



Department of Environmental Quality



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

Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 10, 2013

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

RE: NRWD Workman TW Extension - Lovell Service Area
DEQ Permit #13-501
Located in Big Horn County

Dear Ms. Overfield,

This project consists of the installation of approximately 2,100 linear feet of 2 inch waterline along highway 310, south of Lovell, to serve three new service taps.

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

You are authorized to construct, the facility in accordance with the the materials submitted in your application package and the General Permit to Construct, Install, Modify or Operate Extensions to or Modification to Existing Public Water Supply Distribution Systems. Construction shall be completed by December 10, 2018

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

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

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

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

Sincerely,

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

xc: PDF to Cheyenne
Robert Overfield P.E., Engineering Associates, P.O. Box 1900, Cody, WY 82414

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

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

AIR QUALITY
(307) 332-8755
FAX 332-7726

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

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

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





Department of Environmental Quality

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 6, 2014

David Haysley, Project Manager
Tallgrass Energy
370 Van Gordon Street
Lakewood CO 80228

RE: Construction of Guernsey Pump Station,
Application No. 13-502, Platte County

Dear Mr. Haysley:

The above application for coverage under General Permit to Construct an already Installed, Modify or Operate a Small Wastewater Facility consisting of a 1000 gallon septic tank discharging into about 48 feet of chamber type trench leachfield consisting of a single row of Biodiffuser brand, ARC36 model chamber units each for a office serving 7 staff members located in the NE $\frac{1}{4}$ NW $\frac{1}{4}$, Section 17, T26N, R65W, Platte County in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

- A. All bends in the discharge piping between septic tank and leach field shall include a cleanout of the same diameter as the discharge piping.
- B. Septic Tank Clean-Out Riser Requirement - Either a 6 inch diameter clean-out riser or the manway from each compartment of the septic tank must be extended to the ground surface.

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

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

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

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



Please reference Application No. 13-502 in any future correspondence.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Todd D. Hepworth". The signature is fluid and cursive, with a large initial "T" and "H".

Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Southeast District, Water Quality Division

TDH/rm/14-0010

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



Department of Environmental Quality

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



Matthew H. Mead, Governor

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

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 6, 2013

Colter Ellsbury
319 Farrall Road
Sundance, WY 82729

RE: Ellsbury Small Wastewater System
Application No. 13-503, Crook County

Dear Mr. Ellsbury:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Small Wastewater Facility consisting of a 1,500 gallon Boom Concrete septic tank discharging into a bed system consisting of four trenches of seven Biodiffuser Standard Chambers each, for a four bedroom residential building located in the NW¼, Section 13, Township 53N, Range 62W, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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

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

Additionally, the following permit condition applies:

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

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

Sincerely,

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

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

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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



PERMIT TO CONSTRUCT
(AS-BUILT)

New
 Renewal
 Modified

PERMIT NO. 13-504
SPECIAL CONDITIONS

Atlantic Richfield Company-BP Whiskey Buttes 13 Site
Condensate Remediation Project (REM 009)

This permit hereby authorizes the applicant:

Anadarko Petroleum Corporation
1099 18th Street, Suite 1800
Denver, CO 80202

to construct, install or modify construct two additional monitoring wells and install passive aeration apparatus for an LNAPL recovery system in conjunction with ongoing monitoring activities according to the procedures and conditions of the application number 13-504. The facility is located in NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 3, T.21N., R.112W. (6th P.M.) in the county of Lincoln, in the State of Wyoming. All construction, installation or modification allowed by this permit shall be completed by September 30, 2016.

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.

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. After the passive aeration system has fulfilled its useful purpose, they shall be disposed according to procedures specified in Chapter 26 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.
2. WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of the bailers and sample collection so that they may be on site if deemed necessary.
3. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
4. The results of any other analyses conducted on soil or water removed from all wells/piezometers or boreholes shall be provided to the department as soon as they are available.
5. ***Environmental Monitoring Program for Groundwater of the State:***
 - a. 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.
 - b. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The name(s) of individual(s) who performed the sampling or measurements;
 - iii. 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.

- iv. Sampling procedures and sample preservation accomplished;
- v. The date(s) analyses were performed;
- vi. Names of individuals who performed the analyses;
- vii. The analytical techniques or methods used; and
- viii. The results of such analyses.
- ix. Groundwater samples from the monitoring wells shall be analyzed as indicated on the following table. This table supercedes previous permit requirements.

WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT*
All Existing Monitoring wells	Semi-annual	EPA 8015M EPA 8260 (or equivalent)	TPH-GRO BTEX	

* 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.

6. Within ninety (90) days of completion of the recovery system installation, Atlantic Richfield Company shall submit a completion report. The completion report shall include the operation and maintenance plan and "as built" diagrams of the recovery system. Thereafter, an annual report, as is currently being submitted, will be required that provides a summary of the sampling data, LNAPL recovery amounts, a description of any equipment problems or downtime, and any other pertinent data.

7. 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.

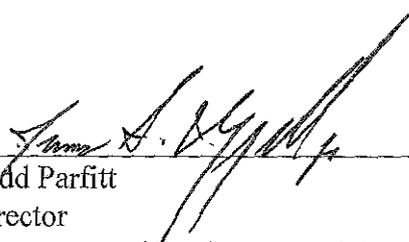
AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division

12-24-13

Date of Issuance



Todd Parfitt
Director
Department of Environmental Quality

DC/rm/13-1221

PERMIT TO CONSTRUCT
(AS-BUILT)

New
 Renewal
 Modified

PERMIT NO. 13-505
SPECIAL CONDITIONS

Atlantic Richfield Company-BP Whiskey Buttes 14 Site
Condensate Remediation Project (REM 010)

This permit hereby authorizes the applicant:

Anadarko Petroleum Corporation
1099 18th Street, Suite 1800
Denver, CO 80202

to construct, install or modify absorbent socks & passive aeration apparatus for an LNAPL recovery system and conduct groundwater monitoring activities according to the procedures and conditions of the application number 13-505. The facility is located in NE $\frac{1}{4}$ SW $\frac{1}{4}$, Section 2, T.21N., R.112W. (6th P.M.) in the county of Lincoln, in the State of Wyoming. All construction, installation or modification allowed by this permit shall be completed by July 31, 2016.

