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

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

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

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

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

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

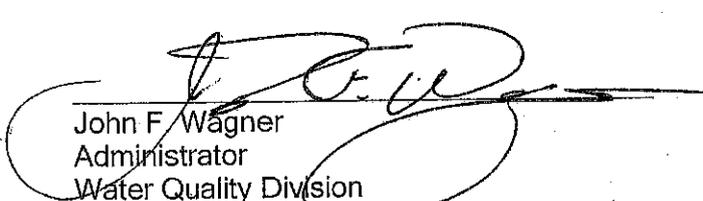
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

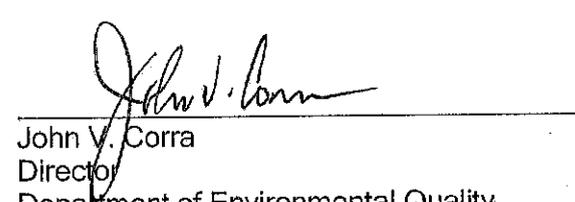
permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization that may be required by any provision of federal, state or local laws.

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

- 1 The applicant will provide immediate oral or written notice to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002, Phone 307-777-7075, FAX 307-777-7610, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 An operation and maintenance manual for the water system must be submitted to the Southeast District Engineer of the Water Quality Division for approval. The operation and maintenance manual for the water system should meet the requirements of Section 16, Chapter 12, Wyoming Water Quality Rules and Regulations.
- 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Southeast District, Water Quality Division, Herschler Building 4 West, Cheyenne, WY, 82002 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 4 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

Date of Issuance

4/2/10

RRC/rm/10-0270

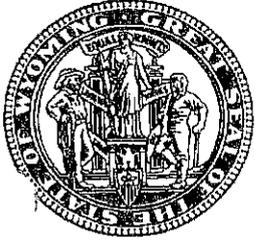
STATEMENT OF BASIS

1. Permit Number: 10-075
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 April 2, 2010. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 5, 2010

Matthew S. Schneider
RLS Properties, LLC
1905 S Flat rd.
Worland, WY 82401

RE: Roma Flats Water Main. DEQ Permit #10-076, Washakie County, Lat 43.9322,
Long -107.9933

Dear Mr. Schneider,

This project consists of the installation of a potable water distribution system for the new four lot subdivision. The distribution system will be incorporated into the Washakie Rural Improvement and Service District upon completion.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7, and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

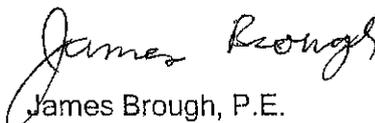
These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

http://deq.state.wy.us/wgd/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
Assistant Northwest District Engineer
Water Quality Division


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

xc: PDF to Cheyenne
David Anderson P.E., Donnel & Allred, Inc. Box 638, Worland, WY 82401

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

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

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

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

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

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





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

April 30, 2010

Ed Nowak, P.E.
Camp Creek Engineering, Inc.
410 E. Grand Avenue, Suite 205
Laramie, WY 82070

RE: Water Unlimited Connection Building and Water Main Replacement
WDEQ Application #10-077

Dear Mr. Nowak:

We have completed our review of the permit application submitted on March 1, 2010. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3478 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: Bill Carson, Salt Creek Water District, P.O. Box 847, Newcastle, WY 82701
IPS
WDEQ File



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

PROJECT: Water Unlimited Connection Building and Water Main Replacement

LOCATION: Newcastle, Wyoming

ENGINEER: Camp Creek Engineering, Inc.

APPLICANT: Salt Creek Water District

WATER QUALITY DIVISION APPLICATION NUMBER: 10-077

DATE ON PROPOSAL/PLANS/REPORT: February, 2010

DATE RECEIVED BY DEQ: March 1, 2010

DATE OF THIS REVIEW: April 30, 2010

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

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

WDEQ COMMENTS

- 1) Please provide a letter of acknowledgement or acceptance from the Water Unlimited Company that states their willingness to allow this construction and provide water to the Salt Creek Water District.
- 2) Under what conditions will the Salt Creek Water District request water from Water Unlimited and how much is allowed? Has a new agreement been drafted and approved? If so, please provide.

- 3) Please show the location of the Water Unlimited Connection building on the Location Map (Sheet G-2).
- 4) Please comment on the hazard classification for the re-connected service lines.
- 5) The design report states that back-up power is not needed as the building will function without power; however, the drawings show a new feeder line to the building from the existing electric meter (Sheet C-1). It is assumed that this power is for the mag meter, heater and lighting; please address this discrepancy.
- 6) The design report did not state the reason why Salt Creek Water District desires another back-up water source, other than to say they wanted one. Could you please expound on this a bit more? Under DEQ Permit Number 01-233, it was stated in the design report that Water Unlimited had high demands on it and this resulted in low pressures within the District and this is why the new well was drilled back in 2002.
- 7) There may potentially be water rights issues associated with this project; has the State Engineer's Office been contacted, and if so, please provide the documentation that they have approved this use.
- 8) The design report states that the connection building piping will allow for water to flow back from the District to Water Unlimited; this is potentially a contamination issue. Please address why this is being designed into the system.
- 9) What kinds of disinfection capabilities are involved? Is the water from Water Unlimited disinfected at any point? Does Salt Creek Water District provide disinfection?
- 10) The special provisions state that the fire hydrant weep holes are to be permanently plugged – is this due to groundwater or some other reason? Does the district need to be aware of this so that they can drain it prior to freezing temperatures setting in?
- 11) The bid schedule shows 1,800' of line being replaced; the application form states 5,000'; the profiles give approximately 3,450'. Please address.
- 12) The profiles show a couple of locations where high points may be created due to the alignment of the water line; please address.
- 13) Please comment on the rationale for replacing the 4" AC line with 6" as opposed to 8".
- 14) Please provide special construction methods required for working in and around the AC water line.

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-077

REFERENCE PERMITS NO. N/A

Water Unlimited Connection Building and Water Main Replacement

This permit hereby authorizes the applicant:

Salt Creek Water District
P.O. Box 847
Newcastle, WY 82701

to construct, install or modify the Water Unlimited Connection Building and Water Main Replacement, according to the procedures and conditions of the application number 10-077. The facility is located in the City of Newcastle, WY. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2011.

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

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

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

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

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

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

1 of 3

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

2 of 3

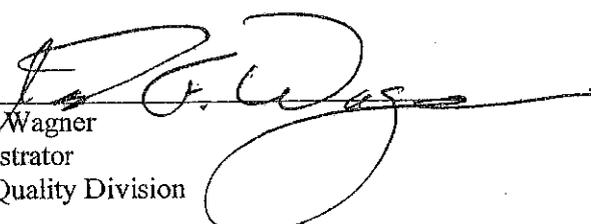
Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

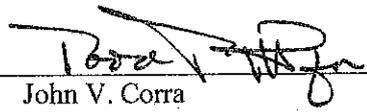
- a. Date that construction of the facility was completed; and
- b. Date that the facility was placed in operation; and
- c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
- d. Certification the facility was completed with changes or modifications. 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

7-15-10
Date of Issuance

KLF/rm/10-0589

cc: Ed Nowak, P.E., Camp Creek Engineering, Inc., 410 E. Grand Avenue, Suite 205, Laramie, WY 82070

STATEMENT OF BASIS

1. Permit Number: **10-077**
2. Application reviewed for compliance with the following applicable regulations:
Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on July 13, 2010. 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. 10-078

REFERENCE PERMITS NO. N/A

Upton Regional Industrial Park, Water and Sewer Improvements

This permit hereby authorizes the applicant:

City of Upton
725 2nd Street
Upton, WY 82730

to construct, install or modify the Upton Regional Industrial Park, Water and Sewer Improvements, according to the procedures and conditions of the application number **10-078**. The facility is located in the NW $\frac{1}{4}$ and SW $\frac{1}{4}$ of Section 27, SE $\frac{1}{4}$ of Section 28, NW $\frac{1}{4}$ and NE $\frac{1}{4}$ of Section 34, Township 48 North, Range 65 West, Weston County, City of Upton, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2011.

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

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

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

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

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

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

1 of 4

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

2 of 4

Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

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

3 of 4

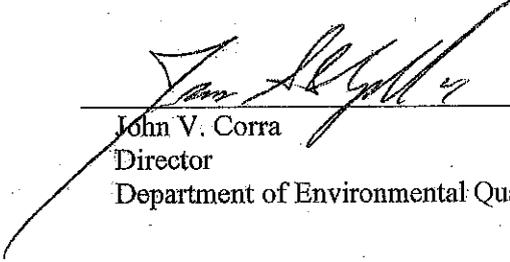
Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.

4 of 4

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

5-4-10

Date of Issuance

KLF/rm/10-0361

cc: Kenneth C. Rathbun, P.E., Bearlodge Ltd., Inc., 420 Cleveland Street, Sundance, WY 82729

STATEMENT OF BASIS

1. Permit Number: **10-078**
2. Application reviewed for compliance with the following applicable regulations:
Chapter 3, Chapter 11, and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?
YES
4. Facilities include components not specifically covered or differing from applicable regulations and approval is based upon a deviation in accordance with Section 5.
N/A
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on April 30, 2010. 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. 10-079

Hudson Alluvial Well Project
PWS #WY5600183

This permit hereby authorizes the applicant:

Jake Hamon, Mayor
Town of Hudson
P.O. Box 56
Hudson, WY 82501

to drill, develop and equip ten (10) shallow, alluvial wells and install a water collection manifold, according to the procedures and conditions of the application number 10-079. The water from the shallow wells will receive treatment in order to be compliance with EPA's surface drinking water regulations. The project is located at 42.9044 North latitude and 108.583 West longitude in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 31, 2012.

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

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

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

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

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

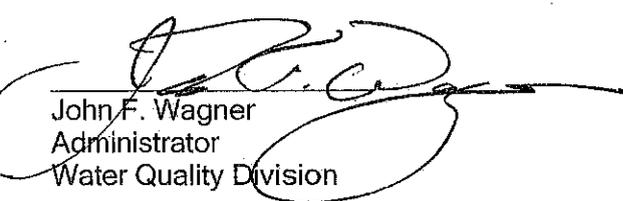
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview 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

3/30/10
Date of Issuance

JSB/rm/10-0248

STATEMENT OF BASIS

1. Permit Number: 10-079
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 requested from Chapter 12, Section 9(b)(iii)(D)(IV) in that the design has specified side mounted pitless adaptor units that can be removed in the event it is necessary to re-develop the wells. The wells could be subjected to flooding. DEQ hereby grants a variance since the well water will receive treatment as if it was surface water.

