



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 11, 2005

Mike DeWitt, Owner
P.O. Box 116
Branford, FL 32008

RE: Wind River View Campground - Sewer Mains and Small Waste Treatment Facilities -
Permit Number 05-057R, NE1/4 Section 8, T32N, R108W, Sublette County

Dear Mr. DeWitt:

The above application for coverage under General Permits to Construct two small wastewater treatment facilities and two sewage collection mains, to serve two 12 space RV parks, in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the facilities in accordance with the general permits and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits.

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

Sincerely,

Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems,
General Permit for a Sewage Collection System

LAND APPLICATION PERMIT

PERMIT NO. 05-058

REFERENCE PERMIT NO. (90-150)

SALT CREEK WATER DISTRICT SEWER TREATMENT FACILITY

This permit hereby authorizes the applicant:

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

to land apply treated wastewater from the Cell #3 lagoon after a minimum detention time of 180 days according to the procedures and conditions of the application number 05-058. The application site is located in Sections 27, 28, 33, 34, 35 in T45N and Sections 2. & 3 of T46N all in R61W in the county of Weston, in the State of Wyoming. This permit shall be effective until November 1, 2010.

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

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

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

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

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

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

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

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

- 1 of 6 The applicant will provide notification of the date that land application will begin (oral or written) to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213, or via email to Rick J. Estes, restes1@state.wy.us.
- 2 of 6 The applicant will provide immediate oral or written notice to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 3 of 6 Within sixty days of completion of final land application of each year, the applicant will submit to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213 a certification of completion signed by the Operator of Record. A form titled "Certificate of Completion" has been provided.
- 4 of 6 This land application is only authorized with land owner written authorization. A copy of this authorization must be submitted to the Sheridan Field Office of WDEQ prior to any application being made.
- 5 of 6 This land application is authorized for a period of 5-years beginning in 2005. A water quality analysis must be submitted one-month prior to each of the 5-year period of the lagoon Cell to be land applied during that period. The analysis shall be submitted to the Sheridan WDEQ Field Office for review and approval before the land application can begin during that year.
- 6 of 6 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/10/05
Date of Issuance

RJE/jd/5-0294

STATEMENT OF BASIS

1. General information.
 - A. Permit Number: 05-058
2. Application reviewed for compliance with the following applicable regulations :
Chapter 15 of the Wyoming Water Quality Rules and Regulations:
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was
Not Required
5. Documentation of Statement of Basis: The archives file for this permit include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Rick J. Estes, PE, restes1@state.wy.us, Northeast District Senior Environmental Analyst, and completed on March 8, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

February 17, 2005

Gary Gerhard, Facility Planner
City of Torrington
P.O. Box 250
Torrington, WY 82240

RE: Torrington Baler Water Supply Line, Application No.05-059, Goshen County

Dear Mr. Gerhard:

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 described as 600 feet of 6" diameter water line, NE 1/4 Section 15 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 12, Section 14 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. The connection to the dog pound will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. The frost free hydrant must either be modified to provide a check valve on the stop and waste vent or the service line to the frost free hydrant provided with backflow prevention. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2009.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 05-059 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

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

cc: IPS, Cheyenne

Brian Sweeney, Sweeney and Associates
90340 Dakota Road
Scottsbluff, NE 69361

LBH/jd/5-0250

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

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

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

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

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

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

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





The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

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

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

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

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

NOTIFICATION OF COVERAGE

February 18, 2005

Gregory J. Petruska, P.E.
Fidelity Exploration & Production Company
1700 Lincoln St., Suite 4600
Denver, CO 80203

RE: Mischke 24 Pump Station CBM Water Treatment Pilot Project II, Permit # 05-060

Dear Mr. Petruska:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. At a minimum a monthly report on the pilot plants operation including analytical data on the quality of the untreated and treated CBM water needs to be submitted to WDEQ/WQD.

A follow up report must be submitted WQD upon completion of the Pilot Project.

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

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD



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Department of Environmental Quality

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3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



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

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

NOTIFICATION OF COVERAGE

February 18, 2005

Terry Miller
4705 Antelope Drive
Gillette, WY

RE: 4705 Antelope Drive Small Wastewater 05-061

Dear Mr. Miller:

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

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

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne



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3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

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(307) 473-3465
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ABANDONED MINES
(307) 473-3460
Fax: (307) 473-3458

NOTIFICATION OF COVERAGE

February 18, 2005

Terry Miller
4749 Antelope Drive
Gillette, WY

RE: 4749 Antelope Drive Small Wastewater 05-062

Dear Mr. Miller:

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

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

Sincerely,

Dennis Lamb
NE District Supervisor
DEQ/WQD

cc: IPS, Cheyenne



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(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 2, 2005

Sonny Shearer, Mayor
City of Worland
P.O. Box 226
Worland, Wyoming 82401

RE: City of Worland - Sewer Main Canal Crossing Replacement north of Coburn Ave. & 14 th Street - Permit Number 05-064, SE1/4NE1/4 Section 25 OGS, T47N, R93W, Washakie County

Dear Mayor Shearer:

The above application for coverage under General Permit to Construct a sewer main replacement consisting of 256 linear feet of 8 - inch PVC sewer main, 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.

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

Sincerely,

Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne

encl: General Permit for a sewage collection system



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 2, 2005

Sonny Shearer, Mayor
City of Worland
P.O. Box 226
Worland, Wyoming 82401

RE: City of Worland - Sewer Main Canal Crossing Replacement south of Coburn Ave. & 14 th Street - Permit Number 05-065, SE1/4NE1/4 Section 25 OGS, T47N, R93W, Washakie County

Dear Mayor Shearer:

The above application for coverage under General Permit to Construct a sewer main replacement consisting of 63 linear feet of 8 - inch PVC sewer main, in accordance with Chapter 3, Section 7, and Chapter 11, Sections 5 and 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.

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

Sincerely,

Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne

encl: General Permit for a sewage collection system

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

PERMIT NO. 05-066

West Antelope Plan of Development (POD)

This permit hereby authorizes the applicant:

Nance Petroleum Corporation
550 N. 31st Street, Suite 500
P.O Box 7168
Billings, Montana 59103-7168

to have installed compliance monitoring wells according to the procedures and conditions of the application number 05-066. The facilities are proximal to the off channel coalbed methane produced water impoundments located in Township 58N, Range 80W, Sections 27 and 36, in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit has been completed.

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

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

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

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

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

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

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

1 of 2: The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality/Water Quality Division, Groundwater Program, 1866 South Sheridan Avenue, Sheridan, WY 82801, 307-673-9337, fax 307-672-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

2 of 2: Monitoring Requirements:

Groundwater monitoring at the impoundment shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells MW58-80-3609 and MW58-80-2705 (see constituents listed below);
- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15, 2005.

The parameters listed in the table below are required for groundwater compliance monitoring at Impoundment P58-80-3609 and P58-80-2705:

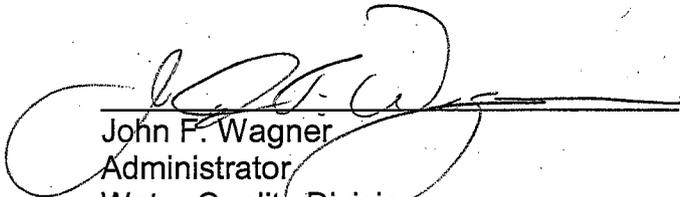
Parameter	Trigger Value (mg/L)	Trigger Value (mg/L)	Class III Underground Water Quality Standards (mg/L)
	MW58-80-3609	MW58-80-2705	
Arsenic	≥ 0.16	≥ 0.16	0.2
Selenium	≥ 0.04	≥ 0.04	0.05
Sulfate	≥ 2700	≥ 2400	3000
Total Dissolved Solids (TDS)	≥ 4600	≥ 4000	5000
pH	≤ 6.5	≤ 6.5	6.5 – 8.5 (s.u)

Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed in the table. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month.

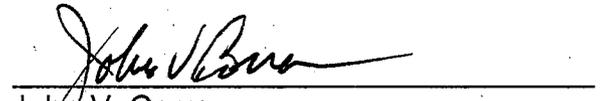
In order to address the potential mobilization of metals in the subsurface, when groundwater monitoring reveals a pH measurement of 6.5 s.u. or less, the WDEQ may require monthly sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead, and zinc.

The analytical results from each sampling event, along with impoundment and monitor well location information must be included in an Excel spread sheet formatted to match the attached template (Attachment 1). These data shall be submitted electronically by the due dates established above to the following department address: cbmgroundwater@state.wy.us. An electronic copy of the spreadsheet is available by contacting the Groundwater Program in the Sheridan DEQ office at 307-673-9337. The analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail.