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.

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. After the absorbent socks and passive aeration system has fulfilled its useful purpose, they shall be disposed 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.
2. WDEQ/WQD personnel shall be given at least two (2) weeks notice prior to the installation of the bailers and sample collection so that they may be on site if deemed necessary.
3. The applicant is responsible for obtaining any Permits required by the State Engineer's Office (777-7354).
4. The results of any other analyses conducted on soil or water removed from all wells/piezometers or boreholes shall be provided to the department as soon as they are available.
5. ***Environmental Monitoring Program for Groundwater of the State:***
 - a. 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.
 - b. The permittee shall maintain records of all monitoring information for a period of at least 3 years.
 - c. Records of monitoring information shall include:
 - i. The date, exact place, and time of sampling or measurements;
 - ii. The name(s) of individual(s) who performed the sampling or measurements;
 - iii. 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.

- iv. Sampling procedures and sample preservation accomplished;
- v. The date(s) analyses were performed;
- vi. Names of individuals who performed the analyses;
- vii. The analytical techniques or methods used; and
- viii. The results of such analyses.
- ix. Groundwater samples from the monitoring wells shall be analyzed as indicated on the following table. This table supercedes previous permit requirements.

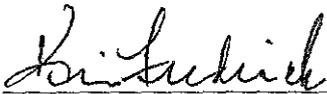
WELL NAME OR NUMBER	SAMPLING FREQUENCY	ANALYTICAL METHOD(S)	PARAMETER(S) ANALYZED	PERMIT LIMIT
All Existing Monitoring wells	Semi-annual	EPA 8015M EPA 8120 (or equivalent)	TPH-GRO BTEX	

* 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.

6. Within ninety (90) days of completion of the recovery system installation, Anadarko Petroleum Corporation shall submit a completion report. The completion report shall include the operation and maintenance plan and "as built" diagrams of the recovery system. Thereafter, an annual report, as is currently being submitted, will be required that provides a summary of the sampling data, LNAPL recovery amounts, a description of any equipment problems or downtime, and any other pertinent data.

7. 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.

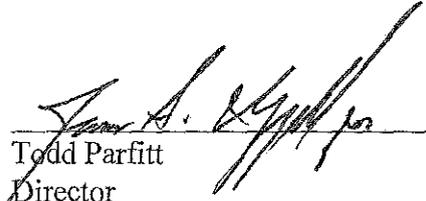
AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division

12-24-13

Date of Issuance


Todd Parfitt
Director
Department of Environmental Quality

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 13-506

REFERENCE PERMIT NO. N/A

2013 Casper Drain/Overflow Structures Project
PWS No WY5601415

This permit hereby authorizes the applicant:

John C. Patterson
City of Casper
200 North David Street
Casper, WY 82601

to construct, install or modify the drain and/or overflow structures at five storage tanks according to the procedures and conditions of the application number 13-506. The facility is located in Section 32, Township 34 North, Range 79 West, further located in Casper, Wyoming. All construction, installation, or modification allowed by this permit shall be completed by December 31, 2015.

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

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

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

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

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

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

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

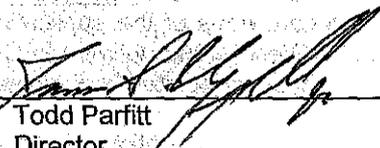
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

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

AUTHORIZED BY:



Kevin Frederick
Administrator
Water Quality Division



Todd Parfitt
Director
Department of Environmental Quality

12-24-13

Date of Issuance

JRV/rm/13-1224

cc: David Hill, P.E., City of Casper, 200 North Durbin Street, Casper, WY 82601
John Gillis, PhD, EPA Region 8, 1595 Wynkoop Street, Denver, CO 80202-1129

STATEMENT OF BASIS

1. Permit Number: **13-506**
2. Application reviewed for compliance with the following applicable regulations :
CHAPTER 3, CHAPTER 12
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.
NO
5. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 is not required.
6. Documentation of Statement of Basis: The archive file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Jason Vreeland, P.E., and completed on December 23, 2013. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 9, 2013

Ty S. Ross
North Star Utility Company
P.O. Box 610
Jackson, WY 83001

RE: North Star Utility Company - Flying Saddle Resort - Sewage Force Main Master Meter - Permit Number 13-507, SE ¼, SE ¼, Section 20, T37N, R118W, Lincoln County

Dear Mr. Ross:

The above application for coverage under General Permit to Construct the modification of a Sewage Collection System consisting of a 4-inch Electromagnetic Force Main Master Meter in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

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

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

Sincerely,

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

PDF to Cheyenne
Ty S. Ross, Meridian Group, Inc., P.O. Box 610, Jackson, WY 83001

Page 1 of 1

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





Department of Environmental Quality

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



Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 10, 2013

Town of Pine Bluffs

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

RE: Pine Bluffs Alley Replacement Project
Application No. 13-508, Laramie County

Dear Mayor Shain:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of replacing an existing 8-inch water main (370 LF +/-), with service taps, valve, fire hydrant & appurtenances located in the **Northeast ¼ of the Southwest ¼ Section 15, T14N, R60W, 6th PM, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 10, 2017**.

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

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

Please reference Application No. **13-508** in any future correspondence.