A variance is requested from Chapter 12, Section 9(b)(iii)(II)(2) to no perforations in the casing from 12 inches above the ground to 10 feet below the ground. A hole must be cut in the side of the casing below the frost line to install the pitless adaptor. This variance is hereby granted.

A variance is requested from Chapter 12, Section 9(b)(iii)(B)(IV)(2) which requires a 10-foot surface seal. DEQ hereby grants a variance to this regulation, again since the well water will be treated as if it was surface water.

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

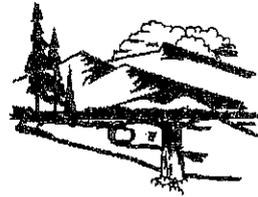
The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James Brough, jbroug@state.wy.us, Northwest District Engineer and completed on March 15, 2010. 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: Calvin Twiford, P.E., James Gores & Associates, 111 N. Third East, Riverton, WY 81501
Larry Wester, P.E., Wester, Wetstein & Associates, 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.



Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 15, 2010

Fred Firnekas, Mayor Pro Tem
Own of Ten Sleep.
415 Fifth Street
Ten Sleep, WY 82442

RE: Town of Ten Sleep Well House and Tank Isolated Water Transmission Line Project. DEQ Permit #10-080, Washakie County, Lat. 44.03778, Long -107.44889

Dear Mayor Firnekas,

This project consists of the construction of an isolated water transmission line that will eventually connect the Town's production wells to a storage tank that is to be built at a later date.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7, and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

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

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

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: PDF to Cheyenne
Jim A. O'Neil II P.E. Lidstone and Associates, Inc., 4025 Automation Way, BLDG E. Fort Collins, CO 80525





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

March 12, 2010

Wyoming Department of Transportation
Attention: Larry Lijewski, Facility Construction Coordinator
5300 Bishop Boulevard
Cheyenne, WY 82009-3340

RE: Shirley Basin Rest Area and Shirley Rim Maintenance Facility Lagoon Modifications, As- Built Permit To construct, WQD Reference Number **10-082**.

Dear Mr. Lijewski:

The Department of Environmental Quality/Water Quality Division(DEQ/WQD) has reviewed the above referenced As- Built Application submitted by your Engineer, Robert Bennett, P.E. Our review of the information and as-constructed plans submitted to this office indicates that the application meets DEQ/WQD regulations and the enclosed As-Built permit to construct is hereby issued. The enclosed permit covers the reconstructed of lagoons with consist of a new 45 min polypropylene reinforced geomebrane liner and abandonment of existing lagoon cells.

An NOV was issued to WYDOT and Robert Bennett of C.E.P.I. for not having a permit to construct, install or modify a sewage system on November 17, 2010. A settlement agreement was reached and all signatures completed March 4, 2010.

Sincerely,

John F. Wagner
Administrator
Water Quality Division

JFW/RRC/rm/10-0210

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

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

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

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

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

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

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

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



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

PERMIT NO. 10-082

REFERENCE PERMIT NO. 80-488 & 84-352

SHIRLEY BASIN REST AREA AND
SHIRLEY RIM MAINTENANCE FACILITY
LAGOON MODIFICATIONS

This permit hereby authorizes the applicant:

Wyoming Department of Transportation
Attention Larry Lijewski
5300 Bishop Boulevard
Cheyenne, WY 82009-3340

to have reconstructed two lagoons into one lagoon which consists of a new 45 min polypropylene reinforced geomembrane liner, and abandonment of existing lagoon cells according to the procedures and conditions of the application number 10-082. The facility is located in NE 1/4 Section 11, T28N R80W; Carbon County, in the State of Wyoming.

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

Granting this permit does not imply that DEQ guarantees or ensures that the permitted facility meets 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 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.

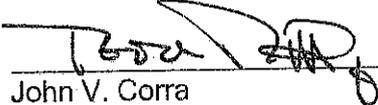
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization 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 The 45 mil polypropylene reinforced geomembrane Lagoon Liner will be installed with a thirty inch deep anchor trench as recommended by the installer. The liner shall be resistant to UV degradation.
- 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 3-15-10

RRC/rm/10-0210

STATEMENT OF BASIS

1. Permit Number: **10-082**
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.
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 R. Cripe, Southeast District Engineer, Water and Wastewater Section, Wyoming Department of Environmental Quality /Water Quality Division, and completed on March 12, 2010. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

April 2, 2010

Mr. Jeff Burnett
5453 CR 202
Carpenter WY 82054

Subject: Application 09-083

Dear Jeff:

On March 27, 2009, a review requesting additional information was sent to your engineer and you on your application 09-083 to add additional waste storage and treatment capacity at the Burnett Land and Livestock dairy. Because this division has not received a response since then, this permit application is being returned without action.

Should you choose to continue with this permit at a later time, please submit a new permit application along with the design report, plans, and specifications. The issues raised in the review mailed March 27, 2009 must be addressed before the permit application can be considered for approval. The return of the application will not delay the process should you decide to move forward with the project.

Please call me at 307-777-7088 if you have additional questions.

Sincerely,

Louis B. Harmon PE-PG
Water and Wastewater Program Manager
Wyoming Water Quality Division

LBH/rm/10-0268

Enclosure: Permit Application 09-083

cc: Lindsay Sartorius, AGPRO, LLC; 4350 Highway 66, Longmont, CO 80505

Mr. Roger T. Sterling, Earth Environmental Services, 626 North Hollywood St.
Fort Collins, CO 80521

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

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

ABANDONED MINES
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FAX 777-6462

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

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

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

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

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



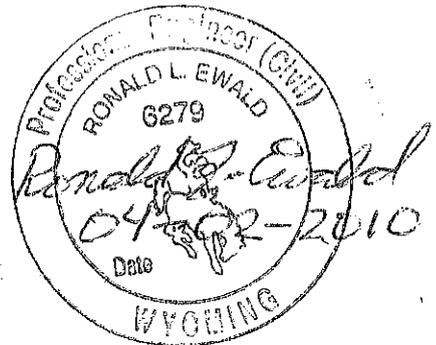
REVIEW OF PLANS AND SPECIFICATIONS
WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
Herschler Bldg., 4 West
Cheyenne, Wyoming 82002

PROJECT: Sundance Apartments, LLC – Water & Sewer Extensions
LOCATION: Lot #6, Block One, Gateway South Sub., 2nd Filing, Laramie County
ENGINEER: Roger Alworth
Vector Engineers
9138 South State Street #101
Sandy, Utah 84070
Ph. (801) 990-1775
APPLICANT: Sundance Apartments, LLC
Attn: Mark Hampton, Manager
9980 S. 300 W. #310
Sandy, Utah 84070
Ph. (801) 501-0727

WATER QUALITY DIVISION REFERENCE #: 10-083

REVIEWING ENGINEER: Ronald L. Ewald, P.E.
Phone: (307) 777-6183

DATE OF REVIEW: April 1, 2010



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Design Flow Numbers and Calculations are Not Consistent - the water demand design flow numbers that are provided for the various building numbers and building types are not consistent. Examples follow:
 - a. For building type "B" one-bedroom apartment 363 average gpd, two-bedroom 411 average gpd is only 48 gallons or 13% more than a one-bedroom unit. Should be double. Peak daily demand values of 711 and 837 gpd have the same issues. Report doesn't explain where these values come from, they just appear.
 - b. Building "B" peak daily demand for three(3) each two-bedroom apts should equal; $3 * 837\text{gpd} = 2511\text{gpd}$, but the design report says and uses 6648gpd. Which is it?
 - c. Building "D" average daily demand for three(3) each two-bedroom apts should equal; $3 * 441\text{gpd} = 1323\text{gpd}$, but the report says 1764gpd. Peak daily demand figures have the same problem.
 - d. For both buildings "B" and "C" they both say "*All two-bedroom suites*" but the subsequent calculations talk about and include figures for one-bdrm apts.

The Engineering Design Report(EDR) needs to be clear and consistent on what the design demand loads are for each type of building, including number and type of units in each building, and # of bedrooms in each type of unit. A separate chart showing all of the buildings, # and types of units in each, and total bedrooms per building without any demand calculations is suggested.

2. Design Flow Calculations Between Water Demand and Wastewater Outflow loadings are Not Consistent - The sewer outflow designs appear to be two(2) to 4 times larger than the water inflow demand design flows. For example, from the sewer report the sewer design outflows for Building #3 (type "B" building) are 7200gpd average and 28,800gpd peak daily flow. However, when comparing the sewer design flows to the design water demand flows for Building #3 the water report shows 3216gpd average and 6192gpd peak daily demand flows. This makes the average water inflow design only 45% of the average outflow, while the peak water inflow design is only 22% of the outflow. This would mean there is approximately 2 to 4 times more water going out of the building than comes into it.

It makes no sense to review the design reports in any further detail when the input design flows on both the water and sewer side are under so much question. The EDR design flows submitted must all be consistent with themselves throughout.

3. Fireflow Analysis - a few brief comments which should not be considered comprehensive because of the above concerns.

- a. The fire flow analysis pipe and junction map does not show the locations of the Fire Hydrants (FH-1, FH-2, etc.).
 - b. A detailed pressure and flow analysis of the interior building fire sprinkler system pipes and nodes is not needed. What is needed is analysis of the effects of the fire sprinkler system when it is on, on the distribution system up to the buildings. Flows and pressures at the individual building service connection points.
 - c. Instead of just submitting pages and pages of water model printouts, some attempt should be made to identify and explain the highlights of the various model runs, and maybe even mark them on the printouts.
4. Insufficient Water System Valves - there are no valves shown on the interior parts of the water distribution system, and at least a few will be required by the regulations[Chapter 12, Section 14(c)]. The only two valves indicated are at the two points where this project connects into the existing water distribution system.
5. Sewer Main Profile views Missing - both plan and profile views of the sewer lines are required to be submitted [Chapter 11, Section 7(b)]. There are no profile views for the interior north/south running sewer mains. Additionally, the plan and profile views should be on the same page and running in the same direction.

END OF REVIEW

RLE/rm/10-0269



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

August 31, 2010

Rockworth Companies
Attn: Steve Broadbent, Owner
9980 South 300 West, Suite 310
Sandy, Utah 84070

and

Roger T. Alworth, Wyoming P.E. #10139
Vector Engineers
9138 South State Street, #101
Sandy, Utah 84070

RE: Wyoming DEQ Final Approval of Water and Sewer Mains at Sundance Apartments Facility, Permit #10-083, in Compliance with Notice of Violation Settlement Agreement - OK, APPROVED to be put into service.