AUTHORIZED BY:



John F. Wagner
Administrator
Water Quality Division

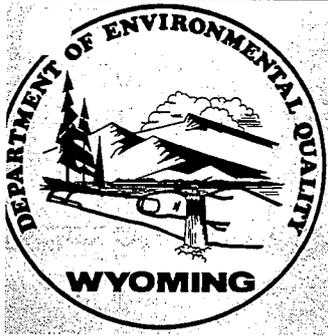


John V. Corra
Director
Department of Environmental Quality

3/23/05

Date of Issuance

Df/hjk
bb/5-0348



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

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

PERMIT TYPE: CBM: Groundwater Compliance Monitoring Program

WATER QUALITY DIVISION REFERENCE (PERMIT) NUMBER: 05-066

SITE (POD) NAME: West Antelope POD

APPLICANT: Nance Petroleum Corporation
Attn: Duane Zimmerman
550 N. 31st Street, Ste. 500
P.O. Box 7168
Billings, Montana 59103-7168

CONSULTANT: HydroSolutions Inc.
Attn: Monte Smith
P.O. Box 80866
Billings, Montana 59108-0866

LOCATION: Drainage: Waddle Creek and Hanging Woman Creek
County : Sheridan
Township 58 North; Range 80 West

DATE ON REPORT: February 10, 2005

REVIEWING OFFICIAL: Heidi Kaiser, North District Groundwater Sr. Analyst

DATE OF THIS REVIEW: March 9, 2005

ACTION: Compliance Monitoring Plan authorized for West Antelope POD pursuant to conditions on permit # 05-066

COMMENTS: GROUNDWATER SECTION

1.0 SITE SUMMARY:

1.1 Site Description.

Watershed Name: Waddle Creek and Hanging Woman Creek

Type of Impoundment(s)

 X "Off channel "
 "On channel"

Groundwater Classification:

Class 1 (domestic)
Class 2 (irrigation)
Class 3 (agricultural) X

Basis for Classification: Laboratory analysis of groundwater indicates ambient water quality meets Water Quality Rules and Regulations Chapter 8 Class III standards (Table 1- Chapter 8).

Hydrogeology Description: Based on geologist's logs, groundwater occurs in coal and sand stringers approximately 60 to 130 feet below ground surface. The groundwater gradient is to the northeast at the P58-80-3609 pit and to the southwest at the P58-80-2705 pit.

Names of Impoundments covered under Permit 05-066:

Pit Name	Qtr Qtr	Section	Township	Range
P58-80-3609	SENE	36	58 N	80 W
P58-80-2705	SWNW	27	58 N	80 W

2.0 MONITORING AND REPORTING REQUIREMENTS

Groundwater monitoring at the impoundments shall be performed on a quarterly basis until further notice and shall include the following information:

- Measurement of static water level and sampling and analysis of groundwater at downgradient wells MW58-80-3609 and MW58-80-2705 (see constituents listed below);

- Reporting results of quarterly monitoring and sampling to the department by January 15th, April 15th, July 15th, and October 15th of each year. The first set of data will be due by July 15, 2005.

The parameters listed in the table below are required for groundwater compliance monitoring at impoundments 58-80-3609 and 58-80-2705:

Parameter	Trigger Value (mg/L)	Trigger Value (mg/L)	Class III Underground Water Quality Standards (mg/L)
	MW58-80-3609	MW58-80-2705	
Arsenic	≥ 0.16	≥ 0.16	0.2
Selenium	≥ 0.04	≥ 0.04	0.05
Sulfate	≥ 2700	≥ 2400	3000
Total Dissolved Solids (TDS)	≥ 4600	≥ 4000	5000
pH	≤ 6.5	≤ 6.5	6.5 – 8.5 (s.u)

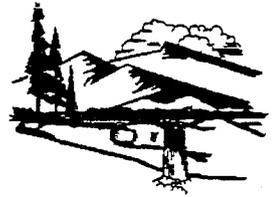
Trigger values, specific to the groundwater samples at each impoundment, have been assigned to each constituent and are also listed above. If one or more of these trigger values is exceeded during a quarterly sampling event, monthly sampling of the groundwater for all listed parameters is required, with the analytical results due by the 15th day of each month. If groundwater monitoring reveals a pH measurement of 6.5 or less, the WDEQ may require sampling and analysis of groundwater for the following additional parameters: aluminum, boron, cadmium, chromium, copper, lead and zinc.

The analytical results for each sampling event, along with impoundment and monitor well location information must be included in an Excel spread sheet formatted to match the attached template (Attachment 1). These data shall be submitted electronically on the due dates established above to the following department address: cbmgroundwater@state.wy.us. An electronic copy of the spreadsheet is available by contacting the Groundwater Program in the Sheridan DEQ office at 307-673-9337. The analytical laboratory reports must also be submitted either electronically (pdf format) or hard copy via mail.

END OF REVIEW



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

July 25, 2007

Steven P. Gerber, P.E.
HKM Engineering, Inc.
P.O. Box 1655
Lander, WY 82520

Dear Mr. Gerber:

Our Records indicate that a written review was done on the following project. A copy of this review was sent to you, requesting additional information. The requested, information, necessary to process this application has not yet been received by the Department of Environmental Quality. The specific information for your proposed project is as follows:

Facility Name: Mountain Village Park- Public Water System
DEQ/WQD Reference Number: #05-067R
DEQ/WQD Reviewing Engineer: Mark Baron
Date of DEQ/WQD Review: December 13, 2005

According to Chapter 3 of the Water Quality Rules and Regulations Section 7 (b) (2), "If an application is denied because of incompleteness necessitating a request for additional information, the applicant shall have a maximum of six months to comply with the request. If the applicant fails to provide the requested information within that period, the entire incomplete application shall be returned."

Please indicate below the status of your application and return this form to our office:

- The application will not be resubmitted as the proposed project has been cancelled.
- The application will be resubmitted within 30 days.
- The facility has been constructed or is under construction. As built construction plans and specifications will be submitted within 30 days.

You must still address the questions and comments in the December 13, 2005 review letter unless you have cancelled the project.



The construction, installation, or modification of any sewerage system, treatment works, disposal system, or other facility capable of causing or contributing to pollution, or public water supply system without a Permit to Construct is a violation of Wyoming State Statute 35-11-301.

If you have any questions regarding my review comments or this letter, please contact me at 307-335-6962.

Sincerely,

A handwritten signature in cursive script that reads "Mark Baron".

Mark Baron, P.E.
Southwest District Engineer

MDB/mdb

Enclosure: Review Letter

cc: IPS

file (3)



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 9, 2005

Mr. Gene Kilpatrick, Mr. Tom Barker, & Mr. Paul Del Rossi
237 N. Main Street
Sheridan, WY 82801

RE: Osprey Hill One Water & Sewer 05-068
PWS# 5600052

Dear Gene, Tom & Paul:

The above application for coverage under General Permit to Construct, Install, Modify or Operate an extension to the City of Sheridan Wastewater Collection and Water Distribution system in accordance with Chapter 3 and Chapters 11 and 12 of the WWQRR has been reviewed and is hereby approved. You are now authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this permit shall be completed by March 1, 2006.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Following completion of construction of this facility please return the attached WDEQ Certificate of Completion. In addition, a Transfer of Ownership must be completed and submitted with this office following successful installation and testing of the utilities.

This coverage is for water and sewer main and service to 34 residential lots in the Osprey Hill Phase One subdivision. If you have any questions please contact me at 1866 S. Sheridan Avenue, Sheridan, WY, 82801, (307) 673-9337.

Sincerely,

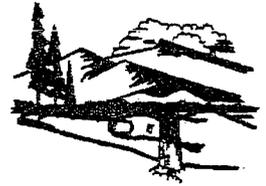
Rick J. Estes, P.E.
WDEQ/WQD NE District Senior Environmental Analyst

cc: ~~IPS, Cheyenne~~
Mike Cole, PE, Assistant Public Works Director-Utilities, City of Sheridan





Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 7, 2005

Melony Newlin
6 Brush Hollow Dr.
Hulett, WY 82720

RE: Newlin Septic System, Permit # 05-069
Reference Permit 98-225

Dear Melony:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of a small wastewater septic system in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. **You are required to submit a minimum of two (2) photos of the system installation and the Certificate of Completion to this office no later than 60 days following the installation.** All construction, installation, or modification allowed by this permit shall be completed by March 1, 2006.

On August 4, 2004, the Crook County Commissioners enacted Resolution NO. 9-2004. This resolution requires that ALL small wastewater treatment facilities permitted by the Wyoming Department of Environmental Quality (WDEQ) and installed in Crook County after September 1, 2004, MUST BE INSPECTED BY AN INSPECTOR DESIGNATED BY CROOK COUNTY.