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

Sincerely,

Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division
TDH/rm/13-1170

Enclosures: Certificate of Completion form
cc: IPS

John Goin, Lidstone and Associates, Inc. 4025 Automation Way, Building E, Ft Collins CO 80525

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

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

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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 7, 2014

Town of Burns

Attn: Judy Johnstone, Mayor
327 South Main Street
Burns, WY 82053

RE: Bulk Water Fill Station, Town of Burns
Application No. 13-509, Laramie County

Dear Ms. Johnstone:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of installing a 2-inch prepackaged bulk-fill water station located in the **Southwest ¼ of Southeast ¼, Sections 7, T14N, R62W, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. The concrete pad detail is revised to eliminate the proposed floor drain and alternate piping with an air-gap shall be used to direct the Reduced Pressure Backflow Preventer's discharge away from the concrete pad in such a manner as to minimize any nuisance flow or icing hazards.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **January 7, 2019**.

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

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

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-509 in any future correspondence.

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

Sincerely,



Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division

TDH/rm/14-0021

Enclosures: Certificate of Completion form

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



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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 16, 2014

West Highway Water and Sewer District
Attn: Jerry Canaday, Board President
P.O. Box 1313
Torrington WY 82240

RE: Highway 26/85 Sewer Meter,
Application No. 13-510, Goshen County

Dear Mr. Canaday:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Sewage Collection System** consisting of Replacing a 4-ft diameter sanitary sewer manhole with a 6-ft diameter flow metering manhole within Highway 26/85 located in the Northwest ¼, Section 9, T24N, R61W, Goshen County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, in accordance with the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **January 16, 2019**.

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

Please reference Application No. **13-510** in any future correspondence.

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

Sincerely,

Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division
TDH/rm/14-0049

Enclosures: Certificate of Completion form

cc: IPS

Rachelle Anderson, BenchMark of Torrington P.C.; P.O. Box 99, Torrington WY 82240

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

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Matthew H. Mead, Governor

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

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 11, 2013

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

RE: Town of Moorcroft Goshen Street and Powder River Avenue Water Main Leak Repair
Application No. 13-513, Crook County

Dear Mr. Blakeman:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems consisting of the construction of approximately 100 feet of 8 inch waterline and two hydrants located in **Section 31, Township 50N, Range 68W**, Crook County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 12** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 31, 2015**.

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

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

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Heath Turbiville, P.E., HDR Engineering, Inc., 601 Metz Drive, Gillette, WY 82717

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 7, 2014

City of Laramie

Attn: Earl Smith, Public Works Director
P.O. Box C
Laramie, WY 82072

RE: Cleveland Street Water, Storm Drain, and Street Paving
Application No. **13-514, Albany County**

Dear Mr. Smith:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of installing approximately 1,420 LF 8-inch PVC Water Main, 65 LF 6-inch PVC Water Main, 3 Fire Hydrant Assemblies, mainline valves, service taps and appurtenances located in the **Southwest ¼ of the Southwest 1/4, Section 31, T16N, R73W, Albany County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

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

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **January 7, 2019**.

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

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

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-514 in any future correspondence.

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

Sincerely,



Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division

TDH/rm/14-0013

Enclosures: Certificate of Completion form

cc: IPS
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming 82073
John Hall, SEH Inc., 216 East Grand Avenue, Suite A, Laramie WY 82070-3640

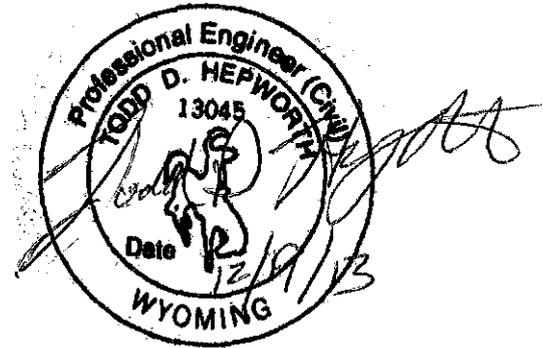
REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: City of Laramie – Cleveland Street Waterline, Storm Drain & Street Paving

ENGINEER: John Hall
(SEH, Inc.)
216 East Grand Ave., Suite A
Laramie, WY 82070

APPLICANT: Earl Smith
(City of Laramie)
PO BOX C
Laramie, WY 82073



WATER QUALITY DIVISION REFERENCE NUMBER: 13-514
REVIEWING ENGINEER: Todd D. Hepworth
DATE OF REVIEW: December 19, 2013

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

COMMENTS, INADEQUACIES, AND QUESTIONS

Engineering Design Report:

1. The report indicates "recent flow tests indicate that minimum fire flows are well exceeded in this area." Please submit a copy of the fire flow test data, including system pressure within the vicinity of the project site.

Project Manual/Plans:

2. I have a concern regarding the proposed pipelines' joint restraint. Other than having a detail regarding thrust blocking I do not see a direction to the contractor that all fittings are to include adequate restraint. This could either be as a note on the Plan and/or Profile view, or as a "Subsidiary Item" to individual fittings by direction in the Specifications. Please confirm that the new installation will include adequate thrust restraint.

END OF REVIEW

TDH/rm/13-1219

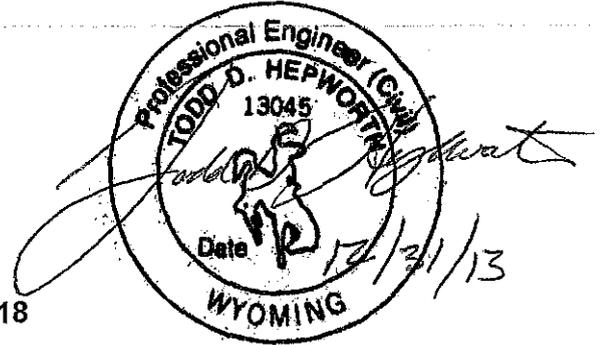
REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Town of Pine Bluffs North Lift Station and Lagoon Improvements Project