Gentlemen:

On August 27, 2010, myself and Ronald Ewald of the Wyoming Department of Environmental Quality(DEQ)/Water Quality Division (WQD) were onsite at the Sundance Apartments project to do some inspections and to observe the video camera recording of sewer lines. This onsite inspection is a follow-up to an inspection conducted by Rich Cripe on August 12, 2010 where several deficiencies were found. The following was determined:

- a. The sewer lines were found to be sufficiently cleaned out,
- b. Two spliced joints were day lighted. One joint was leaking and has been reconnected with the proper techniques and materials. These locations no longer leak.
- c. One joint was daylight to see if the joint were properly connected. It did not leak.
- c. The questionable sections of sewer main were videoed while water from a garden hose was flowing down the sewer. No leaks were observed at the joints, no ponding of water was observed, and the water flow was unobstructed and steady.

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

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

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

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

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

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

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

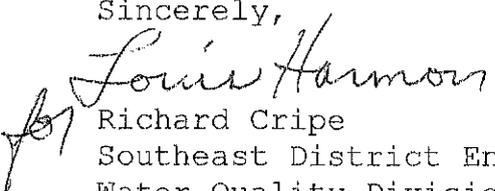


- d. The manhole deficiencies encountered on August 12th by Mr. Cripe were re-inspected by Ronald Ewald on August 17th and the problems were all satisfactorily demonstrated to be properly taken care of.
- e. On August 25, 2010, the entire water distribution system was filled with water and pressurized to conduct a pressure test. Mr. Richard Adamson of the South Cheyenne Water & Sewer District (SCW&SD) was present during the test. The test results of pressure versus time were recorded and supplied to DEQ for review. The DEQ/WQD conclusion is that the water system, after an initial pressure stabilization period, adequately maintained pressure within tolerances for more than the required time. The water system satisfies the DEQ concerns and is OK to put into service.

In summary, the concerns of Mr. Cripe's August 12th inspection and the requirements of the settlement agreement are hereby satisfied and in compliance. As far as the WQD is concerned, both the water distribution system and the sewer collection system for this project are ready to be put into service. However, please note that the SCW&SD has the final say as to when both systems are ready to be allowed to be put into service.

If you should have any questions please contact me at either rcripe@wyo.gov or (307)-7075.

Sincerely,


Richard Cripe
Southeast District Engineer
Water Quality Division

RRC/RLE/rm/10-0764

cc: Dena Hansen, Manager, South Cheyenne Water & Sewer Dist.,
215 East Allison Road, Cheyenne, WY 82007
Brad Brooks, Cheyenne BOPU, P.O. Box 1469, Cheyenne,
Wyoming 82001
Bruce Wilson, C.B.O., 2101 O'Neal Ave., Ste. 202, Cheyenne,
Wyoming 82001
Byron Mathews, Fire Marshall, Cheyenne Fire Dept., Rm 304,
2101 O'Neil 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.

Dave Freudenthal, Governor

John Corra, Director

June 8, 2010

South Cheyenne Water and Sewer District
Dena Hansen, Manager
215 East Allison Road
Cheyenne, Wyoming 82007

and

Mark Hampton
Manager - Sundance Apartments, LLC
9980 South 300 West #310
Sandy, Utah 84070

RE: Sundance Apartments Project in Cheyenne, Wyoming
Water Distribution System, including Fire Hydrants and, Sewer
Collection System - **NOT AUTHORIZED for Construction**

Dear Mr. Hampton:

This letter is being written in regards to recent developments involving this project, specifically the water distribution system including the fire hydrants. Sundance Apartments, LLC started construction on this project in October 2009 by its own admission. Sometime shortly thereafter construction and installation of both the water distribution system and the sewer collection system commenced, was finished, and covered without the notification or knowledge of the Wyoming Department of Environmental Quality (DEQ) / Water Quality Division (WQD). The WQD did not become aware of this project and the water and sewer system construction until February 11, 2010, when Dena Hansen of South Cheyenne Water & Sewer (SCW&S) District inquired if any permits had been issued for this project. No permits had been issued and as a follow-up, Mr. Ronald Ewald of the WQD went to both the SCW&S District offices and the project site and confirmed that water and sewer system construction had been completed and covered.

Contact between the WQD and Mr. Chris Harmon, who indicated that he was the on-site project manager, was made later that afternoon on February 11, 2010. The situation and problems were explained to Mr. Harmon and the WQD requested that he pass this information on to the appropriate project owner or engineer and have them contact the WQD ASAP. What follows is a chronology of events since that day:

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ADMIN/OUTREACH (307) 777-7937 FAX 777-3810	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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- 02-12-10: a series of phone calls between Mr. Rich Cripe, SE
to District Engineer/WQD, and several Sundance Apartment
02-26-10 officials describing what needed to be done.
- 03-05-10: First as-built application package was received, logged in, and
assigned Permit # 10-083.
- 04-01-10: First set of WQD Review Comments sent denying the application
for an assortment of reasons detailed in the comments. Copy of
review comments attached.
- 04-20-10: Second application package submittal received and logged in.
- 05-24-10: Second set of WQD Review Comments sent out denying the
application because there were still problems, concerns, and
deficiencies. Copy of 2nd review comments attached.
- 06-04-10: The WQD was notified by the SCW&S District by a phone call to
Mr. Ronald Ewald that the local Fire Chief was shutting down
the entire Sundance Apartments construction site because they
didn't have the appropriate water for fire protection.

This is the WQD's current position:

There is currently no authorization, nor has there ever been any
authorization, for the water distribution system including fire
hydrants, to be supplied with potable water from the SCW&S District,
because;

- a. The water distribution system was constructed in violation of
Chapter 3 of the WQR&R, Section 4 **Prohibitions**. "No person,
except when authorized by permit issued pursuant to the Act and
these regulations, shall: (a) Construct, install, or modify
any public water supply, - - - -"; which is supported by;
- b. The EQA W.S. § 35-11-301 **Prohibited acts**. (a) "No person,
except when authorized by a permit issued pursuant to the
provisions of this act, shall: (v) Construct, install, modify
or operate any public water supply or - - - -", and;

To summarize, Sundance Apartments, LLC has never been authorized at
any time to construct, begin construction, or to put into operation,
even in a limited way, the water distribution system components, or
the sewer collection system components of this project. Until the
properly approved and signed "Permit to Construct" is issued by the
WQD, any such construction, modification, or operation of either the
water or sewer system is in violation of W.S. § 35-11-301. W.S. §
35-11-901 "Violations of provisions; penalties." is applicable.

If you should have any questions about this letter, contact Ronald Ewald at either rewald@wyo.gov or (307) 777-6183.

Sincerely,



Ronald L. Ewald
SE District Project Engineer, W&WW Section
Water Quality Division

RLE/rm/10-0474

cc: Jim Martin, City of Cheyenne Fire Chief, 2101 O'Neil Ave.,
Room 304, Cheyenne, WY 82001
Rich Cripe, WQD, SE District Engineer
Lou Harmon, WQD, W&WW Program Manager
John Wagner, WQD Administrator
Mike Barrash, WQD Attorney General's Office

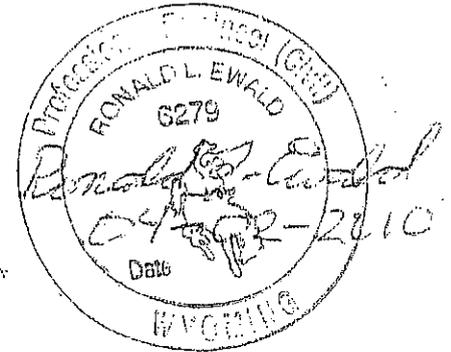
Attachments: WQD Review Comments dated April 1, 2010
WQD Review Comments dated May 24, 2010

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

PROJECT: Sundance Apartments, LLC – Water & Sewer Extensions
LOCATION: Lot #6, Block One, Gateway South Sub., 2nd Filing, Laramie County
ENGINEER: Roger Alworth
Vector Engineers
9138 South State Street #101
Sandy, Utah 84070
Ph. (801) 990-1775
APPLICANT: Sundance Apartments, LLC
Attn: Mark Hampton, Manager
9980 S. 300 W. #310
Sandy, Utah 84070
Ph. (801) 501-0727

WATER QUALITY DIVISION REFERENCE #: 10-083

REVIEWING ENGINEER: Ronald L. Ewald, P.E.
Phone: (307) 777-6183
DATE OF REVIEW: April 1, 2010



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

COMMENTS, INADEQUACIES, AND QUESTIONS:

1. Design Flow Numbers and Calculations are Not Consistent - the water demand design flow numbers that are provided for the various building numbers and building types are not consistent: Examples follow:
 - a. For building type "B" one-bedroom apartment 363 average gpd, two-bedroom 411 average gpd is only 48 gallons or 13% more than a one-bedroom unit. Should be double. Peak daily demand values of 711 and 837 gpd have the same issues. Report doesn't explain where these values come from, they just appear.
 - b. Building "B" peak daily demand for three(3) each two-bedroom apts should equal; $3 * 837\text{gpd} = 2511\text{gpd}$, but the design report says and uses 6648gpd. Which is it?
 - c. Building "D" average daily demand for three(3) each two-bedroom apts should equal; $3 * 441\text{gpd} = 1323\text{gpd}$, but the report says 1764gpd. Peak daily demand figures have the same problem.
 - d. For both buildings "B" and "C" they both say "*All two-bedroom suites*" but the subsequent calculations talk about and include figures for one-bdrm apts.

The Engineering Design Report(EDR) needs to be clear and consistent on what the design demand loads are for each type of building, including number and type of units in each building, and # of bedrooms in each type of unit. A separate chart showing all of the buildings, # and types of units in each, and total bedrooms per building without any demand calculations is suggested.

2. Design Flow Calculations Between Water Demand and Wastewater Outflow loadings are Not Consistent - The sewer outflow designs appear to be two(2) to 4 times larger than the water inflow demand design flows. For example, from the sewer report the sewer design outflows for Building #3 (type "B" building) are 7200gpd average and 28,800gpd peak daily flow. However, when comparing the sewer design flows to the design water demand flows for Building #3 the water report shows 3216gpd average and 6192gpd peak daily demand flows. This makes the average water inflow design only 45% of the average outflow, while the peak water inflow design is only 22% of the outflow. This would mean there is approximately 2 to 4 times more water going out of the building than comes into it.

It makes no sense to review the design reports in any further detail when the input design flows on both the water and sewer side are under so much question. The EDR design flows submitted must all be consistent with themselves throughout.