Please contact the Crook County Clerks Office for requirements of this resolution.

If you have any questions please contact me at 1866 S. Sheridan Avenue 673-9337, 673-2213 (fax).

Thank you

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc:

~~IPS - Cheyenne~~

Crook County Clerk, P.O. Box 37, Sundance, WY 82729
Randy Gantz, Gantz Backhoe, Box 280, Hulett, WY 82720





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

John Corra, Director

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

June 6, 2008

Gary Horton
Stallion Oilfield Services
P.O. Box 1340
Riverton, WY 82501

RE: Review of Reporting Requirements, Stallion Mobile Septic Treatment Units
Permit No. 05-070 Renewal

Dear Mr. Horton:

The Wyoming Department of Environmental Quality (WDEQ) has conducted a review of the reporting requirements associated with the above referenced permit. Condition 7 of the permit states:

Prior to start-up of any new unit, WDEQ must be notified of the new location, landowner, and disposal method of treated water. This notification, which can be submitted via email or phone, must be received by WDEQ within 5 days after start-up of a unit following a change in location. This notification may be submitted via email or phone. Failure to notify the WDEQ will be considered a violation.

In the quarterly report, Stallion provided WDEQ with two reports: *Field Sewer Unit Location* and *Field Sewer Unit Discharge Type*. These two reports provide the information required under permit condition 7. Based on our review of the data and discussions with Stallion, WDEQ hereby modifies Conditions 7 and 8 of the permit as follows:

7 of 14 No longer required.

8 of 14 Monthly monitoring reports will be submitted to WDEQ CBM/Oil and Gas Program. These reports will include the following information:

- a. Unique treatment unit identification number
- b. Landowner name and approval. If the unit is to be used on lands administered by the Bureau of Land Management, approval to the operator as described in the APD authorizing discharge of treated waste

Page 1 of 2

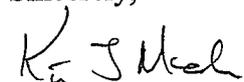


water will suffice as land owner consent. If the unit is to be used on privately owned lands, approval will consist of a surface use agreement, written APD, or written authorization from the landowner.

- c. Legal location (GPS or ¼ ¼ section shown on a topographic map)
- d. Rig company and number
- e. Operator and well name
- f. Start up date at that location
- g. Shut down date at that location
- h. Sample results
- i. Disposal method (land apply or haul off-site) and location
- j. If hauled off-site, identify disposal facility

If you have any questions please contact me at kmedin@state.wy.us, or at (307)-473-3465.

Sincerely,



Kim J. Medina

WDEQ/WQD Senior Environmental Analyst

cc: ~~IPS Cheyenne~~

WDEQ File

Merry Gamper, BLM, Pinedale, WY

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-070

Special Conditions

REF/PERMIT #96-153, #97-033, #98-308, 03-336

Hydro-Action Portable Sewage Treatment Facility
Transfer of Ownership

This permit hereby authorizes the applicant:

Hill M. Dishman, COO
Stallion Rockies, LTD
P.O. Box 1340
Riverton, WY 82501

to install and operate portable sewage treatment facilities with land application of the treated effluent according to the procedures and conditions of the application number 05-070. The facilities may be located in all counties in the State of Wyoming. All installations and land applications allowed by this permit shall be effective for a period of five years from the date of issuance of this permit.

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

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

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

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

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

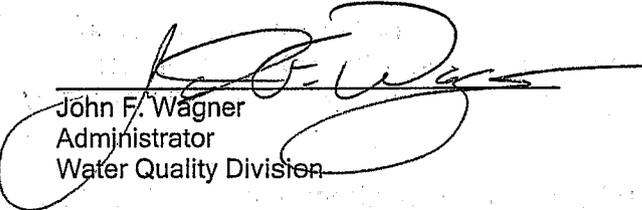
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

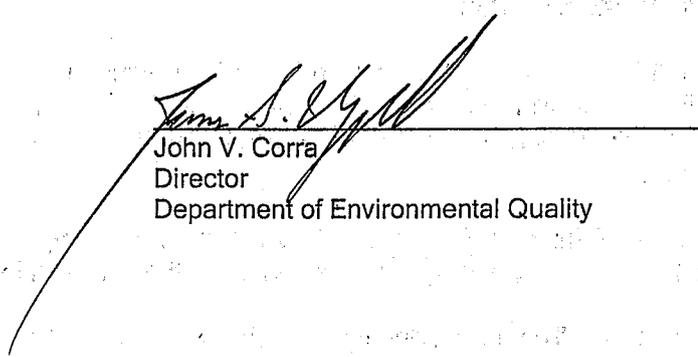
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 11 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 11 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis."
- 3 of 11 The land application of the effluent must be approved in writing by the landowner. These written records must be kept on file at Stallion Rockies office and be available for review by the DEQ upon request.
- 4 of 11 The application rate of the treated effluent must be less than four inches per week.
- 5 of 11 The application site must meet the siting requirements listed in Attachment 1.
- 6 of 11 There can be no runoff of effluent from the application site or aerosol drift reaching any living or work areas. Effluent may not enter or threaten surface water. The irrigation site must be at least three hundred feet from any surface water and one-hundred and fifty feet from the drill pad, project activity area, housing units, or office trailers.
- 7 of 11 The treated effluent from each treatment unit must be sampled two to seven days after start-up and at least once at each location and then every three months for the longer term setup. The effluent must be analyzed for BOD, TSS, fecal coliform, and pH. The results must be recorded on the Stallion Rockies' "Discharge Report Summary" sheet and include the following fields, well location, unit#, start-up date, sample date, BOD, TSS, fecal coliform, and pH. The Discharge Report Summary sheet must be submitted quarterly to the DEQ, Lander office.
- 8 of 11 The effluent fecal coliform bacteria must be reduced by positive disinfection to 200 colonies/100 ml or less, the BOD TSS must be 30 mg/L or less, and the pH must be between 4.5 and 9.0.
- 9 of 11 This permit is valid for temporary wastewater facilities only, temporary being defined as one year or less. In addition, no irrigation site can be utilized for more than ninety days unless documentation is provided which indicates no adverse impact on the application site.
- 10 of 11 All operators must be properly trained in the operation of aerobic wastewater treatment systems. An operation and maintenance manual must be available in each unit. This document should outline routine maintenance, chlorination and UV disinfection procedures, effluent dispersal, and operational test necessary to control the treatment process. In addition, a job log should be kept which will detail the time and date of the operator's checks of the facility, sludge disposal, chemical additions, and the unit's operational location.
- 11 of 11 Prior to moving the treatment unit to a new site, a notification letter must be submitted to the Department of Environmental Quality/Water Quality Division (DEQ/WQD) office which has authority in the county where the unit will be located. These offices are listed in Attachment 2.

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/30/05
Date of Issuance
JSB/jsb/jd/3/0380

STATEMENT OF BASIS

1. Permit Number: 05-070
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 11, of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
NA
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Yes.
6. If Section 17 of Chapter 3 is applicable, indicate the basis of determining groundwater will be protected.
Facility will not allow a discharge to groundwater. The land application rate is restricted to 4 inches or less per week to prevent treated effluent from reaching groundwater.
7. Documentation of Statement of Basis.
The archive's file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbrough@state.wy.us, Environmental Engineer and completed on March 25, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-071

Skyline Ranch Improvement and Service District
PWS #5600217

This permit hereby authorizes the applicant:

Josh Thulin
Skyline Ranch Improvement and Service District
P.O. Box 3601
Jackson, WY 83001

to drill and equip Skyline Well #3 to produce 250 gpm with a back-up generator, install connecting water line, water meter vault, pressure reducing vault, gate valves and appurtenances; according to the procedures and conditions of the application number 05-071. The facility is located within Section 25, Township 52 North and Range 101 West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 17, 2010.