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

APPLICANT: Bill Shain (Town of Pine Bluffs)
P.O. Box 429
Pine Bluffs, WY 82082



WATER QUALITY DIVISION REFERENCE NUMBER: 13-518

REVIEWING ENGINEER: Todd D. Hepworth

DATE OF REVIEW: December 31, 2013

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

COMMENTS, INADEQUACIES, AND QUESTIONS

Design Report

1. Per WyDEQ Rules & Regulations Chapter 11, Part A, Sections 6.c.i.B: Section 2.0 of the Design Report indicates that the current configuration for the lift station can overflow into an old lagoon as a holding pond that subsequently drains back into the lift station by means of a 12-inch line and gate valve. Please expound with additional information:
 - a. Will this aspect of the facility remain in use?
 - b. Is the existing valve functional or in need of replacement?
 - c. The FEMA map for this location appears to indicate that the northwest corner of the old lagoon is in the 100-year floodplain. Please clarify if the old lagoon / temporary holding facility embankment has the requisite freeboard if it will remain in use.
 - d. Given that the design appears to indicate a pumping station capacity decrease from 430 to 380 gpm, please clarify if the "overflow" is required when the lift station is without power or when inflow exceeds peak capacity.
2. Per WyDEQ Rules & Regulations Chapter 11, Part A, Sections 6.c.i.G: While the Design Report includes an excerpt of a USGS topographic map, please supplement with the map collar information. Specifically, please reference the map's vertical datum basis and publication date.

PROJECT: Town of Pine Bluffs North Lift Station and Lagoon Improvements Project
DATE OF REVIEW: December 31, 2013

3. Section 3.0, Page 4 of the Design report indicates a peak factor basis from the City and County of Denver design guidelines of $3.4 \cdot Q_a^{-0.16}$, or a value of 4.8 from Tables 2 & 3 on the same page. Looking at the listed reference, it appears that the formula should be $2.6 \cdot Q_a^{-0.16}$ (per 2008 version of CCoD Design Criteria Manual, found online), which would result in a peak factor of 3.7, instead of 4.8.
4. Please justify the average flow of 57 gpcpd. Was the two week sample period for total flow a seasonal peak period, seasonal "vacation" period, or typical flow scenario? WyDEQ's design basis (from the 10 State Standards for Waste Water Facilities (2004 Edition)), recommends using 100 gpcpd for new systems when no other flow data is available. Backing out from $(430 \text{ gpm} - 118 \text{ gpm}[\text{infiltration/inflow}])/3.7 = 84 \text{ gpm}$ or 87 gpcpd for a population of 1,396. (The pumps selected can also meet this duty condition, but may require a larger motor than currently specified).
5. Please describe your anticipated construction phasing. Do you expect the contractor to perform bypass pumping and if so, between what structures, or will they be required to cut into the existing force main?
6. Per WyDEQ Rules and Regulations Chapter 11, Part B, Section 10.e:
 - a. Please confirm in the Design Report that the proposed pump station can handle the peak flow with a single pump / with one of the two pumps out of service.
 - b. Please address either alternative power, backup generator, or storage. If the current "old" lagoon is to be used for storage, provide confirmation that it is a water-tight facility by providing percolation test data.
7. For Appendix B, you may want to change the cover to indicate data for "Laramie County" rather than "Larimer County."

Project Plans

8. Sheets 2 & 3: The Design Report references the potential for additive alternate bid items for replacing MH-1 and resurfacing the interior of MH-2 & MH-3. It is suggested that the "add-alternate" bid items are indicated as such in the plans to clarify the scope of work. Also, note that the referenced hydrogen-sulfide resistant coating intended for MH-1 is not shown/called-out on Sheet 3.
9. Sheet 4:
 - a. Per WyDEQ Rules and Regulations, Chapter 11, Part B, Section 10.c.ii: Note that the hopper walls of wet wells shall be sloped no less than 1.75 vertical to 1 horizontal.
 - b. Add a note to the Demolition Section indicating that the sump pump discharge/return to the wet well to be capped/plugged in the wet well.

END OF REVIEW



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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 31, 2013

Douglas & Aubrey Bremer
810 Ayers Rd
Wheatland, WY 82201

RE: Bremer Septic System,
Application No. 13-519, Platte County

Dear Mr. & Mrs. Bremer:

The above application for coverage under General Permit to Construct an already Installed, Modify or Operate a **Small Wastewater Facility** consisting of a 1000 gallon septic tank discharging into about 114 feet of chamber type trench leachfield divided into three equal rows of at least 18 *Biodiffuser* brand, 14" Tall Hi-Capacity model chamber units each for a **3 bedroom home** located in the NE¼ SE ¼, Section 9, T23N, R68W, Platte County in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the small wastewater system in accordance with Chapter 25 of the Water Quality Division Rules and Regulations, the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Additionally, the following project specific conditions also apply:

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

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

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

Please reference Application No. 13-519 in any future correspondence.

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

Sincerely,

Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Southeast District, Water Quality Division

TDH/rm/13-1235

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

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ADMIN/OUTREACH (307) 777-7158 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Matthew H. Mead, Governor

Todd Parfit, Director

NOTIFICATION OF COVERAGE for

January 14, 2014

Magnablend

Attn: Ryan Card, Support Services Coordinator
326 North Grand Avenue
Waxahachie, TX 75165

RE: Magnablend,
Application No. 13-521, Laramie County

Dear Mr. Card:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of replacing approximately 2,850 lineal feet of 8-inch water main, 1,230 of 8-inch water main and Existing Sewage Collection Systems consisting of replacing approximately 785 lineal feet of 6-inch sanitary sewer main located in the **Sections 27 and 33, T13N, R67W, Laramie County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the water distribution system in accordance with **Chapter 12, Section 14** of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with **Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

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

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by January 14, 2019.