3. Fireflow Analysis - a few brief comments which should not be considered comprehensive because of the above concerns.

- a. The fire flow analysis pipe and junction map does not show the locations of the Fire Hydrants (FH-1, FH-2, etc.).
 - b. A detailed pressure and flow analysis of the interior building fire sprinkler system pipes and nodes is not needed. What is needed is analysis of the effects of the fire sprinkler system when it is on, on the distribution system up to the buildings. Flows and pressures at the individual building service connection points.
 - c. Instead of just submitting pages and pages of water model printouts, some attempt should be made to identify and explain the highlights of the various model runs, and maybe even mark them on the printouts.
4. Insufficient Water System Valves - there are no valves shown on the interior parts of the water distribution system, and at least a few will be required by the regulations [Chapter 12, Section 14(c)]. The only two valves indicated are at the two points where this project connects into the existing water distribution system.
 5. Sewer Main Profile views Missing - both plan and profile views of the sewer lines are required to be submitted [Chapter 11, Section 7(b)]. There are no profile views for the interior north/south running sewer mains. Additionally, the plan and profile views should be on the same page and running in the same direction.

END OF REVIEW

RLE/rm/10-0269

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

PROJECT: Sundance Apartments, LLC – Water & Sewer Extensions
LOCATION: Lot #6, Block One, Gateway South Sub., 2nd Filing, Laramie County
ENGINEER: Roger T. Alworth
Vector Engineers
9138 South State Street, Suite 101
Sandy, Utah 84070
Ph. (801) 990-1775
APPLICANT: Rockworth Companies
Attn: Steve Broadband, Owner
9980 South 300 West, Suite 310
Sandy, Utah 84070
Ph. (801) 501-0727, ext. 228
FAX: (801) 501-0728

WATER QUALITY DIVISION REFERENCE #: 10-083

REVIEWING ENGINEER: Ronald L. Ewald, P.E.
Phone: (307) 777-6183
DATE OF REVIEW: May 24, 2010



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:

General Comments:

1. Wyoming Licensed Professional Engineer Required to Sign and Seal all Engineering Documents - Not only do the engineering plan drawings need to be stamped and signed by a Wyoming PE, but all engineering analysis reports must also be stamped and signed. This includes the "Sewer Evaluation" report and the "Water System Flow Evaluation" report.

Sewer Collection System Comments:

2. Sewer Main Profile Drawing Deficiencies - The sewer main profile drawings do not show the following:
 - the locations on the lines where the building service lines connect in,
 - the horizontal (station) and vertical locations where water lines, gas lines, storm sewer lines, etc., cross over or under the sewer mains,
 - the invert elevations of all of the sewer lines connected to a manhole(MH) when there are more than two sewer lines at the MH.

Water Distribution System Comments:

3. Insufficient Water Distribution System Valves - there are no valves shown on the interior parts of the water distribution system (water mains, not service connections). Chapter 12, Section 14(c) of the DEQ Water Quality Rules and Regulations (WQR&R) requires that "Valves shall be provided on watermains so that inconvenience and sanitary hazards will be minimized during repairs. Valves shall be located at not more than 500 foot intervals in commercial district and at not more than 1 block or 800 foot intervals in other districts." The only two valves indicated on the distribution mains are at the two points where this project connects into the existing water supply system. This does not meet the requirements of this regulation. More valves are needed on the distribution system to accomplish this.
4. Irrigation System Connections Backflow Protection - do the two irrigation system connections to the potable water distribution system(J-80 & J-82 on the flow model) have backflow protection devices on them? If so, what type? If not, they should.
5. Revised Water Distribution System Plan & Profile Drawings Required - revised drawings are obviously needed to include the valves added to satisfy the requirement above, but also because important items were omitted from either the plan or profile view, or both. The revised plan & profile drawings SHALL INCLUDE the following at a minimum:
 - a. Show the location on the water mains in both views where all service taps connect to the main, such as building service taps, fire sprinkler system line taps, fire hydrant taps, irrigation taps, etc.

- b. Show on the water mains in both views where all fittings are located, such as valves, tees, 4-way cross connectors, bends in pipe fittings (horizontal & vertical), etc.
- c. Show fire hydrants on the plan views, and show the vertical riser with the hydrants sitting above ground on the profile views.
- d. Anything else of similar nature to the above items that has not been specifically mentioned here.

The profile views as submitted are hard to follow because they do not indicate the locations of changes in direction at all points of change. All change in direction of the water line, both horizontal and vertical, shall be indicated on the profile views along with the station location number.

There are no plan & profile drawings for the two short segments of water main connecting the new system to the existing system. One is tapped into *Walterscheid Boulevard* at the northwest corner of the project, and the other one taps into *West Jefferson Road* at the southeast corner of the project. These segments of water main are part of the new construction and must also have plan & profile views submitted for review.

6. Water System Flow Evaluation Report Deficiencies and Concerns - this report only contains junction pressure values for the different flow scenarios. There are no "Pipe Analysis" reports for these same scenarios to go along with the junction reports. The pipe reports, especially flow quantity and direction, under the different scenarios are critical to determine if the model is producing results that are credible. Therefore, the "Pipe Analysis" reports to go along with the junction reports shall be provided for review.

Additionally, it appears to this reviewer that all 5 of the Fire Hydrants (FH) are flowing at the same time in the fire flow model test run. If this is not a correct interpretation, please explain what the submitted results are showing.

If you should have any questions about any of the concerns listed above, please call me at the phone number listed above.

RLE/rm/10-0437



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

July 14, 2010

Rockworth Companies
Steve Broadbent, Owner
9980 South 300 West, Suite 310
Sandy, Utah 84070

RE: Sundance Apartments- Water and Sewer,
Application No. **10-083**, Laramie County

Dear Mr. Broadbent:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and or Existing Sewage Collection Systems described as installation of approximately 1972 ft of 8 inch SDR 35 PVC sanitary sewer, install eleven new manhole, install 5 new fire hydrants, installation of approximately 3050 ft of 8 inch PVC C-900 water line, Section 7, T13N R 66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by July 13, 2012.

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. **10-083** in any future correspondence.

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

Sincerely,

Richard R. Cripe P.E.
Southeast District Engineer
Water Quality Division

RRC/rm/10-0603

Enclosure: Certificate of Completion

cc: IPS, Cheyenne
Roger T. Alworth, Vector Engineers, ⁹¹³⁸~~9980~~ South State Street, Sandy, Utah 84070
Dena Hansen, SCWSD, 215 E. Allison Road, Cheyenne, WY 82009

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





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

August 12, 2010

Rockworth Companies
Attn: Steve Broadbent, Owner
9980 South 300 West, Suite 310
Sandy, Utah 84070

and

Roger T. Alworth, Wyoming P.E. #10139
Vector Engineers
9138 South State Street, #101
Sandy, Utah 84070

RE: Sundance Apartments Facility – Sewer line Inspection—Permit # 10-083

Gentlemen:

On August 12, 2010, I conducted an onsite sewer line inspection for this project. I reviewed the video logs of the camera that was run down the sewer lines on August 4th and August 5th. In addition, I visited the construction site to see how the manholes were installed. There are major deficiencies within the installation of sewer lines and manholes for this project. These include pipe joints not connected; sand in sewer lines, standing water in sewer lines may indicate reverse slopes and non-gasketed manholes.

I recommend reviewing the video logs to determine the exact location of these deficiencies. Splicing the sewer lines will not be an accepted method to correct the deficiencies. The manholes inspected did not meet the requirements of the permit issued. Once these deficiencies are corrected, the sewer lines will have a camera run down all sewer lines for confirmation. DEQ will be present during this camera inspection.

Furthermore, it is my understanding that the waterlines have some problems as well. During a recent test the water lines failed to maintain pressure in the water system and a failure occurred. You will need to update this office in writing within ten (10) business days what the problem was and how it was rectified.

May I remind you, the settlement agreement states that Rockworth Companies commits to contacting DEQ for final inspection of the sewage system and pressure testing the public water system. I would suggest you correct all defecienis before you sign and submit the required signed certificate of completion to DEQ. If you have any questions about the settlement agreement, please contact Mr. Rich Cripe, at (307) 777-7075.

Richard R. Cripe, P.E.
Southeast District Engineer
Water and Wastewater Program

RRC/rm/10-0693

cc: CBOPU, Brad Brooks, P.O. Box 1469, Cheyenne WY 82001
Dena Hansen, Manager, South Cheyenne Water & Sewer District, 215 East Allison Road, Cheyenne, WY 82007
Bruce Wilson, C.B.O. 2101 O'Neil Ave., Ste. 202, Cheyenne, WY 82001

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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: Sundance Apartments, LLC – Water & Sewer Extensions

LOCATION: Lot #6, Block One, Gateway South Sub., 2nd Filing, **Laramie County**

ENGINEER: Roger T. Alworth
Vector Engineers
9138 South State Street, Suite 101
Sandy, Utah 84070
Ph. (801) 990-1775

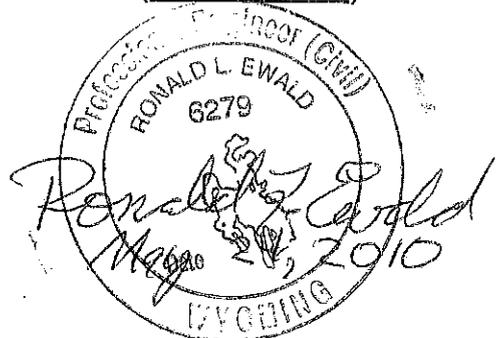
APPLICANT: Rockworth Companies
Attn: Steve Broadband, Owner
9980 South 300 West, Suite 310
Sandy, Utah 84070
Ph. (801) 501-0727, ext. 228
FAX: (801) 501-0728

WATER QUALITY DIVISION REFERENCE #: 10-083

(Review #2)

REVIEWING ENGINEER: Ronald L. Ewald, P.E.
Phone: (307) 777-6183

DATE OF REVIEW: May 24, 2010



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:

General Comments:

1. Wyoming Licensed Professional Engineer Required to Sign and Seal all Engineering Documents - Not only do the engineering plan drawings need to be stamped and signed by a Wyoming PE, but all engineering analysis reports must also be stamped and signed. This includes the "Sewer Evaluation" report and the "Water System Flow Evaluation" report.

Sewer Collection System Comments:

2. Sewer Main Profile Drawing Deficiencies - The sewer main profile drawings do not show the following:
 - the locations on the lines where the building service lines connect in,
 - the horizontal (station) and vertical locations where water lines, gas lines, storm sewer lines, etc., cross over or under the sewer mains,
 - the invert elevations of all of the sewer lines connected to a manhole(MH) when there are more than two sewer lines at the MH.