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

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

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

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

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

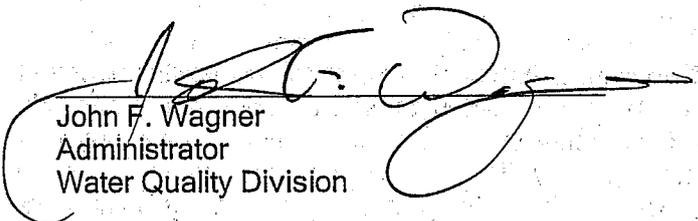
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

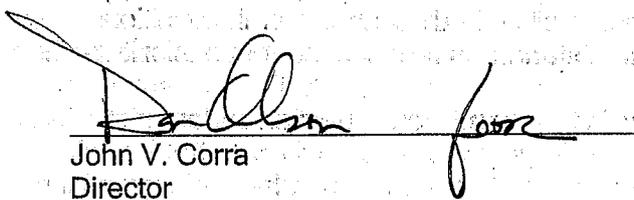
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/18/05
Date of Issuance

JSB/jsb/jd/5-0334

STATEMENT OF BASIS

1. Permit Number: 05-071
2. Application reviewed for compliance with the following regulations:
Chapters 3, 11, and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
NA
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Public water supplies are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on March 17, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis"



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

February 25, 2005

Charlotte Keyser
P.O. Box 36
Cora, WY 82925

RE: Charlotte Keyser - Small Enhanced Wastewater Treatment System- Permit Number 05-072, NE1/4 Section 27, T34N, R109W, Sublette County, Riverside Subdivision, Tract 12

Dear Ms. Keyser:

The above application for coverage under General Permit to Construct a small enhanced wastewater treatment facility, to serve a three-bedroom home with attached apartment, in accordance with Chapter 3, Section 7, Chapter 11, Part D and Section 5 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.

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

- 1 of 3 This permit is for an enhanced (pre-treatment tank, Hydro-Action aerobic treatment unit, pump tank and leach field) small wastewater treatment system. The permittee is required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements and recommendations and the permit conditions. Authority for this requirement is found in Sections 11 (a) and (c), Chapter 3 of the Wyoming Water Quality Rules and Regulations. Annual maintenance documentation must be submitted before December 31 of each year, starting December 31, 2006 to: Southwest District Engineer, Wyoming Department of Environmental Quality, 250 Lincoln Street, Lander, WY 82520. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statute 35-11-301.

- 2 of 3 The permittee shall ensure that the system is maintained and regularly serviced, as recommended by the manufacturer, for the life of the system. An inspection of the system, as recommended by the manufacturer in the owner's manual, shall be performed every six months by a qualified or certified individual to ensure the system is operating correctly, and to determine when maintenance is required.
- 3 of 3 In the event that authority for permitting enhanced small wastewater treatment systems is delegated to Sublette County by the Department of Environmental Quality, the permittee shall be subject to all county requirements and resolutions that may be in effect, or subsequently enacted, affecting the inspection, operation, maintenance, monitoring, or replacement of this system.

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

Sincerely,



Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-074

Grand Teton National Park (Colter Bay)

This permit hereby authorizes the applicant:

Thayne O'Brien
Grand Teton National Park
P.O. Box 170
Jackson, WY 83012

to slip-line approximately 1,500 of 6-inch and 8-inch sewer line with a folded PVC liner and replace all associated service lines within the Colter Bay housing area; according to the procedures and conditions of the application number 05-074. The facility is located within Section 35, Township 46 North and Range 115 West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 21, 2010.

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

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

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

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

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

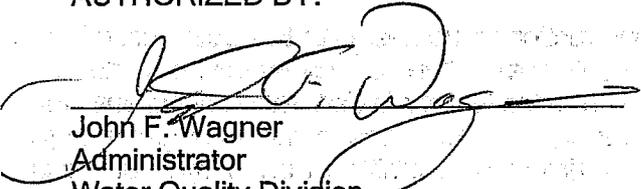
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, or any infringement of federal, state or local laws or regulations.

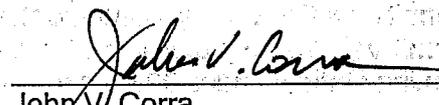
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and permit. This permit does not relieve the permittee from any duty to obtain any other permit or authorization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

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

- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
- a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/23/05
Date of Issuance

JSB/jsb/jd/5-0350

STATEMENT OF BASIS

1. Permit Number: 05-074
2. Application reviewed for compliance with the following regulations:
Chapters 3, and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
Yes, sewer relining is not directly covered by Water Quality's regulations
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on March 21, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-075

Grand Teton National Park (Moose)

This permit hereby authorizes the applicant:

Thayne O'Brien
Grand Teton National Park
P.O. Box 170
Jackson, WY 83012

to slip-line approximately 3,300 of 6-inch and 8-inch sewer line with a folded PVC liner and replace all associated service lines within the Moose area; according to the procedures and conditions of the application number 05-075. The facility is located within Section 25, Township 43 North and Range 116 West in the county of Teton, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by March 21, 2010.

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

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

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

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

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

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

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

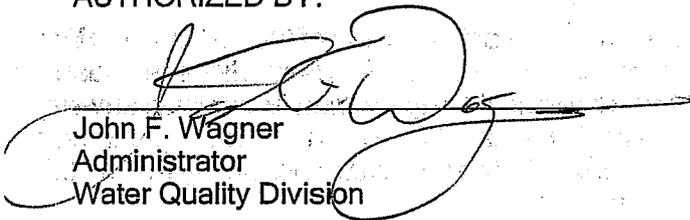
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

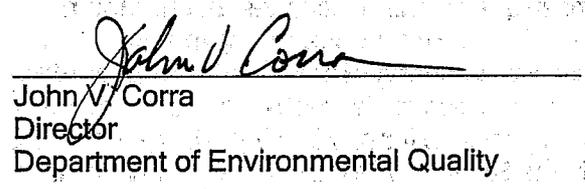
- 1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Northwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

3/23/05
Date of Issuance

JSB/jsb/jd/5-075

STATEMENT OF BASIS

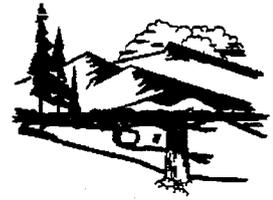
1. Permit Number: 05-075
2. Application reviewed for compliance with the following regulations:
Chapters 3, and 11 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes
4. Facilities include components not specifically covered by regulations and approval is based upon a deviation from applicable regulations in accordance with Section 5 of applicable regulations.
Yes, sewer relining is not directly covered by Water Quality's regulations
5. If Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Sewerage systems are exempted from review by Chapter 3, Section 17.
6. Documentation of Statement of Basis: The archives file for this permit includes adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by James S. Brough, jbroug@state.wy.us, Environmental Engineer and completed on March 21, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 9, 2005

Laramie County Community College
Attn. Tim Macnamera, Director of Physical Plant
1400 East College Drive
Cheyenne, Wyoming 82007

RE: Laramie County Community College – Sewer Extension Revision,
Application No. **05-076**, Reference Permit No. 04-413

Dear Mr. Macnamera:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, 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.

The approval granted under this Notification Of Coverage and the General Permit shall expire on September 27, 2006. Please reference Application Number **05-076** in any future correspondence.

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

Sincerely,

Ronald L. Ewald
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/jd/5-0302ltr.doc

Enclosures: GENERAL PERMIT - Extensions/Modifications of Existing Sewage
Collection Systems
Certificate of Completion Form

cc: IPS, Cheyenne
Brian D. Smith, J-U-B ENGINEERS, Inc., 3538 John F. Kennedy Parkway,
Suite #1, Fort Collins, Colorado 80525

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

ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

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

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

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

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

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

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





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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 14, 2005

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003-1469

RE: McIntyre Nursery Water and Sewer Extensions, Application No.05-077, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 12" water line extension with valves and fire hydrants and 15" diameter sewer line extension, NE 1/4 Section 26 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2007.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 05-077 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

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

cc: IPS, Cheyenne
Larry Gallagher, Summit Engineering, LLC
507 Townsend Place
Cheyenne, WY 82009

LBH/jd/5-0320





The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

February 28, 2005

Christopher Murray
Terasen Pipelines (USA), Inc.
800 Werner Court, Suite 352
Casper, WY 82601

RE: Banjo Flats Pump Station, Permit Number 05-078
Washakie County, SE 1/4 Sec. 10, T46N, R92W

Dear Mr. Murray:

The above application for coverage under General Permit to Construct or Install a sewage holding tank in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct or install 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.

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

Sincerely,

Jeff Hermansky
Northwest District Engineering Supervisor
Water Quality Division

xc: IPS, Cheyenne

Bruce Frederick, Washakie Co. Planner w/permit
encl: General Permit for Sewage Collection Systems



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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(307) 332-3047

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(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 2, 2005

Mark Ellis
11 Coyote Tr.
Pinedale, WY 82941

RE: Mark Ellis - Small Enhanced Wastewater Treatment System- Permit Number 05-079,
SE1/4 Section 10, T33N, R109W, Sublette County, Old Brazzill Ranch Subdivision,
Second Filing, Lot 13

Dear Mr. Ellis:

The above application for coverage under General Permit to Construct a small enhanced wastewater treatment facility, to serve a three bedroom home, in accordance with Chapter 3, Section 7, Chapter 11, Part D and Section 5, Chapter 23, Section 7(d)(viii) 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.