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ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-3616	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) 777-7778 FAX 777-5973
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This Notice of Coverage is covered under the General Permits on the Wyoming Department of Environmental Quality webpage. The General permits can be viewed at the following path:

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

Please reference Application No. **13-521** in any future correspondence.

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

Sincerely,



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

SWT/bb/14-0043

Enclosures: Certificate of Completion form

cc: IPS
Christine Johnson, AVI, 1103 Old Town Lane, Cheyenne, WY 82009
Brad Brooks, Cheyenne BOPU, 2416 Snyder Avenue, Cheyenne, WY 82001



Department of Environmental Quality

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Matthew H. Mead, Governor

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

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 13, 2014

B & T Fabrication
Thomas A. Hammell
1522 North Derrick Drive
Casper, WY 82604

RE: B & T Fabrication 4" Fire Line
Application No. 13-522, Natrona County

Dear Mr. Hammell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems, consisting of approximately 110 lineal feet of 4" PVC water line located in the NW ¼, Section 34, Township 34 North, Range 80 West, Natrona County, and further located at 1522 North Derrick Drive, Casper, WY, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 12 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by **December 31, 2015**.

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

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

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Nick Larsen, PE, CEPI, 6080 Enterprise Blvd., Casper, WY 82609
Marlon B. Holmquist, Vista West Water Company, P.O. Box 565, Casper, WY 82602

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





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Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 13, 2014

Brian Boettcher
Town of Evansville
235 Curtis Street
Evansville, WY 82636

RE: Town of Evansville Hydrant and Manhole Replacement Project
Application No. 13-523, Natrona County

Dear Mr. Boettcher:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems and Existing Sewage Collection Systems, consisting of the replacement of approximately 31 fire hydrants and 14 sanitary sewer manholes located in **Section 1, Township 33N, Range 79W, Natrona County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with **Chapter 11 and 12** of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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

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

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File (electronic)
Brad Holwegner, P.E., WLC Engineering, 200 Pronghorn Street, Casper, WY 82601

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





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

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 30, 2013

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

RE: 18" South Transmission Line Replacement, Buffalo, WY
WDEQ Application No. 13-525, Johnson County

Dear Mr. Hook:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Water Supply Distribution Systems, consisting of the removal and replacement of approximately 3,612 lineal feet of 18" cement/asbestos water line with 18" PVC water line, along with associated fire hydrants and water service lines, located in the SE ¼ Section 3 and SW ¼ Section 2, Township 50 North, Range 82 West, City of Buffalo, WY, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with Chapter 12 of the Water Quality Division Rules and Regulations, the general permit, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. All construction, installation, or modification allowed by this Notification of Coverage shall be completed by December 31, 2015.

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

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

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

Sincerely,

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

cc: IPS, Cheyenne
WDEQ Casper File
Brent Bennett, P.E., Nelson Engineering, P.O. Box 1004, Buffalo, WY 82834

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

Lander
510 Meadowview Drive 82520
(307) 332-3144

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





Department of Environmental Quality



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Matt Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

December 30, 2013

Rex Snyder
39955 Business Loop I-80
Lyman, WY 82937

RE: Crossroads Retail Center - Sanitary Sewer Main - Permit Number 13-526, SW ¼, Section 36, T16N, R115W, Uinta County

Dear Mr. Snyder:

The above application for coverage under **General Permit to Construct** the extension of a **Sewage Collection System** consisting of about 2000 linear feet of 8-inch PVC sewer main to serve a Retail Center in accordance with Chapter 3, Section 7 and Chapter 11, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facility in accordance with the general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the General Permit. These General Permit requirements can be downloaded from the Wyoming Department of Environmental Quality webpage. The General Permits can be found under the Water Quality Division Water and Wastewater Program, Engineering and Technical Services at :

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

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

Sincerely,

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

PDF to Cheyenne
Josh Wright, P.E., Uinta Engineering & Surveying, Inc., 808 Main Street, Evanston, WY 82930

Page 1 of 1

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

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

AIR QUALITY
(307) 332-8755
FAX 332-7726

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

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

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





Department of Environmental Quality

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Matthew H. Mead, Governor

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

Todd Parfitt, Director

January 23, 2014

Dan Allen, P.E.
Vista West Engineering
1470 Sugarland Drive, Suite 3
Sheridan, WY 82801

RECEIVED
JAN 29 2014
WATER QUALITY DIVISION
WYOMING

RE: Brinton Museum Water System
Location: NW ¼, Section 20, Township 54N, Range 84W
WDEQ Application #13-527

Dear Mr. Allen:

We have completed our review of the permit application submitted on December 23, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3469 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: (IPS /
WDEQ File



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

PROJECT: Brinton Museum Water System

LOCATION: Big Horn, Wyoming

ENGINEER: Vista West Engineering

APPLICANT: The Brinton Museum

WATER QUALITY DIVISION APPLICATION NUMBER: 13-527

DATE ON PROPOSAL/PLANS/REPORT: December 20, 2013

DATE RECEIVED BY DEQ: December 23, 2013

DATE OF THIS REVIEW: January 23, 2014

WDEQ REVIEWER: Jason Vreeland, P.E.

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

WDEQ COMMENTS

- 1) Chapter 12, Section 5(a) – The design report indicates that approval for the proposed treatment system is being requested under Chapter 12, Section 5 of the WWQRR. The design report provided examples of several similar treatment systems. However, Section 5 requires the submittal of data obtained from a full scale, comparable installation which demonstrates the acceptability of the design; data obtained from a pilot plant operated under the design condition for a sufficient length of time to demonstrate the acceptability of the design; or data obtained from a theoretical evaluation of the design which demonstrates a reasonable probability of the facility meeting the design objectives and an evaluation of the flexibility of making corrective changes to the constructed facility in the event it does not function as planned.