Water Distribution System Comments:

3. Insufficient Water Distribution System Valves - there are no valves shown on the interior parts of the water distribution system (water mains, not service connections). Chapter 12, Section 14(c) of the DEQ Water Quality Rules and Regulations (WQR&R) requires that *"Valves shall be provided on watermains so that inconvenience and sanitary hazards will be minimized during repairs. Valves shall be located at not more than 500 foot intervals in commercial district and at not more than 1 block or 800 foot intervals in other districts."* The only two valves indicated on the distribution mains are at the two points where this project connects into the existing water supply system. This does not meet the requirements of this regulation. More valves are needed on the distribution system to accomplish this.
4. Irrigation System Connections Backflow Protection - do the two irrigation system connections to the potable water distribution system(J-80 & J-82 on the flow model) have backflow protection devices on them? If so, what type? If not, they should.
5. Revised Water Distribution System Plan & Profile Drawings Required - revised drawings are obviously needed to include the valves added to satisfy the requirement above, but also because important items were omitted from either the plan or profile view, or both. The revised plan & profile drawings SHALL INCLUDE the following at a minimum:
 - a. Show the location on the water mains in both views where all service taps connect to the main, such as building service taps, fire sprinkler system line taps, fire hydrant taps, irrigation taps, etc.

- b. Show on the water mains in both views where all fittings are located, such as valves, tees, 4-way cross connectors, bends in pipe fittings (horizontal & vertical), etc.
- c. Show fire hydrants on the plan views, and show the vertical riser with the hydrants sitting above ground on the profile views.
- d. Anything else of similar nature to the above items that has not been specifically mentioned here.

The profile views as submitted are hard to follow because they do not indicate the locations of changes in direction at all points of change. All change in direction of the water line, both horizontal and vertical, shall be indicated on the profile views along with the station location number.

There are no plan & profile drawings for the two short segments of water main connecting the new system to the existing system. One is tapped into *Walterscheid Boulevard* at the northwest corner of the project, and the other one taps into *West Jefferson Road* at the southeast corner of the project. These segments of water main are part of the new construction and must also have plan & profile views submitted for review.

6. Water System Flow Evaluation Report Deficiencies and Concerns - this report only contains junction pressure values for the different flow scenarios. There are no "Pipe Analysis" reports for these same scenarios to go along with the junction reports. The pipe reports, especially flow quantity and direction, under the different scenarios are critical to determine if the model is producing results that are credible. Therefore, the "Pipe Analysis" reports to go along with the junction reports shall be provided for review.

Additionally, it appears to this reviewer that all 5 of the Fire Hydrants (FH) are flowing at the same time in the fire flow model test run. If this is not a correct interpretation, please explain what the submitted results are showing.

If you should have any questions about any of the concerns listed above, please call me at the phone number listed above.

RLE/rm/10-0437



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 19, 2010

Tansie Teigen
48 Thorn Divide
Moorcroft, WY 82721

RE: Teigen Small Residential Wastewater System, Crook County
Location: SWNW ¼. Section 28, Township 52N, Range 66W; Permit # 10-084

Dear Mrs. Teigen:

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

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

Additionally, the following permit condition applies:

1. 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.
2. The septic tank must have two compartments.

Please be advised that Crook County inspects all small wastewater systems permitted through WDEQ. Please contact Crook County Growth and Development at 307. 283.4548 to arrange an inspection of the system. **Septic systems shall not be installed during adverse weather. This includes rain, snow, severely cold temperatures, or excessively moist soils.** Please contact me with questions at (307) 777-6941.

Sincerely,

Suzanne Engels
WDEQ/WQD

SE/rm/10-0224

cc: IPS, Cheyenne
WYDEQ Casper File
Tim Lyons, Crook County Growth and Development, PO Box 848, Sundance, WY 82729
Russell Stinson, Stinson Backhoe, PO Box 23, Hulett, WY 82720

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

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

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

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

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

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

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

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



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

PROJECT: Teigen Small Residential Septic System
ENGINEER/ CONSULTANT: None
APPLICANT: Tansie Teigen, 48 Thorn Divide, Moorcroft, WY 82721
INSTALLER: Russell Stinson, Stinson Backhoe, PO Box 23, Hulett, WY 82720

WATER QUALITY DIVISION APPLICATION NUMBER: 10-084

REVIEWING ENGINEER: Suzanne Engels 307.777.6941 or spagor@wyo.gov 

DATE OF REVIEW: March 9, 2010

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

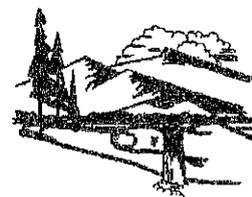
1. As required on the Wyoming Water Quality Application Form, please provide the State Engineer's Office permit number for the water well.
2. The application states that this is for an existing property and there is an old system. When was the house and the old system built? What is the permit number for the old system?
3. Please confirm the proposed septic tank capacity and the number of compartments. Only the 1060; 1250; and 1500 gallon 2-compartment Roth Global Plastics septic tank is approved for use in Wyoming.
4. Please clarify if groundwater is at 4'9" below the ground level or if only bedrock was encountered at this depth.
5. What is the depth of cover for the septic tank?
6. Please complete the design sheets for a mounded system which are included.
7. Please show the location of the old system on the site plan.
8. Please provide the distances for the following:
 - a. From the well to the leachfield
 - b. From the leachfield to the property line/ drainage

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

SE/rm/10-0200



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 24, 2010

Tod E. Polson, P.E.
4750 Temple Ct.
Riverton, WY 82501

RE: Polson Estates Subdivision Sanitary Sewer Extension, Permit Number: 10-085R, NW ¼, Section 30, T1N, R4E, Fremont County

Dear Mr. Polson:

This project involves the installation of about 800 linear feet of 8-inch PVC sewer main and two manholes to serve at least four residential lots. DEQ received the letter from the City of Riverton stating acceptance of 0.3 percent sloped sewer line, rather than 0.4 percent. DEQ hereby grants a variance to this requirement based upon DEQ's Flat Grade Sewer Policy." DEQ also understands that Styrofoam will be used to help insulate the sewer line. The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

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

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

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

Sincerely,

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

xc: IPS, Cheyenne
Bill Urbigit, City of Riverton, 816 North Federal Blvd., Riverton, WY 82501

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

ABANDONED MINES
(307) 332-5085
FAX 332 7726

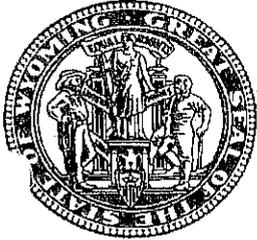
AIR QUALITY
(307) 332-6755
FAX 332 7726

LAND QUALITY
(307) 332-3047
FAX 332 7726

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

WATER QUALITY
(307) 332-3144
FAX 332 7726





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 15, 2010

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

RE: Broadway East Treated Waterline Phase 1 Replacement Project, Permit Number: 10-086, SW ¼, Section 36, T. 43 N., R. 95 W., Hot Springs County

Dear Mayor Malloy:

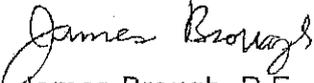
This project involves replacing existing 6-inch and 12-inch water mains with 1035 linear feet of 6-inch and 975 linear feet of 12-inch PVC water mains. This application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved, provided that the appropriate backflow prevention devices are installed on irrigation systems.

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

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

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

Sincerely,


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

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

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

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

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(307) 332-6924
FAX 332-7726

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



PERMIT TO CONSTRUCT

X New
- Renewal
- Modified

PERMIT NO. **10-087**
SPECIAL CONDITIONS

Bridger Mine Facilities

This permit hereby authorizes the applicant:

Bridger Coal Co.
P.O. Box 68
Point of Rocks, WY 82942

To construct, install or modify diesel excavation in soil and groundwater in area of MW-06E, landfarming of soil, and replacement of MW-06E according to the procedures and conditions of the application number **10-087**. The facility is located in Section 3, T20N, R101W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 17, 2015.

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

Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility, 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 the DEQ of the construction or the design of the facility described herein. This permit verifies only that the submitted application meets the design and construction standards imposed by the DEQ statutes, rules and regulations. The DEQ assumes no liability for, and does not in any way guarantee or warrant the performance or operation of the permitted facility. The permittee, owner and/or operator are solely responsible for any liability arising from the construction or operation of the permitted facility. By issuing this permit, the state does not waive its sovereign immunity.

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

The permittee shall notify representatives from the DEQ, Water Quality Division when the construction commences and give an estimate of completion for the project. The authorized representative in your area can be contacted at the following address: WDEQ, Water Quality Division, 510 Meadowview Drive, Lander, Wyoming 82520; telephone (307) 332-3144; FAX (307) 332-3183.

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.

Bridger Mine
Permit # 10-087

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. The applicant will provide immediate oral and/or written notice of any changes or modifications which are not consistent with the terms and conditions of this permit to the WDEQ, Water Quality Division, 510 Meadowview 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.
2. Provide two (2) week notification to WDQ personnel prior to initiating excavation activities.
3. Unless otherwise specifically noted herein, environmental activities approved per this permit, such as excavation, soil disposal, well abandonment and replacement, confirmation sampling, shall be performed as proposed in the January 26, 2010 Corrective Action Plan for Diesel Contaminated Soil Surrounding Monitoring Well 06-E (CAP).
4. Screening of all soils excavated, to include those that may be anticipated to be clean, unimpacted overburden, is required.
5. Confirmation sampling must be performed per WDEQ VRP fact Sheet #10, Soil Confirmation Sampling Guidelines.
6. Soil Cleanup levels from VRP Fact Sheet #12 (2009) are applicable for defining soil cleanup standards. In addition, naphthalene must be added to the analyte list on Table 1, page 4, of the CAP.
7. Prior to the next sampling event, 06-E must be replaced with a new monitoring well in substantively the same location.
8. Soil and liquids derived from the excavation must be properly disposed of in accordance with WDEQ regulations; the CAP specifies disposal in the LQD-permitted landfarm and vector pit.
9. All other permits such as storm water permits need to be applied for separately. (Note that existing permit 06-783 is in place for the replacement monitoring well.)
10. Within 60 days following the completion of excavation and other activities detailed in the CAP, a completion report shall be submitted that includes details of the excavation, confirmation sampling, soil and liquid amounts, disposal detail, appropriate maps, replacement monitoring well installation as described above, and any other pertinent data. This completion report must include conclusions and recommendations.