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

- 1 of 5 This permit is for an enhanced (extended aeration, activated sludge treatment system with and leach field) small wastewater treatment system. The permittee is required to obtain a maintenance contract and submit annual documentation that maintenance is being provided in accordance with the manufacturer requirements and recommendations and the permit conditions. Authority for this requirement is found in Sections 11 (a) and (c), Chapter 3 of the Wyoming Water Quality Rules and Regulations. Annual maintenance documentation must be submitted before December 31 of each year, starting December 31, 2006 to: Southwest District Engineer, Wyoming Department of Environmental Quality, 250 Lincoln Street, Lander, WY 82520. Failure to submit annual maintenance documentation is a violation of the compliance requirements for this permit issued under Wyoming Statue 35-11-301.

2 of 5 The permittee shall ensure that the system is maintained and regularly serviced, as recommended by the manufacturer, for the life of the system. An inspection of the system, as recommended by the manufacturer in the owner's manual, shall be performed every six months by a qualified or certified individual to ensure the system is operating correctly, and to determine when maintenance is required.

3 of 5 In the event that authority for permitting enhanced small wastewater treatment systems is delegated to Sublette County by the Department of Environmental Quality, the permittee shall be subject to all county requirements and resolutions that may be in effect, or subsequently enacted, affecting the inspection, operation, maintenance, monitoring, or replacement of this system.

4 of 5 This small enhanced wastewater treatment system must continually achieving the following minimum treatment standards as required by Chapter 23, Section 7(d)(viii)(C) of the Wyoming Water Quality Rules and Regulations at a depth of 2 feet below the bottom of the leach field trench:

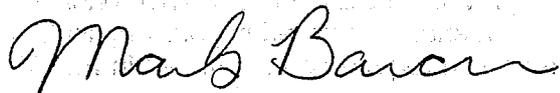
- Fecal Coliform: < 800 colonies/100mL (maximum 30 day geometric mean)

- Total Kjeldahl Nitrogen: < 25mg/L (maximum 30 day average)

5 of 5 The bottom of the leach field must be at least 6 feet above the seasonally high ground water.

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

Sincerely,



Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 3, 2005

Iris R. Bell, City Council President
City of Worland
P.O. Box 226
Worland, WY 82401

RE: **23rd Street and Morgan Avenue Sanitary Sewer Lines, Permit No. 05-080** ; SE1/4
NW1/4 & NE1/4 SW1/4 Section 30 O.G.S., T47N, R93W, Washakie County

Dear Ms. Bell:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to Existing Sewage Collection Systems in accordance with Chapter 3, Section 7, and Chapter 11 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved.

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

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

Sincerely,

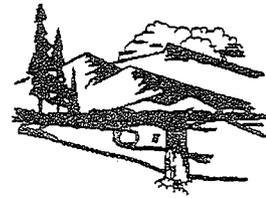
Doyle H. Conklin, P.E.
Engineering Supervisor
Water Quality Division

cc: ~~IPS, Cheyenne~~

encl: General Permit for Extensions to Existing Sewage Collection Systems



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

June 20, 2005

Old Baldy Corporation
c/o Old Baldy Club
Attn. Marshall H. Brereton, General Manager/COO
East Pic Pike Road
P.O. Box 825
Saratoga, Wyoming 82332

RE: Old Baldy Corporation, Dr. Lyons Development – Water & Sewer Utilities,
Application No. **05-081**

Dear Mr. Brereton:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and Existing Sewage Collection Systems in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permits, the condition listed below, and the materials submitted in your application package. All water service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Additionally, the following project specific condition also applies:

Fire Hydrant Installation Restrictions - As the engineering design report states, fire protection is not available for the residents of the Old Baldy Club at this time, and it is unknown **IF** or **WHEN** upgrades to the existing distribution system might be made to increase residual and working pressures in the system. Only after the completion of future water system upgrades, which are not planned at this time, would the water mains in the Dr. Lyons Development be able to possibly support full sized – full functioning fire hydrants. Therefore, **full sized – full functioning**

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ADMIN/OUTREACH
(307) 777-7758
FAX 777-3610

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

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

INDUSTRIAL SITING
(307) 777-7369
FAX 777-6937

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

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

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



fire hydrants SHALL NOT BE INSTALLED. However, the following may be installed instead:

Hydrants with up to two "Hose" (2.5 inch) nozzles on each hydrant barrel can be installed. No "Pumper" (4 or 4.5 inch) nozzles shall be allowed on any of the fire hydrants.

If the water system is ever upgraded, before the restricted hydrants can be replaced with full sized – full functioning hydrants, a modified "Permit to Construct" must be applied for to demonstrate that adequate flow and pressure is now available to meet minimum requirements.

The approval granted under this Notification Of Coverage and the General Permit shall expire on June 20, 2007. Please reference Application Number **05-081** in any future correspondence.

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

Sincerely,



Ronald L. Ewald, P.E.
Environmental Senior Analyst
Southeast District, Water Quality Division

RLE/jc/5/0697

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

cc: IPS, Cheyenne
Jim I. Cavalli, Aspen-Banner Engineering, 1575 North 4th St., Suite 105, Laramie,
Wyoming 82072
Town of Saratoga, Attn. Roger Manbeck, Water & Wastewater Supt., 201 S. River,
P.O. Box 486, Saratoga, Wyoming 82331

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-083

REFERENCE PERMIT NO. (03-088 & 03-120)

TOWN OF DAYTON PUMP STATION
PWS: 5600202

This permit hereby authorizes the applicant:

Town of Dayton
P.O. Box 100
Dayton, WY 82836

to install a new pumping station adjacent to the existing water treatment plant to serve the Town of Dayton system according to the procedures and conditions of the application number 05-083. The facility is located in the SW1/4 of Section 1 of Township 56 North, Range 87 West in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 1, 2006.

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

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

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

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

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

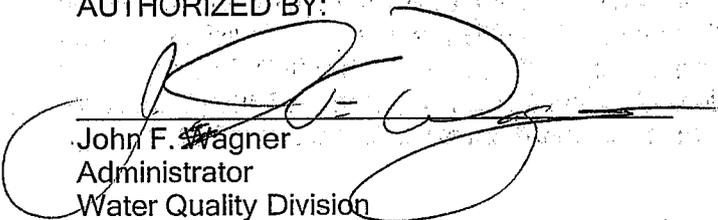
The issuance of this permit does not convey any property rights in either real or personal property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations.

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

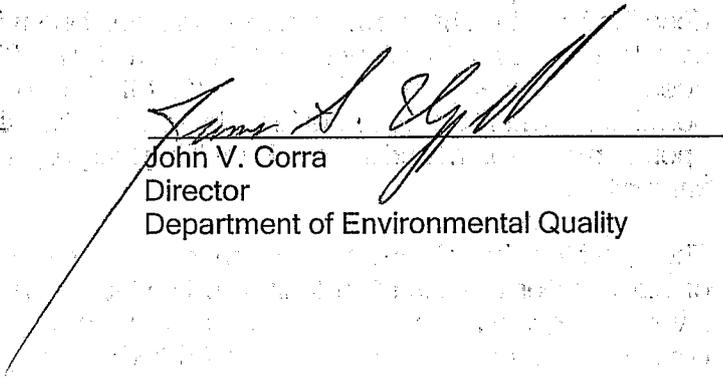
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate is required. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

3/11/05
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

RJE/jd/5-0310

cc: Dayton Alsaker, PE, HKM Engineering, P.O. Box 7010, Sheridan, WY 82801

STATEMENT OF BASIS

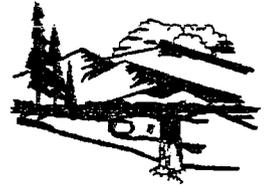
1. Permit Number: 05-083
2. Application reviewed for compliance with the following applicable regulations :
Chapter 12 of the Wyoming Water Quality Rules and Regulations:
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was
NOT REQUIRED
5. Documentation of Statement of Basis: The archives file for this permit include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Rick J. Estes, PE, restes1@wy.gov, Northeast District Senior Environmental Analyst, and completed on March 9, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 7, 2005

Rebecca Knight
P.O. Box 2021
Gillette, WY 82717

RE: Bud Knight Septic System, Permit # 05-084

Dear Bud:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of a small wastewater septic system in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. **You are required to submit a minimum of two (2) photos of the system installation and the Certificate of Completion to this office no later than 60 days following the installation.** All construction, installation, or modification allowed by this permit shall be completed by March 1, 2006.

On August 4, 2004, the Crook County Commissioners enacted Resolution NO. 9-2004. This resolution requires that ALL small wastewater treatment facilities permitted by the Wyoming Department of Environmental Quality (WDEQ) and installed in Crook County after September 1, 2004, MUST BE INSPECTED BY AN INSPECTOR DESIGNATED BY CROOK COUNTY.