- 2) Page 6 of the design report indicates that the fire system is not part of the potable water system to be permitted by WDEQ. However, WDEQ Policy 14.14.11 requires a permit to construct for service lines under certain conditions, some of which include if a fire hydrant will be installed on the service line, the service line is larger than 2 inches in diameter, and the service line includes a pressure booster pump. The fire service line appears to meet all of these conditions. Please evaluate the fire line and storage for applicability to WDEQ regulations including minimum pressures, storage tank requirements, valve spacing, and separation distance. Also, please provide information on the sprinkler system to be installed as well as the fire booster pump.
- 3) Chapter 12, Section 6(c)(i) – Please provide the distance to the closest treated water transmission line and treated water storage facility.
- 4) Chapter 12, Section 6(c)(iv) – Please provide a detailed description of disposal techniques for settled solids, including a description of the ultimate disposal of sludge. Primarily, settled solids and sludge accumulating from the backwash of the filtration system.
- 5) Chapter 12, Section 6(c)(v) – Please comment on the quantity of water available from the source during the average and driest years of record. The design report bases the available source solely on one flow rate measurement from the pond during the winter of 2013. Also, please comment on any sources of potential contamination.
- 6) Chapter 12, Section 6(c)(v) – The design report indicates that the existing springs provide a legally permitted source of supply for the project and work is currently underway to acquire rights to flow through the Brinton Reservoir No. 2. Please provide an update on the progress of acquiring rights to the new source as the existing source doesn't appear to provide an adequate supply for the system.
- 7) Chapter 12, Section 6(d) – Please provide the hazard classification for all connections to the system. The design report addresses backflow prevention for some of the individual connections within the museum, as well as the fire connection, but does not address the remainder of the connections within the museum or the existing system that is to be connected to the proposed system.
- 8) Chapter 12, Section 7(c) – WWQRR require pipe size and material to be labeled on profiles for waterlines. Please address.
- 9) Chapter 12, Section 8(b) – WWQRR require treatment facilities to be located such that no sources of pollution may affect the quality of the water supply or treatment system and that they not be located within 500 feet of wastewater treatment systems. It appears that the treatment facility is located within 40 feet of the existing or proposed wastewater absorption field. Please justify the close proximity of the water treatment system to the wastewater absorption field and explain how the intent of the regulation is met.
- 10) Chapter 12, Section 8(d) – Please comment on if the system will be equipped with duplicate UV treatment units.
- 11) Chapter 12, Section 8(o) – The design report indicates that a sink will be provided inside the treatment building. Please comment on the source of the water as well as the disposal of the wastewater.
- 12) Chapter 12, Section 10(i) – Please comment on the source of backwash water.

- 13) Chapter 12, Section 10(u) – The backwash system appears to discharge into a lined pond. Disposal of any waste sludge or liquid is required to meet all requirements of Chapter 11 of the WWQRR. Please address.
- 14) Chapter 12, Section 12(a) – Please provide the total dynamic head rating of the distribution pumping unit to be installed and provide the associated calculations. Also, please provide the expected suction pressure.
- 15) Chapter 12, Section 13(a) – Please comment on if the vent for the finished water storage tank will be screen.
- 16) Chapter 12, Section 13(a) – The plan set indicates the drain/overflow is to daylight and discharge a minimum of 4 inches above the splash pad. WWQRR require overflows to discharge between 12 and 24 inches above the splash pad. Please address.
- 17) Chapter 12, Section 13(a) – Please provide calculations showing the overflow pipe is of sufficient diameter to permit wasting of water in excess of the filling rate.
- 18) Chapter 12, Section 13(a) – Sheet M-1 appears to indicate that the overflow/drain pipe is equipped with a valve which is normally closed. Please explain how the tank will drain in the event the tank water level reaches the overflow pipe.
- 19) Chapter 12, Section 13(a) – Please comment on if the manway is fitted with a solid watertight cover which overlaps the framed opening and extends down around the frame at least 2 inches.
- 20) Chapter 12, Section 13(a) – Section 221217, page 3, of the specifications requires a minimum manway opening of 22 inches. WWQRR require a minimum opening of 24 inches. Please address.
- 21) The information provided on the UV MAX system indicates that the maximum acceptable hardness is 120 ppm and the maximum iron level is 0.3 ppm. The outlet sampling report notes a hardness of 177 mg/L and iron at 0.30 mg/L. Please address.
- 22) Sheet M-3 appears to show bypass piping for the UV system. Please comment on how the system will meet the required removal of cryptosporidium and giardia in the event the UV is bypassed.
- 23) The plan set indicates that the existing supply is to be disconnected from the existing pipeline, connected to the proposed line and valved off, and the existing supply will be allowed to discharge into the drainage ditch. Please verify with the WDEQ WYPDES permitting group that a discharge permit will not be required.
- 24) The temporary holding tank appears adequate to hold backwash water alone, for a total of 111 days based on the reported 54 gpd of backwash water and 6,000 gallon holding tank. However, the design report indicates that it is to hold water for 165 days (November through Mid-April). Please comment on the ability to, or any associated issues with, discharging backwash water during winter months.
- 25) The design report indicates that the total wastewater flow from the new facility would be less than 2,000 gpd. However, the maximum daily demand for the treated water system is 8,640 gpd. Please explain the discrepancy in the flows considering the new system will not supply irrigation demands.

- 26) The pre-filter as well as the ultrafiltration units do not appear to have pressure gauges both prior to and after the filter. In addition, the design report indicates that the EPA is moving towards requiring daily pressure drops across the filtration unit. Please justify the filtration units without pressures gauges and comment on the operational process to determine backwash cycles and replacement of the pre-filtration unit.
- 27) Please comment on the ability to bypass any portions of the treatment process.
- 28) The label at the building location on Sheet C-4 for the fire system line appears to indicate that the line is a 4 inch but the Alignment G label indicates 6 inch. Please address.
- 29) Please provide three full size copies of either Sheet M-1 or a larger view of Detail 2 on sheet M-1.