11. After the monitoring well(s)/piezometer(s)/recovery well(s) have fulfilled their useful purpose, they shall be abandoned according to procedures specified in Chapter XI, Part G, Section 70 of Wyoming Water Quality Rules and Regulations. In addition, borings in public use areas, particularly paved streets and alleys, shall be abandoned in accordance with City and/or Highway Department requirements. No monitoring well/piezometer shall be abandoned without prior approval from the Water Quality Division.

12. WDEQ/WQD personnel shall be given at least two (2) weeks' notice prior to the installation of groundwater monitoring wells/piezometers and sample collection so that they may be onsite if deemed necessary.

13. The results of any other analyses conducted on soil or water removed from these wells/piezometers or boreholes shall be provided to the department as soon as they are available. The new wells will be incorporated into the existing groundwater monitoring program.

14. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).

15. ***Environmental Monitoring Program for Groundwater of the State:***

i. Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity and performed in accordance with WDEQ or EPA approved Standard Procedures or Quality Assurance/Quality Control (QA/QC) Plan.

ii. The permittee shall maintain records of all monitoring information for a period of at least 3 years.

iii. Records of monitoring information shall include:

iv. The date, exact place, and time of sampling or measurements;

v. The name(s) of individual(s) who performed the sampling or measurements;

vi. The Mean Sea Level elevation of the water table to the closest .01 ft., and the depth to water (to the closest .01 ft.) from a marked measuring point at the top of casing.

vii. Sampling procedures and sample preservation accomplished;

viii. The date(s) analyses were performed;

ix. Names of individuals who performed the analyses;

x. The analytical techniques or methods used; and

xi. The results of such analyses.

xii. Groundwater samples from the monitoring wells shall be analyzed as indicated on the following table. This table supersedes previous permit requirements.

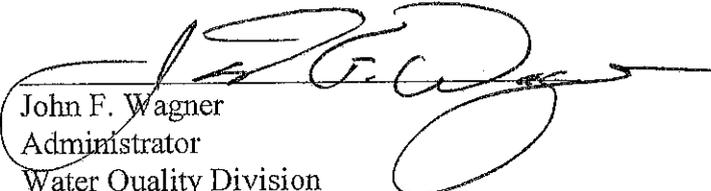
Bridger Mine
 Permit # 10-087

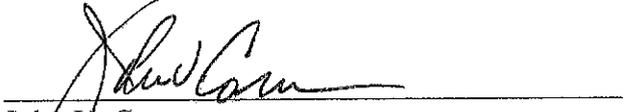
WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
New and Existing Monitoring wells	Semi-annual (Spring & Fall)	EPA 8015 EPA 8260	TPH-DRO and GRO BTEXN	

* Permit Limits (i.e. Groundwater Protection Standards) are only required for compliance monitoring wells. All chemical concentrations in this permit are expressed in mg/l unless otherwise noted.

16. The issuance of this permit does not relieve the permittee from obligations to complete the extent of contamination study and any further remedial work which may be required. Depending on the results of the subsurface investigation, additional site investigations or remedial actions may be required by the WQD. An adequate number of well(s)/piezometer(s) shall be installed to define the nature and extent of the contamination.

AUTHORIZED BY:


 John F. Wagner
 Administrator
 Water Quality Division


 John Y. Corra
 Director
 Department of Environmental Quality

3/19/10
 Date of Issuance

DH/rm/10-0223

GROUNDWATER POLLUTION CONTROL PROGRAM
REVIEW COMMENTS:
PLANS/SPECIFICATIONS/PROPOSALS/REPORTS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
510 Meadowview Drive
Lander, Wyoming 82520
(307)332-3144

SITE NAME: Bridger Coal Company

SITE STATUS: Site Investigation

APPLICANT:
Norman Hargis
Bridger Coal Company
P.O. Box 68
Point of Rocks, WY 82942

ENGINEER/CONSULTANT:
Jeff Tucker
PacifiCorp Env. Remediation Company
1407 West North Temple, Suite 280
Salt Lake City, UT 84116

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 10-087

EXISTING NEW AS BUILT

TITLE: Diesel fuel excavation & landfarming in area of MW-06E.

PLANS SPECS PROPOSAL REPORT
[Check all that APPLY]

DATE ON PROPOSAL/PLANS/REPORT: January 26, 2010 (*Revision 2: Corrective Action Plan for Diesel Contaminated Soil Surrounding Monitoring Well 06-E*) received March 9, 2010; March 9, 2010 (*As-built permit application received*)

IS THIS PROPOSAL SUBMITTED PURSUANT TO:

'CONDITIONS' TO ANY WQD PERMIT? NO YES

AN LOV, NOV OR OTHER ENFORCEMENT? NO YES

REVIEWING OFFICIAL: Deborah Harris, PG

DATE OF THIS REVIEW: March 17, 2010

ACTION: New permit issued and corrective action plan approved

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

On June 22, 1992, a seep of diesel fuel was discovered near the fuel island of Bridger Coal Company's Jim Bridger Mine located 35 miles northeast of Rock Springs. Borings and monitoring wells were placed as part of the SSI. An unconfined water table exists between three and 12 feet below the surface. Groundwater flow is to the northeast. Based on the SSI, the amount of free phase hydrocarbon (FPH) that is present was calculated to be between 275,000 and 491,000 gallons. Contaminated soils were in excess of 4800 ppm TPH just above the water table.

Bridger began operation of a hydrocarbon recovery system in 1994 and operated it sporadically until the system was completely shut down for overhaul in the Fall of 1997. The system was re-built and operation was resumed in 1998. Over 200,000 gallons of diesel fuel has been recovered.

2.0 SUMMARY OF WORK COMPLETED TO DATE:

2.1 Recovery System. On June 7, 1993, a permit to construct a diesel fuel recovery system was authorized after the CAP was reviewed by Doug Gilmer and Scott Forister. The remediation system was designed to recover FPH, treat TPH contaminated groundwater, and treat TPH contaminated soil (bioremediation).

A draft O&M manual detailed the remediation system, which consists of three basic operating subsystems: (1) dewatering recovery trenches; (2) a groundwater treatment facility; and, (3) a bioremediation treatment water distribution system.

Subsystems (1) and (2) have had efficiency and cold weather operational problems. Permit 98-154, issued in July 1998, addressed Bridger's plan for modifying the recovery trailer and system to eliminate the cold weather problems. The modified trailer began partial operations in August 1998, full operation is anticipated by early September 1998. Subsystem (3) will be constructed and operated following completion of the free product recovery phase (the Bridger Coal Company is considering alternative soil remediation systems, rather than the originally proposed bioremediation treatment water distribution system). The draft O&M manual for the operation of subsystems (1) and (2) was received by the WQD on September 2, 1998 following the optimization of the system. The O&M manual will be reviewed for completeness.

2.2 Wetlands Diesel Barrier While the recovery system was down for retrofitting, a new seep was identified near the wetlands. The October 1998 corrective action plan outlined a two phase approach for remediating the area affected by the seep. The first phase was to excavate all of the contaminated soil and haul it to the on-site land treatment unit for remediation. The second phase consisted of installing a physical barrier near the boundary of the wetlands, and installing recovery trenches and a sump near the barrier to collect any FPH that migrates toward the barrier. The recovered FPH is pumped to the existing recovery and treatment system for disposal. Monitoring wells and piezometers were installed to monitor the effectiveness of the system. The work was authorized by Permit to Construct #98-366 in December 1998.

2.3 2006 well 92-M investigation. The September 2006 plan addressed two issues at the site. Well 92-M has had minor detections of benzene (5 to 20 µg/l) and TPH-DRO for the last few years. Bridger proposed to perform a subsurface investigation around the subject well to determine the nature and extent of this contamination. Four soil borings were drilled around the well and soil and groundwater samples were collected. No contamination was identified in any of these borings. No answers to this contamination were provided by the work. Further investigation will be performed.

The second part of this field work was to install two replacement monitoring wells. Monitoring wells 92-C and 92-E were destroyed several years ago by heavy equipment. Two wells were installed in the approximate same locations to replace these wells. Well 06-C was installed along the fence line, slightly down gradient of the recovery systems. Soil and groundwater samples were taken from this well. Soil samples showed evidence of hydrocarbon contamination at depth (i.e., greater than 8 feet deep). This contamination is most likely from smear zone effects of groundwater contamination, not from surface releases. Ground water samples had detections of benzene (41 µg/l), naphthalene (35 µg/l) and DRO (0.56 mg/l). Only benzene was over WDEQ standards.

The second well, 06-E, was installed close to the maintenance shop, upgradient from the west recovery trench. Surprisingly, this well was very contaminated and had over one foot of light non-aqueous phase liquid (LNAPL) in it. Bridger was to prepare a plan to further investigate this contamination while both new wells were to be monitored and those results included in the annual monitoring report.

Per Site Investigation Report for MW-06E, September 2008, Bridger reported on activities performed to delineate LNAPL and identify its source. (No additional investigation was performed to determine the source of hydrocarbon in well 92-M.) Though neither of these objectives was accomplished, a Corrective Action Plan (CAP) proposing excavation of hydrocarbon-impacted soils with landfarming of soils onsite at a LQD-permitted landfarm was submitted in March 2009. A revised CAP with a permit application was submitted in March 2010 which incorporated some changes suggested by WQ. The CAP proposes excavation an area of ~2,259 ft² area (no estimate of cubic yards included) of contaminated soil to meet WDEQ soil cleanup standards; removal of LNAPL from the open excavation is also proposed.

3.0 REQUESTS/REQUIREMENTS/COMMENTS:

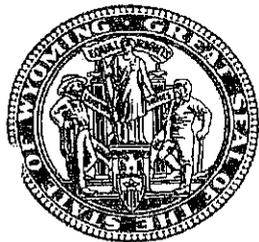
3.1 Well 92-M The source of benzene contamination in 92-M has not been determined, no additional investigation post-2006 has been conducted, nor is the area of 92-M called out in the 2010 CAP. The source of contamination in 92-M must be addressed.