Please contact the Crook County Clerks Office for requirements of this resolution.

If you have any questions please contact me at 1866 S. Sheridan Avenue 673-9337, 673-2213 (fax).

Thank you

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: ~~IRS, Cheyenne~~

Crook County Clerk, P.O. Box 37, Sundance, WY 82729
Marvin Frear, Frear Construction Inc., P.O. Box 1195, Gillette, WY 82717

Page 1 of 1





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 12, 2005

Daniel J. Trunk
Box 217
Sundance, WY 82729

RE: Trunk Septic, Permit # 05-085

Dear Daniel:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of a small wastewater septic system in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. **You are required to submit a minimum of two (2) photos of the system installation and the Certificate of Completion to this office no later than 60 days following the installation.** All construction, installation, or modification allowed by this permit shall be completed by April 1, 2006.

On August 4, 2004, the Crook County Commissioners enacted Resolution NO. 9-2004. This resolution requires that ALL small wastewater treatment facilities permitted by the Wyoming Department of Environmental Quality (WDEQ) and installed in Crook County after September 1, 2004, MUST BE INSPECTED BY AN INSPECTOR DESIGNATED BY CROOK COUNTY.

Please contact the Crook County Clerks Office for requirements of this resolution.

If you have any questions please contact me at 1866 S. Sheridan Avenue 673-9337, 673-2213 (fax).

Thank you

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

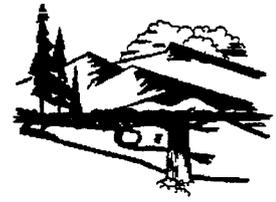
cc: IPS, Cheyenne
Crook County Clerk, P.O. Box 37, Sundance, WY 82729
Gerald McInerney, Sundance, WY 82729

Page 1 of 1





Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 10, 2005

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne, WY 82003-1469

RE: Cheyenne Pointe Subdivision, Phase II Lift Station, Application No.05-086, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Sewage Collection Systems described as lift station with 2 @ 250 gpm submersible pumps, 2120 ft of force main and 2052 feet of gravity sewer, N 1/2 Section 17 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, the general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this notification of coverage shall be completed by August 11, 2007.

Manhole steps must be installed in the force main clean out manholes.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 05-086 in any future correspondence

If you have any questions, please contact me at 307-777-7088.

Sincerely,

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

cc: IPS Cheyenne

Scott Larson, BenchMark Engineers P.C.
1920 Thomes Avenue, Suite 620
Cheyenne WY 82001

LBH/jd/5-0313

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 18, 2005

Dennis Donohue, Executive Director
Region V Board of Cooperative Education Services
P.O. Box 240
Wilson, WY 83001

RE: C-V Ranch Sanitary Sewer Collection System Project: 05-087, Section 12, T41N,
R117W, Teton County

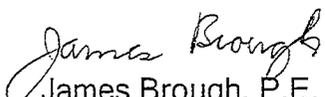
Dear Mr. Donohue:

The above application for coverage under General Permit to construct a sewer line extension to connect C Bar V school into Wilson Sewer District sewer system 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.

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

Sincerely,


James Brough, P.E.
Environmental Engineer
Water Quality Division

cc: IPS, Cheyenne
Robert Norton, Nelson Engineering, P.O. Box 1599, Jackson, WY 83001

encl: General Permit For a Sewage Collection System



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

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(307) 332-5085

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(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 9, 2005

Bubba Larsen
P.O. Box 63
Boulder, WY 82923

RE: New Fork Complex Subdivision, Apartment Complex - Lot #7- Small Waste Treatment Facility -Permit Number 05-088, NE1/4 Section 8, T32N, R108W, Sublette County,

Dear Mr. Larsen:

The above application for coverage under General Permit to Construct a small wastewater treatment facility, to serve an eight one bedroom apartments, in accordance with Chapter 3, Section 7 and Chapter 11, Part D of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the 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.

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

Sincerely,

Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne
Keith Raney, Environmental Health, Sublette County, P.O. Box 722, Pinedale, WY 82941

encl: General Permit for Small Wastewater Treatment Systems



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

250 Lincoln Street • Lander, Wyoming 82520 • Fax (307) 332-7726

ABANDONED MINES
(307) 332-5085

AIR QUALITY
(307) 332-6755

LAND QUALITY
(307) 332-3047

SOLID & HAZARDOUS WASTE
(307) 332-6924

WATER QUALITY
(307) 332-3144

NOTIFICATION OF COVERAGE

March 23, 2005

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

RE: City of Rock Springs Municipal Water System Extension - Foothill Blvd.-Permit Number
05-089, NW1/4 Section 27 & SW 1/4 Section 33, T19N, R105W, Sweetwater County,
PWS # WY5601182

Dear Mr. Kauchich:

The above application for coverage under General Permit to Construct a public water supply system extension consisting of 270 linear feet (LF) of 12-inch PVC, 495 LF of 12-inch PVC and 375 LF of 12-inch PVC in accordance with Chapter 3, Section 7 and Chapter 12, Section 14 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, the 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.

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

Sincerely,

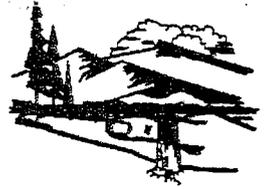
Mark Baron, P.E.
Environmental Senior Analyst
Water Quality Division

xc: IPS, Cheyenne

encl: General Permit for Public Water Supply Distribution System



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 8, 2005

Henry Redenbaugh
P.O. Box 457
Sundance, WY 82729

RE: Henry Redenbaugh Septic, Permit # 05-090

Dear Henry:

The above application for coverage under General Permit to Construct, Install, Modify or Operate extensions to or modifications of a small wastewater septic system in accordance with Chapter 3 and Chapter 11, Part B, of the Wyoming Water Quality Rules and Regulations (WWQRR) has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. **You are required to submit a minimum of two (2) photos of the system installation and the Certificate of Completion to this office no later than 60 days following the installation.** All construction, installation, or modification allowed by this permit shall be completed by March 1, 2006.

On August 4, 2004, the Crook County Commissioners enacted Resolution NO. 9-2004. This resolution requires that ALL small wastewater treatment facilities permitted by the Wyoming Department of Environmental Quality (WDEQ) and installed in Crook County after September 1, 2004, MUST BE INSPECTED BY AN INSPECTOR DESIGNATED BY CROOK COUNTY.

Please contact the Crook County Clerks Office for requirements of this resolution.

If you have any questions please contact me at 1866 S. Sheridan Avenue 673-9337, 673-2213 (fax).

Thank you

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQ NE District Senior Environmental Analyst

cc: ~~PS, Cheyenne~~

Crook County Clerk, P.O. Box 37, Sundance, WY 82729
Gerald McInerney, Macs Const., Box 124, Sundance, WY 82729

Page 1 of 1



WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-091

SHERIDAN COUNTY AIRPORT BUSINESS PARK WATER & SEWER
PWS: 5600052

This permit hereby authorizes the applicant:

Sheridan County Airport
908 W. Brundage Lane
Sheridan, WY, 82801

to construct, install or modify a new 12" waterline and 8" sewerline and pumping station with 4" forcemain to serve the business park according to the procedures and conditions of the application number 05-091. The facility is located in the SW1/4 of Section 3 of Township 55 North, Range 84 West in the county of Sheridan, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by June 1, 2006.

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

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

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

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

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

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

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

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

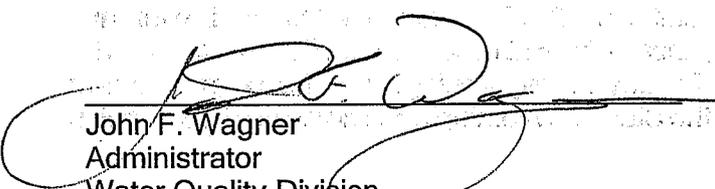
1 of 3 The applicant will provide immediate oral or written notice to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

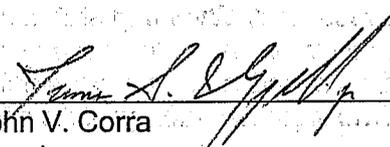
2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the WDEQ located at 1866 S. Sheridan Avenue, Sheridan, Wyoming 82801; telephone (307) 673-9337; FAX (307) 673-2213 a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

4/6/05
Date of Issuance

RJE/bb/5-0428.ltr

cc: Dan J. Allen, PE, TSP Two, Inc.
Mike Cole, City of Sheridan Asst. Public Works Director

STATEMENT OF BASIS

1. Permit Number: 05-091
2. Application reviewed for compliance with the following applicable regulations :
Chapter(s) 11 & 12 of the Wyoming Water Quality Rules and Regulations:
3. Does the permit comply with all applicable regulations identified above?
YES
4. A review to determine groundwater impacts in accordance with Section 17, Chapter 3 was
NOT REQUIRED
5. Documentation of Statement of Basis: The archives file for this permit include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Rick J. Estes, PE, restes1@wy.gov, Northeast District Senior Environmental Analyst, and completed on April 4, 2005. 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."