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Matthew H. Mead, Governor

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

Todd Parfitt, Director

March 10, 2014

Dan Allen, P.E.
Vista West Engineering
1470 Sugarland Drive, Suite 3
Sheridan, WY 82801

RECEIVED
MAR 13 2014
WATER QUALITY DIVISION
WYOMING

RE: Brinton Museum Water System
Location: NW ¼, Section 20, Township 54N, Range 84W
WDEQ Application #13-527

Dear Mr. Allen:

We have completed our review of the permit application submitted on February 24, 2013. Attached you will find a summary of the review comments. Please provide the information requested as soon as possible. Please feel free to contact me at (307) 473-3469 should you have any questions related to these comments or the application and review process.

Sincerely,

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

Attachments: WDEQ Comments

cc: IPS
WDEQ File



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

PROJECT: Brinton Museum Water System

LOCATION: Big Horn, Wyoming

ENGINEER: Vista West Engineering

APPLICANT: The Brinton Museum

WATER QUALITY DIVISION APPLICATION NUMBER: 13-527

DATE ON PROPOSAL/PLANS/REPORT: February 21, 2014

DATE RECEIVED BY DEQ: February 24, 2014

DATE OF THIS REVIEW: March 10, 2014

WDEQ REVIEWER: Jason Vreeland, P.E.

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

WDEQ COMMENTS

- 1) Chapter 12, Section 5(a) – The data provided to demonstrate the effectiveness of the system based on a comparable system does not appear to provide raw water turbidity and bacteria levels, with the exception of Exxon Mobile site, which reports one measurement of 2.1 NTUs for turbidity. Please provide raw water quality data to include bacteriological and turbidity testing.

- 2) Due to the size of the tap and because the water will not be used for domestic use, the fire line will not be reviewed by WDEQ and we do not need the requested information on the proposed fire system. However, the response to comments noted that you find no requirement in WWQRR for providing information on the internal sprinkler system or booster pump. For future reference, WDEQ does periodically review applicable portions of sprinkler designs and fire pump designs to confirm the appropriate backflow prevention device is installed and to verify that the proposed fire system will not create low pressures in the distribution system. If you would like to discuss this further please let me know.
- 3) Chapter 12, Section 10(i)(iv) – The response to comments notes that the treatment unit is designed to use treated water from downstream of the ultra-filtration unit for backwash. Please comment on if the water used for backwash is taken before or after disinfection.
- 4) Chapter 12, Section 13(a) – Keyed Note 3 on sheet M-1 of the revised plans indicates the drain/overflow is to daylight and discharge a minimum of 4 inches above grade. Please address.
- 5) The response to comments indicated that the wastewater flow generated from the “new” facilities can be roughly estimated as the average daily water demand or 1,664 gallons per day. Chapter 16, Section 10(j)(iii) of the WWQRR require systems with a maximum daily peak flow of 2,000 gallons per day or greater to be permitted as an UIC. Please provide the designed maximum daily peak flow for the wastewater system. Also, please include the existing flows in this calculation if the existing system and “new” system encompass the same 5 acres of land.



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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 16, 2014

Town of Elk Mountain
Attn: Morgan Irene, Mayor
P.O. Box 17
Elk Mountain, WY 82324

RE: Town of Elk Mountain 2013 Water Systems Improvements,
Application No. 13-528, Carbon County

Dear Mayor Irene:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems** consisting of installing approximately 1,675 LF of 8" PVC Transmision Main, 250 LF 10" HDPE river crossing, and 6" PVC distribution main, in addition to water meter replacements and sample tap for chlorination control at treatment plant located in the **South 1/2, Section 20, and the North 1/2 Section 29 T20N, R80W, 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, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. The requested variance for flow-fill encasement of sanitary sewer pipelines at crossing locations with less than 18-inches vertical separation is granted and shall conform to the requirements of DEQ Policies 13.9.11 and 14.14.14.
2. The requested variance to eliminate the manhole for the "upstream" valve at the river crossing, as required by DEQ Rules and Regulations Chapter 12, Section 14.h.i.B is granted with the proviso that the proposed fire hydrant shall be located between the crossing's two isolation valves as shown on the Plans.
3. Section 2665 E.6 – Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by January 16, 2019.

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

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

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ADMIN/OUTREACH (307) 777-7158 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7156 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7152 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-528 in any future correspondence.

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

Sincerely,

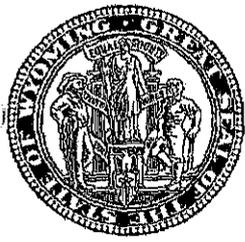


Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division

TDH/rm/14-0047

Enclosures: Certificate of Completion form

cc: IPS
Dan Ferrin, PMPC, P.O. box 370, Saratoga WY 82331



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Matthew H. Mead, Governor

Todd Parfitt, Director

NOTIFICATION OF COVERAGE

January 7, 2014

Jayhawk Holdings, LLC
Attn: Stephen Marshall, Operating Manager
2435 Knadler
Laramie, WY 82070

RE: Adventure Dodge, Jeep, Ram, Chrysler
Application No. 13-529, Albany County

Dear Mr. Marshall:

The above application for coverage under **General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution and Sewage Collection Systems consisting of installing approximately 790 LF 12" water main, 2 Fire Hydrant Assemblies, 2" water service and approximately 460 LF 4" sanitary sewer service with cleanouts** located in the **Northeast 1/4 of the Southeast 1/4, Section 30, T16N, R73W, Albany County**, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with **Chapter 12, Section 14 and Chapter 11, Section 9** of the Water Quality Division Rules and Regulations, in accordance with the general permit, the conditions listed below, and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in **Part V, Section O** of the general permit. Additionally, the following project specific conditions also apply:

1. Section 2665 E.6 -- Water tight plugs shall be maintained in all pipe openings in a trench any time pipe laying is not in progress or the trench is unattended.
2. The requested variance to Chapter 11, Part B, Section 9.c.iii (2% minimum service line slope) is granted under the provision that the service cleanouts do not exceed 100-ft minimum spacing.