3.2 Well 06-E Neither the extent nor the source of hydrocarbon impact to groundwater in 06-E has been determined. As Bridger excavates contaminated soil in the area of 06-E, it is likely that the source may be identified; please note and report all source indications and whether this contamination is part of a previously identified release or if this is a separate release. Work is generally to be completed in accordance with the January 26, 2010, CAP; however, several items of note are listed below:

- Screening of all soils excavated, to include what may be anticipated to be clean, unimpacted overburden, is required.
- Confirmation sampling must be performed per WDEQ VRP Fact Sheet #10, Soil Confirmation Sampling Guidelines.
- Soil cleanup levels from VRP Fact Sheet #12 (2009) are applicable for defining when the excavation project has met clean soil standards. Please note the differences between this sheet and Table 1, on page 4 of the CAP. In addition, naphthalene and TPH-GRO must be included in the list of analytes.
- Prior to the next sampling event, 06-E must be replaced with a new monitoring well in substantively the same location and in accordance with WDEQ regulations; the replacement well must be added to the approved sampling and monitoring plan. Existing permit 06-783 is in place for this replacement well.
- Soil and liquids derived from the excavation must be properly disposed of in accordance with WDEQ regulations; the CAP specifies disposal in the landfarm and vector pit currently permitted by the WDEQ/LQD.
- Along with the list of items called out in the CAP to be included in the Corrective Action Report (CAR), the CAR should detail conclusions and recommendations.

END OF REVIEW

DH/rm/10-0223



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 15, 2010

Kenneth R. Waldner, Mayor
Town of Wamsutter
P.O. Box 6
Wamsutter, WY 82336

RE: Wamsutter - Murray Street Water Main Extension - Permit Number 10-088, NE 1/4, Section 34, T20N, R94W, Sweetwater County

Dear Mayor Waldner:

The above application for coverage under General Permits to Construct the extension of a public water distribution system consisting of 669 feet of 8-inch PVC water main and the replacement of a sewage collection main consisting of 100 feet of 6-inch PVC sewer main in accordance with Chapter 3, Section 7, Chapter 12, Section 14 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct the facilities in accordance with the General Permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at:

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

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

Sincerely,

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

PDF: IPS Cheyenne
Seth Tourney, P.E., PMPC, 118 E. Bridge Street, Saratoga, WY 82331

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

ABANDONED MINES
(307) 332-5085

AIR QUALITY
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LAND QUALITY
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SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-089

Grand Teton Park RV Resort Water System Records & Dry Pellet Chlorinators
PWS #WY5600682

This permit hereby authorizes the applicant:

Harry Washut
Grand Teton Park RV Resort
P.O. Box 92
Moran, WY 83013

to install three dry pellet chlorinators on three existing wells, according to the procedures and conditions of the application number 10-089. Total coliform bacteria were detected in 2009 in the East area well and chlorination was recommended by EPA for all three shallow groundwater wells. The application also includes record information on the water system. The project is located within SE ¼, Section 27, T45N, R113 W in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 31, 2012.

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

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

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

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

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

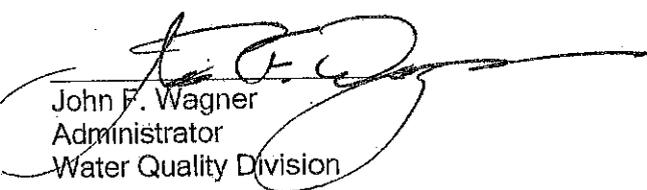
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

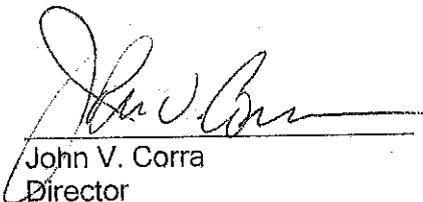
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview 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

3/22/10
Date of Issuance

JSB/rm/10-0226

STATEMENT OF BASIS

1. Permit Number: 10-089
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 James Brough, jbroug@state.wy.us, Northwest District Engineer and completed on March 19, 2010. 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: Thomas Pilch, P.E., Pilch Engineering, 41 East Burkitt St., Sheridan, WY 82801

F:\DIVISION\WQD\W&WW Section\2010 Permits & Reviews\10-089.pc.jsb.doc

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-090

Lost Creek Ranch water system improvements
PWS ID#WY5600500

This permit hereby authorizes the applicant:

Gerald T. Halpin, Trustee
Lost Creek Ranch, Inc.
P.O. Box 610
Jackson, WY 83001

to modify PWS #WY5600500 including completion of LCR Well No. 5, 3-inch raw water transmission line, and the construction of a control / chlorination building; according to the procedures and conditions of the application number 10-090. The shop drain system consists of a catch basin, sand trap, holding tank, pumps, conveyance piping and lined evaporative pond. Water is transferred from the catch basin into the holding tank via sump pump, and water is transferred from the holding tank via transfer pump to the evaporative pond. The facility is at Latitude 43.7369 degrees North and Longitude 110.5985 degrees West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 19, 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.

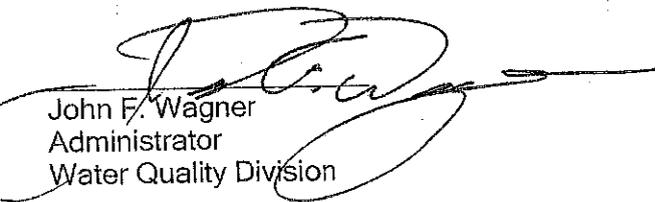
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/18/10
Date of Issuance

HES/rm/10-0218

STATEMENT OF BASIS

1. Permit Number: 10-090
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Applicable.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.
- 7.

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 Stueckler, hstuec@state.wy.us, Assistant Northwest District Engineer and completed on March 16, 2010. 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: Ty S. Ross P.E., Meridian Group, Inc. P.O. Box 610 Jackson, WY 83001

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-091R

PacifiCorp Jim Bridger Power Plant - Wastewater System Repair and Upgrade

This permit hereby authorizes the applicant:

Bob Arambel, Managing Director
PacifiCorp Jim Bridger Power Plant
9 Miles North of Point of Rocks
Point of Rocks, WY 82942

to construct upgrades and improvements to the existing domestic wastewater treatment package facility to serve the workforce at an average rate of 15 gallon per minute, according to the procedures and conditions of the application number 10-091R. The facility is located about 9 miles north of Point of Rocks, WY, at Lat 41.739, Lon -108.778 in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by October 5, 2012. Effluent pond is permitted with the Office of the State Engineer Permit 9596 Reservoir.

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

- 2 of 6 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.

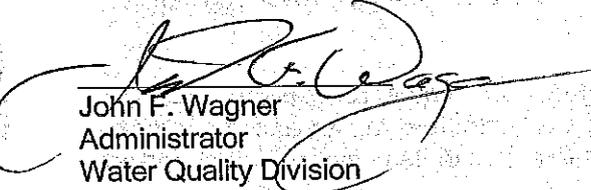
- 3 of 6 Treated wastewater monitoring results shall be retained and available for inspection upon request by the Wyoming Department of Environmental Quality. Copies of records shall be maintained by the plant operator.

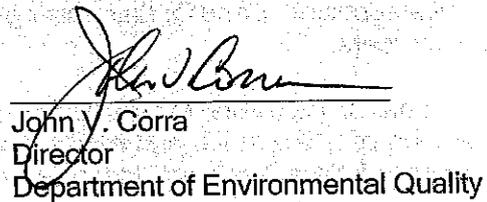
- 4 of 6 The required treated wastewater monitoring and sampling frequency is listed in the attached Monitoring Schedule on page 4 of 4 of this permit.

- 5 of 6 If the treated wastewater is found to be in non-compliance with either Fecal Coliform Bacteria or Chlorine Residual results must be immediately reported to the Wyoming Department of Environmental Quality.

- 6 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

10/6/10
Date of Issuance

PDR/rm/10-0893

STATEMENT OF BASIS

1. Permit Number: 10-091R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
No. The discharge limits are based upon Chapter 11, Section 55(c)(i) numerical water quality criteria for special situations. The treated sewage effluent discharges into an unpermitted 4910 acre-feet non-discharging, non-potable utility and evaporative effluent pond.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

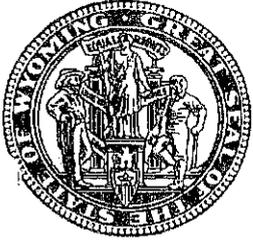
CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Perry Roberson and approved by Mark D. Baron, P.E., Southwest District Engineer, mbaron@state.wy.us, and completed on October 5, 2010. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents permit conditions, and the items identified in this "Statement of Basis."

cc: Michael W Meyer, P.E., Jim Bridger Power Plant, 9 Miles North of Point of Rocks, Point of Rocks, WY 82942

PacifiCorp Jim Bridger Power Plant Wastewater Treatment Facility - Monitoring Schedule -
Treated Wastewater Reuse Monitoring and Reporting Requirements WDEQ/WQD Permit
Number 10-091R, Sweetwater County, October 5, 2010

Parameter	EPA ¹ Approved Method	Regulatory Limit	Point of Compliance	Sampling Frequency
Biochemical Oxygen Demand (BOD)	SM5210B	30 mg/l	At the point of discharge to effluent pond	Record of bi-annual grab sample
Total Suspended Solids (TSS)	SM2540D	100 mg/l	At the point of discharge to effluent pond	Record of bi-annual grab sample
Fecal Coli form Bacteria	SM9222D	200 count Maximum	At the point of discharge to effluent pond	Record of bi-annual grab sample
Chlorine Dosage			Target dosage 10 mg/l	
Chlorine Residual		Not to exceed 50 mg/l	At the point of discharge to effluent pond	Daily with a hand held chlorine residual meter.
Chlorine Residual		Detectable	Contact tank	Record weekly average of daily monitoring value



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 29, 2010

Nancy Tia Brown, Mayor
City of Cody
P.O. Box 2200
Cody, WY 82414

RE: Belfry Bridge (County Road 2ABW) 8-inch water main replacement project. DEQ Permit #10-092R, Park County, City of Cody, SE1/4 & NE1/4 Section 30 & 31, T53N, R101W

Dear Mayor Brown:

This project consists of the installation of approximately 1094 linear feet of 8-inch AWWA C-900 Class 150 PVC treated water main.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7, and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations and is hereby approved.

You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit.