RJE/bb/5-0428.ltr



The State
of Wyoming



Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

SOLID & HAZARDOUS WASTE DIVISION

(307) 473-3450
Fax: (307) 473-3458

AIR QUALITY DIVISION

(307) 473-3455
Fax: (307) 473-3458

WATER QUALITY DIVISION

(307) 473-3465
Fax: (307) 473-3458

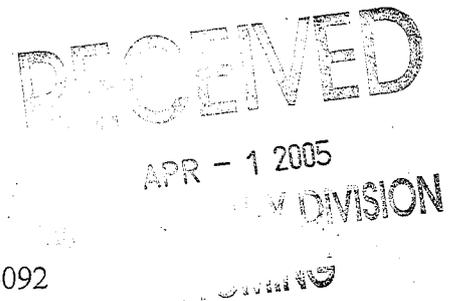
ABANDONED MINES

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

NOTIFICATION OF COVERAGE

March 31, 2005

Susan Juschka, Mayor
Town of Glendo
Box 396
Glendo, WY 82213



RE: 2004 Water System Improvements Project, Application No. 05-092

Dear Ms. Juschka:

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

If you have any questions, please contact me at 307-473-3471.

Sincerely,

Kevin J. Frank, PE
Senior Analyst
Water Quality Division

cc: IPS, Cheyenne
John Hibsman
Lou Harmon, DEQ/WQD Cheyenne

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-093R

Town Bairoil - Collection Box Improvements & Abel Creek Wells Abandonment
PWS # 5600003

This permit hereby authorizes the applicant:

Sue Rigano, Mayor
Town of Bairoil
P.O. Box 58
Bairoil, WY 82322

to repair four existing spring collection boxes and plug and abandon three existing water wells according to the procedures and conditions of the application number 05-093R. The facility is located a Section 28 & 33, T27N, R90W in the county of Sweetwater, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 6, 2007.

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

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

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

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

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

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

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

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

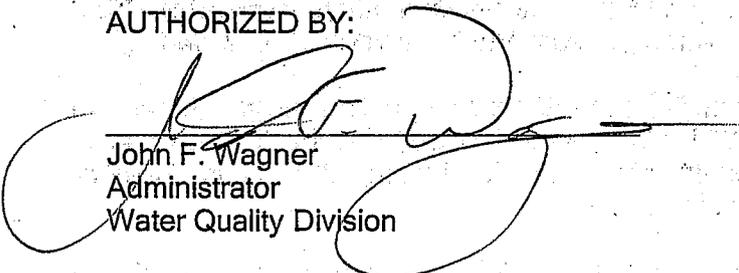
1 of 3 The applicant will provide immediate oral or written notice to the Wyoming Department of Environmental Quality, Water Quality Division (WQD), Southwest District Engineer, 250 Lincoln Street, Lander, WY 82520, 307-332-3144, FAX 307-332-3183, in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

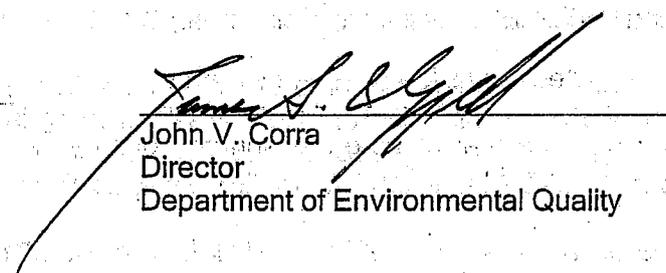
2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the Northwest District a certification of completion signed by the Engineer of Record or the owner. A form titled "Certificate of Completion" has been provided.

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

5/12/05
Date of Issuance

MDB/mdb/jd/5-0574

STATEMENT OF BASIS

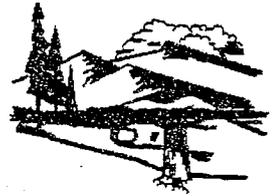
1. Permit Number: 05-093R
2. Application reviewed for compliance with the following regulations:
Chapters 3 and 12 of the Wyoming Water Quality Rules and Regulations.
3. Does the permit comply with all applicable regulations identified above?
Yes.
4. If a Section 17 of Chapter 3 review is required indicate the basis for determining groundwater will be protected.
Not Required.
5. Documentation of Statement of Basis: The archives file for this permit include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Chapter 3, Section 6, Wyoming Water Quality Rules and Regulations. This review was performed by Mark D. Baron, P.E., mbaron@state.wy.us, Environmental Senior Analyst and completed on May 6, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 18, 2005

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003-1469

RE: Cheyenne Sunset Drive Improvements, Application No.05-094, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 133 lf of 8" PVC sewer line, fire hydrant relocation and service lines, NW 1/4 Section 19 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2007.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 05-094 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

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

cc: IPS, Cheyenne
Scott Larson, BenchMark Engineers, P.C.
1920 Thomes Avenue, Suite 620
Cheyenne WY 82001

LBH/jd/5-0340





The State
of Wyoming

Department of Environmental Quality



Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604

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

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

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

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

NOTIFICATION OF COVERAGE

April 8, 2005

Alan E. Vrooman, Permitting Director
Petro-Canada Resources USA
3801 N. Highway 14-16 #E
Gillette, WY 82716

RE: North Shell Draw Gypsum CBM Water Treatment Pilot Project Permit # 05-095

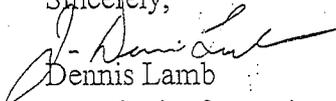
Dear Mr. Vrooman:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. At a minimum a monthly report on the pilot plants operation including analytical data on the quality of the untreated and treated CBM water needs to be submitted to WDEQ/WQD.

Petro-Canda must submit monthly updates on the North Shell Pilot Project. This report shall contain at a minimum; Raw/Treated Water Quality (field and lab), adjustment or minor modifications to the process, and a summary of the actual process verses the bench scale information. This information will be reviewed prior to a statewide permit for this process can be issued.

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

Sincerely,


Dennis Lamb
NE District Supervisor
DEQ/WQD

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-096

Express Pre-Fabricated Privy

This permit hereby authorizes the applicant:

Express Pipeline/Terasen Pipelines
800 Werner Court
Casper, Wyoming 82601

to construct, install or modify a self contained privy according to the procedures and conditions of the application number 05-096. The facility is located in NW/4 of Section 21, Township 38 North, Range 88 West in the county of Natrona, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 1, 2006.

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

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

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

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

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

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

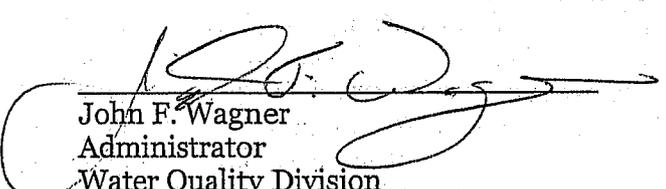
The permittee shall construct and operate the permitted facility in accordance with the statements, representations, procedures, terms and conditions of the permit application, supporting documents and

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

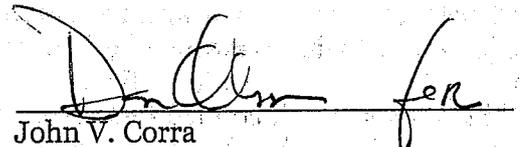
In carrying out its activities authorized by this permit, the permittee, owner and operator shall comply with all of the following permit conditions:

- 1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.
- 2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:
 - a. Date that construction of the facility was completed; and
 - b. Date that the facility was placed in operation; and
 - c. Certification the facility was constructed in accordance with the terms and conditions of the permit; or
 - d. Certification the facility was completed with changes or modifications. Submittal of as-constructed plans and specifications for the system as it was constructed, certified by an engineer if appropriate. All modifications or deviations from the authorized plans must be highlighted.
- 3 of 3 The review and approval of this permit is based upon the items identified in the attached "Statement of Basis".

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division

3/18/05
Date of Issuance


John V. Corra
Director
Department of Environmental Quality

JDL/jd/5-0329

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 05-096
2. Application reviewed for compliance with the following applicable regulations :
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?
 - a. Yes
4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.

not reqd
5. Documentation of Statement of Basis.