All construction, installation, or modification allowed by this Notification of Coverage shall be completed by January 7, 2019.

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

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

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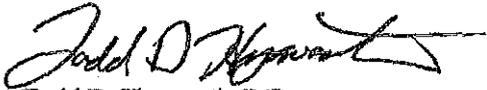
ADMIN/OUTREACH (307) 777-7758 FAX 777-7682	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-5973	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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Please reference Application No. 13-529 in any future correspondence.

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

Sincerely,



Todd D. Hepworth, P.E.
Assistant Southeast District Engineer
Water Quality Division

TDH/rm/14-0020

Enclosures: Certificate of Completion form

cc: IPS
Cal Van Zee, City of Laramie, P.O. Box C, Laramie, Wyoming 82073
Lynn Hill, DOWL HKM, 1575 N. 4th Street, Suite 105, Laramie WY 82072

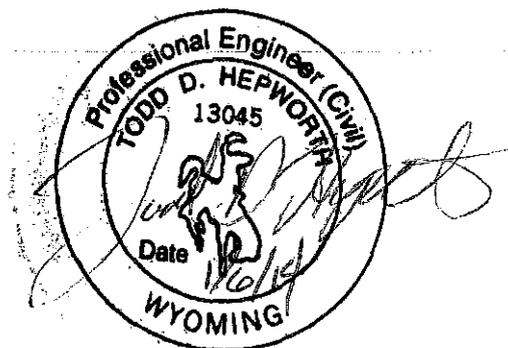
REVIEW OF PLANS AND SPECIFICATIONS

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

PROJECT: Banner Street Sanitary Sewer Outfall

ENGINEER: Michelle Sell
Trihydro Corporation
1252 Commerce Drive
Laramie, WY 82070

APPLICANT: Cal Van Zee
City of Laramie
PO BOX C
Laramie, WY 82073



WATER QUALITY DIVISION REFERENCE NUMBER: 13-530

REVIEWING ENGINEER: Todd D. Hepworth

DATE OF REVIEW: January 6, 2014

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

COMMENTS, INADEQUACIES, AND QUESTIONS

Project Plans:

1. Sheet S5:

- a. The General Notes "Easements" indicates that the City does not have sufficient easements in place for authorization to construct. A DEQ/WQD permit can only be issued to the property owner or a party with an easement authorizing construction.
 - i. Please submit documentation that the City can proceed with project construction such that a permit may be completed.
 - ii. Add linework to **all** affected plan sheets indicating the permanent and/or construction easements associated with the proposed work.
- b. General Notes for Construction item "i" directs the contractor to contact DEQ for a stormwater permit. It appears that a dewatering discharge permit may also be required and a notation regarding this requirement could be added to this note or as note "j". (It is noted that this requirement is mentioned in the Specifications on page SRF-5).

2. Sheet 5: ~Sta 7+97 indicates installation of a Fire Hydrant Assembly over the sanitary sewer pipeline. The minimum requirement under WyDEQ Rules & Regulations Chapter 12, Section 14.g.i requires that joints in sewers at crossings shall be located at least 10 feet from water mains. At a minimum, add a note to this location (and all other occurrences where a hydrant will be located within 10 feet of the sewer main) that the

PROJECT: Banner Road Sanitary Sewer Outfall
DATE OF REVIEW: January 6, 2014

contractor shall "install a full stick of pipe centered at the proposed hydrant location." However, it would be a preferred alternative solution to relocate the hydrant(s) to the opposite side of the road.

3. Sheets 5 & 6: For Manholes 4, 6 & 7 – there is an apparent inconsistency in the treatment of drop manholes. Profile line-work and invert call-outs for Manholes 6 & 7 appear to indicate the primary and drop pipe inverts, but not on Manhole 4. Also, the lower pipe inlets do not match the provided detail (matching pipe inverts). I suggest installing the lower pipe invert at no lower than 0.8 of the transmission main diameter and a notation to the Standard Detail on Sheet 21 indicating this revision/exception.
4. Sheet 12: Would it be more economical to lower the sewer line to provide the requisite 18" minimum clearance and avoid providing the requisite encasement? Also, if MH#63 has less than 24" fall from inlet to discharge, the external drop shown would not be required. If the proposed plan is used for the proposed crossing of the sanitary sewer service and existing 10" water main, DEQ/WQD policies 13.9.7 and 13.9.11 require the following amendments:
 - a. No joints in the sewer pipe within 9 feet of the crossing and the flow-fill should extend to 9' on both sides of the water main.
 - b. The flow-fill must extend to 2" above the top of the 10" water line.
5. Sheet 14: Note 4 is confusing – should the intended reference be made to "Sheet 13" versus "Sheet 12?"
6. Sheet 23 (And affected Plan & Profile Sheets): Please note that it is not a requirement from DEQ to entirely fill abandoned facilities with fly ash. We would be satisfied with sand-bagging & a 2-ft water-tight plug at the end of each pipe segment. However, if this is a requirement from the City of Laramie, no objection is made to the proposed detail.

Project Manual:

1. Sheets 2 & 3 of the Project Plans have notes stating "Wetlands Delineation Area (See Hydro Logic, LLC Report in Project Manual for Details)." However, this referenced document is not found within the submitted materials. Please submit.
2. Under Sections 01800 "Storm Water Permit and Erosion Control" and 02140 "Dewatering," it is suggested to direct the contractor that it is their responsibility to secure any necessary permits as referenced in the SRF Special Conditions on page SRF-5 of the Project Manual. Permitting is referenced in 02140, but not in 01800 and neither section enumerates this as a responsibility of the Contractor.

END OF REVIEW

TDH/rm/14-0011