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

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

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

Sincerely,

Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division

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

xc: PDF to Cheyenne
Stephen W. Payne P.E., City of Cody, P.O. Box 2200, 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

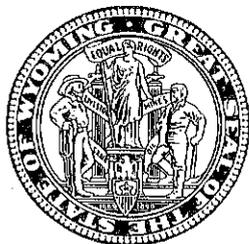
AIR QUALITY
(307) 332-6755
FAX 332-7726

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



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 17, 2010

Lane Thompson
City of Sheridan
P.O. Box 848
Sheridan, WY 82801

RE: Transfer of Ownership,
Brundage Corner Subdivision aka T&C Corner
Sheridan County, Reference Permit #08-267
Permit #10-093

Dear Mr. Thompson:

The above Transfer of Ownership for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations (WWQRR) and for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3 and Chapter 11 of the WWQRR has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

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

Sincerely,

Suzanne Engels
WDEQ/WQD

SE/rm/10-0219

Enclosures

cc: IPS, Cheyenne
WDEQ Casper File
Kon Ho In, T & C, LLC, 700 North Main, Sheridan, WY 82801
Jason Spielman, P.E., Centennial Collaborative, 237 North Main Street, Sheridan, WY 82801

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

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

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

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

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

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

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

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



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-094R

~~—Town of Star Valley Ranch—~~Prater Tank & Transmission Line
PWS Number WY5600287

This permit hereby authorizes the applicant:

Boyd Siddoway
Town of Star Valley Ranch
HCR 62 P.O. Box 7007
Star Valley Ranch, WY 83127

to construct a public water supply system consisting of a 400,000 gallon finished water storage tank, valve vault, and about 7200 linear feet of 10-PVC water main according to the procedures and conditions of the application number 10-094R. The facility is located about 1.5 miles north of the Town of Star Valley Ranch, within the Section 30, T35N, R118W in the county of Lincoln, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 3, 2012.

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

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

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

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

Nothing in this permit shall be construed to preclude the institution of any legal action or other proceeding to enforce any applicable provision of law or rules and regulations.

It is the duty of the permittee, owner and operator to comply with all applicable federal, state and local laws or regulations in the exercise of its activities authorized by this permit.

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

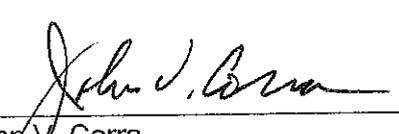
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

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

5/11/10
Date of Issuance
MDB/bb/10-0366

STATEMENT OF BASIS

1. Permit Number: 10-094R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Finish water storage tanks and water main systems are exempted from review by Chapter 3, Section 17.
5. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., Southwest District Engineer, mbaron@wyo.gov, and completed on May 3, 2010. 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."

MDB/bb/10-0366

xc: D. Shay Smith, P.E., Forsgren Associates, Inc., 849 Front Street, Suite 201, Evanston, WY 82930



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

April 29, 2010

Mayor Cliff Clevenger
Town of Ranchester
P.O. Box 695
Ranchester, WY 82839

RE: Coffeen Street at Grade Water Line, Town of Ranchester, Wyoming, WDEQ #10-095

Mayor Clevenger:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modification of Existing Public Water Supply Distribution Systems in accordance with Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the facility(ies) in accordance with the general permits and the materials submitted in your application package. The General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage,

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

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

Sincerely,

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

Enclosures: Certificate of Completion

cc: Chris Johnson, P.E., Town of Ranchester, P.O. Box 695, Ranchester, WY 82839
WDEQ File
IPS

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

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

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





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 22, 2010

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

RE: Reach First Subdivision Water and Sewer Lines, Permit Number: 10-096, SE ¼, Section 28, T1N, R4E, Fremont County

Dear Mr. Weber:

This project involves the installation of about 363 linear feet of 8-inch PVC sewer main, two manhole, and 376 linear feet of 8-inch PVC water main, two fire hydrant to serve six duplex housing units. The above application for coverage under General Permit 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 materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit which can be downloaded from the Wyoming Department of Environmental Quality webpage at:

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

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

Sincerely,

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

xc: IPS, Cheyenne
Terry Zenk, P.E., Apex Surveying, Inc., P.O. Box 1751, Riverton, WY 82501
Bill Urbigkit, City of Riverton, 816 North Federal Blvd., Riverton, WY 82501

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

ABANDONED MINES
(307) 332-5085
FAX 332-7798

AIR QUALITY
(307) 332-6755
FAX 332-7798

LAND QUALITY
(307) 332-3047
FAX 332-7798

SOLID & HAZARDOUS WASTE
(307) 332-6924
FAX 332-7798

WATER QUALITY
(307) 332-3144
FAX 332-7798



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-097R

Hudson Second Water Tank
PWS ID#WY5600183C

This permit hereby authorizes the applicant:

Jake Hamon, Mayor
Town of Hudson
P.O. Box 56
Hudson, WY 82515

to erect a 250,000 gallon potable water storage tank, foundation and appurtenances; 820 linear feet of 6-inch and 1075 linear feet of 8-inch water line; security fence and other miscellaneous structures associated with the tank and water line in accordance with the procedures and conditions of the application number 10-097R. The facility is at Latitude 42.898298 degrees North and Longitude 108.582190 degrees West in the county of Fremont, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by August 31, 2012.

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

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

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

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

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

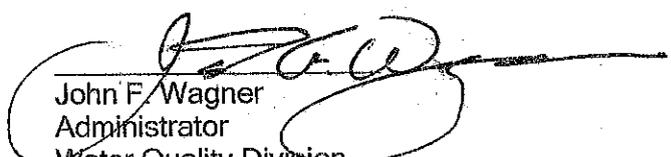
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

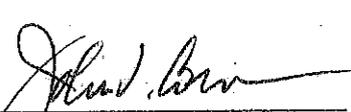
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 510 Meadowview Drive, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 12, 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

8/2/10
Date of Issuance

HES/rm/10-0666

STATEMENT OF BASIS

1. Permit Number: 10-097R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
No.
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Applicable.
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 Hannes Stueckler, hstuec@state.wy.us, Assistant Northwest District Engineer and completed on August 2, 2010. 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: Calvin R. Twiford, P.E., James Gores and Associates, 111 North 3rd Street East, Riverton, WY 82501

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 10-098

REFERENCE PERMITS NO. N/A

Moorcroft 2010 Madison Pipeline, Level III Project

This permit hereby authorizes the applicant:

Town of Moorcroft
P.O. Box 70
Moorcroft, WY 82721

to construct, install or modify the pitless adapter, submersible pump and accessories, pumphouse building including chlorination facilities, storage tank, and transmission line, according to the procedures and conditions of the application number **10-098**. The facility is located in the NE ¼ NW ¼ of Section 5, Township 49 North, Range 67 West; S ½ of Section 32, 33, 34, 35, and 36, Township 50 North, Range 67 West; NW ¼ SW ¼ of Section 31, Township 50 North, Range 66 West, and the N ½ of Section 31 and 32 of Township 50 North, Range 66 West of the Sixth Principal Meridian. All construction, installation, or modification allowed by this permit shall be completed by December 31, 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 construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the engineer's design are the responsibility of the permittee, owner, and/or operator. Granting this permit does not imply that the Wyoming DEQ guarantees or ensures that the permitted facility meets applicable operational and discharge requirements. Compliance with applicable standards remains the responsibility of the permittee.

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

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

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

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

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

1 of 4

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

2 of 4

Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY, 82601 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

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

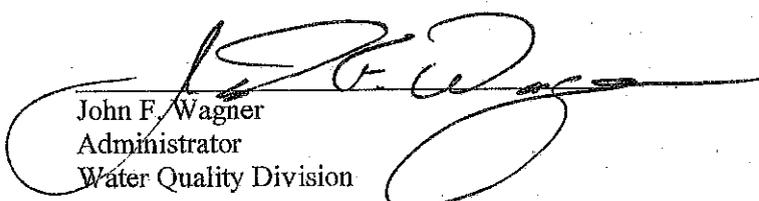
3 of 4

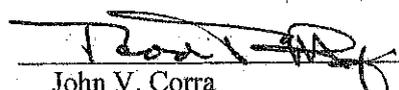
Within thirty days of completion of construction of the authorized facility, the Engineer of Record will submit two (2) complete copies of the Operation and Maintenance Manuals to the Northeast District, Water Quality Division, 152 North Durbin, Suite 100, Casper, WY 82601.

4 of 4

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

6-3-10
Date of Issuance

KLF/rm/10-0464

cc: Jerry Hunt, P.E., Weston Engineering, Inc., P.O. Box 260, Upton, WY 82730

STATEMENT OF BASIS

1. Permit Number: **10-098**
2. Application reviewed for compliance with the following applicable regulations:
Chapter 3 and Chapter 12 of the Wyoming Water Quality Rules and Regulations
3. Does the permit comply with all applicable regulations identified above?

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

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Karen L. Farley, P.E., and completed on June 2, 2010. 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."



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

NOTIFICATION OF COVERAGE

March 22, 2010

James Brusaw, Jr.
Industrial Engine Service
5051 Link Drive
Casper, WY 82601

RE: Industrial Engine Service Wastewater Holding Tank for Shop Wastewater, WDEQ # 10-099

Dear Mr. Brusaw:

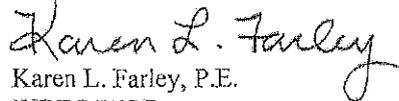
The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or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

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

It is understood that the tank has historically been pumped approximately once a year; therefore, a variance to the requirement for a high water alarm is granted. Owner shall monitor the level periodically and have the tank pumped as needed.

If you have any questions, please contact me at 152 North Durbin Street, Suite 100, Casper, WY, 82601, or at (307) 473-3478. Thank you.

Sincerely,



Karen L. Farley, P.E.
WDEQ/WQD

Enclosures: Certificate of Completion

cc: IPS, Cheyenne
Wayne Lyttle, All Done Construction, 1730 N. Moonstone Lane, Casper, WY 82601
April Gindulis, Natrona County Health Department
WDEQ File

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

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

WATER QUALITY DIVISION
(307) 473-3485
Fax: (307) 473-3458





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 15, 2010

William Garrow
Sunset Properties
1601 8th Street
Cody, WY 82414

RE: Best Western Ivy Sewer and Water. DEQ Permit #10-100R, Park County, NW 1/4, NE 1/4, Section 1, T52N R102W O.S. Resurvey Lot 68

Dear Mr. Garrow;

This project consists of the installation of water and sewer services as part of the construction of the Best Western Ivy facility.

A variance was requested from Chapter 11, Section 9 (c)(i)(C) which requires a minimum slope of 0.006 ft/ft for 6-inch pipe. A variance from this regulation is granted based upon Policy 13.9.13. DEQ recognizes that similar slopes in similar pipe materials have been used with success in the past at other facilities. The City of Cody has acknowledged that the low slope pipes may require additional maintenance on their portion of the sewer main.

The above application for coverage under General Permit has been reviewed in accordance with Chapter 3, Section 7; Chapter 11, Part B; and Chapter 12, Section 14 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. 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

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

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-8755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144



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

Sincerely,



Hannes E. Stueckler
Assistant Northwest District Engineer
Water Quality Division



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

xc: PDF to Cheyenne
Donald J Livingston P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414
Stephen W. Payne P.E., City of Cody, P.O. Drawer 2200, Cody, WY, 82414