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

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, Northeast District Supervisor, and completed on March 17, 2006. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
PERMIT TO CONSTRUCT

PERMIT NO. 05-097

Sinclair Industrial Sewer Service Connection

This permit hereby authorizes the applicant:

Sinclair Oil Corporation
PO Box 510
Evansville, Wyoming 82636-0510

to construct, install or modify a welded steel/pvc industrial sewer service connection according to the procedures and conditions of the application number 05-097. The facility is located in SE/4 of Section 6, Township 33 North, Range 78 West in the county of Natrona, in the State of Wyoming. All construction, installation, or modification allowed by this permit shall be completed by May 1, 2006.

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

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

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

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

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

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

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

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

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

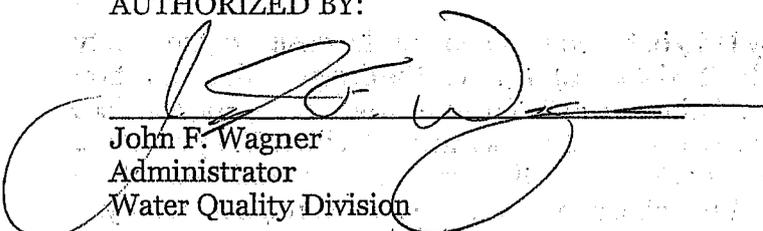
1 of 3 The applicant will provide immediate oral or written notice to the DEQ/WQD Northeast District Office in accordance with the provisions of Section 11, Chapter 3, Wyoming Water Quality Rules and Regulations of any changes or modifications which are not consistent with the terms and conditions of this permit.

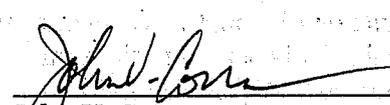
2 of 3 Within sixty days of completion of construction of the authorized facility, the applicant will submit to the DEQ/WQD Northeast District Office on the form provided (CERTIFICATION OF COMPLETION), the following information:

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

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

AUTHORIZED BY:


John F. Wagner
Administrator
Water Quality Division


John V. Corra
Director
Department of Environmental Quality

4/13/05
Date of Issuance

JDL/jd/5-0464

cc: WDEQ Casper Field Office

STATEMENT OF BASIS

1. Permit Number: 05-097
2. Application reviewed for compliance with the following applicable regulations:
 - a. Chapter 11.
3. Does the permit comply with all applicable regulations identified above?
 - a. Yes
4. Application requires review to determine groundwater impacts in accordance with Section 17, Chapter 3.

not reqd
5. Documentation of Statement of Basis.

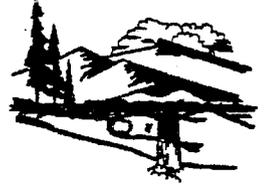
The archives file for this permit will include adequate documentation of all sections of this Statement of Basis.

CERTIFICATION

The issuance of this permit is based upon a review of the application package submitted in accordance with the requirements of Section 6, Chapter III, Wyoming Water Quality Rules and Regulations. This review was performed by Dennis Lamb, Northeast District Supervisor, and completed on April 10, 2005. Permit issuance is recommended based upon statements, representations, and procedures presented in the permit application and supporting documents, permit conditions, and the items identified in this "Statement of Basis."



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

April 27, 2005

Dan Sabrosky
1301 S, Wilson
Casper, WY 82601

RE: Palomino/Antelope Residential Development (Water & Sewer), WDEQ Permit #05-098
PWS # WY5600067

Dear Dan:

The above application for coverage under General Permit to Construct, Install, Modify or Operate an extension to the Town of Bar Nunn Wastewater Collection and Wardwell Water and Sewer District water distribution system in accordance with Chapter 3 and Chapters 11 and 12 of the WWQRR has been reviewed and is hereby approved. You are now authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. All construction, installation, or modification allowed by this permit shall be completed by May 1, 2006.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permits. Following completion of construction of this facility please return the attached WDEQ Certificate of Completion to our Casper Field Office.

If you have any questions please contact Dennis Lamb at (307) 473-3452.

Sincerely,

Rick J. Estes, P.E.
WDEQ/WQD NE District Senior Environmental Analyst

cc: IPS, Cheyenne
Shane Porter, PE, WLC, 200 Pronghorn, Casper, WY 82601-1723
William D. Johnston, PE, Town of Bar Nunn-Engineer, PO Box 941, Casper, WY 82602
Gloria Brainard, Wardwell Water & Sewer District, 4150 Salt Creek Hwy, Mills, WY 82601

Page 1 of 1





The State
of Wyoming

Department of Environmental Quality

Dave Freudenthal, Governor

3030 Energy Lane • Suite 200 • Casper, Wyoming 82604



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

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

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

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

NOTIFICATION OF COVERAGE

March 11, 2005

Ron Drake, PE, President
Drake Engineering Inc.
75 W. Lincoln Road
Helena, MT 59602-9420

RE: Drake Process CBM Water Treatment Pilot Project II, Permit # 05-099

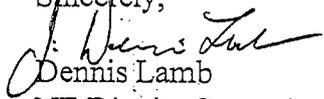
Dear Mr. Drake:

The above application for coverage under General Permit to Construct, Install, Modify or Operate a Pilot Plant in accordance with Section 5, Chapter 11, of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install, or modify the facility in accordance with general permit and the materials submitted in your application package. Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O. of the general permit. At a minimum a monthly report on the pilot plants operation including analytical data on the quality of the untreated and treated CBM water needs to be submitted to WDEQ/WQD. This permit is for the pilot project only and a new permit must be obtained for the full scale Drake Process before it is put into operation.

A complete follow up report must be submitted WQD upon completion of the Pilot Project.

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

Sincerely,


Dennis Lamb
NE District Supervisor
DEQ/WQD

cc:

IPS, Cheyenne



Department of Environmental Quality



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

Dave Freudenthal, Governor

John Corra, Director

NOTIFICATION OF COVERAGE

March 21, 2005

Mr. Herman Noe, Manager of Engineering
Cheyenne Board of Public Utilities
P.O. Box 1469
Cheyenne WY 82003-1469

RE: Evans Avenue water line replacement and sanitary sewer manhole replacements, Application No.05-100, Laramie County

Dear Mr. Noe:

The above application for coverage under General Permit to Construct, Install, Modify or Operate Extensions to or Modifications of Existing Public Water Supply Distribution Systems and of Existing Sewage Collection Systems described as 3058 feet of 12" water line, appurtenances, and sanitary sewer manhole replacements, SE 1/4 Section 30 T14N R66W; Laramie County, in accordance with Chapter 3, Section 9 of the Wyoming Water Quality Rules and Regulations has been reviewed and is hereby approved. You are authorized to construct, install or modify the water distribution system in accordance with Chapter 12, Section 14 of the Water Quality Division Rules and Regulations, the sewage collection system in accordance with Chapter 11, Section 9 of the Water Quality Division Rules and Regulations, and both systems in accordance with the general permit and the materials submitted in your application package. All service connections will be protected by the appropriate backflow device as required by Chapter 12, Section 14(i) of the Water Quality Division Rules and Regulations. All construction, installation, or modification allowed by this notification of coverage shall be completed by May 10, 2007.

Your attention is directed to the mandatory reporting requirements outlined in Part V, Section O of the general permit. Please reference Application No. 05-100 in any future correspondence.

If you have any questions, please contact me at 307-777-7088.

Sincerely,

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

cc: IPS, Cheyenne
Bruce Perryman, AVI pc
2035 Westland Road
Cheyenne WY 82001

LBH/jd/5-0345

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

ADMIN/OUTREACH (307) 777-7758 FAX 777-3610	ABANDONED MINES (307) 777-6145 FAX 777-6462	AIR QUALITY (307) 777-7391 FAX 777-5616	INDUSTRIAL SITING (307) 777-7369 FAX 777-6937	LAND QUALITY (307) 777-7756 FAX 777-5864	SOLID & HAZ. WASTE (307) 777-7752 FAX 777-5973	WATER QUALITY (307) 777-7781 FAX 777-5973
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THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

PH.D. THESIS

1963

BY

ROBERT L. BROWN

Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy

Department of Chemistry, University of Chicago, Chicago, Illinois

This thesis is dedicated to my parents, Mr. and Mrs. Robert L. Brown, for their love, support, and encouragement throughout my life.

I am indebted to my advisor, Professor Robert M. Waymouth, for his guidance, advice, and inspiration during the course of this work.

I also wish to thank my colleagues in the laboratory for their helpful discussions and assistance.

Special thanks are due to my friends and family for their constant support and encouragement.

This work was supported in part by a grant from the National Science Foundation.

CHICAGO, ILLINOIS

ROBERT L. BROWN

ROBERT M. WAYMOUTH

1963