9-3-83

PERMIT TO CONSTRUCT

/ / New

/ / Renewal

/X/ Modified

Permit No. 82-401R

Condition of Permit

WEST SUNSET PRV VAULT & WATER IMPROVEMENTS
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Riverton
P.O. Box 1700
Riverton, WY 82501

to construct, install, or modify a PRV vault, two six inch water main extensions and two fire hydrants.

facility according to the procedures and conditions of the application No. 82-401R. The facility is located in Sec. 28, T1N, R4E in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 23, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

Condition of Permit

This permit is issued with the understanding that it only covers the PRV vault construction and not the installation of the PRV valve and appurtanences. It is understood an additional permit will have to be obtained for the valve installation.

FL:dp

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: WEST SUNSET PRV VAULT & WATER IMPROVEMENTS

ENGINEER: Bradley J. Nelson
P.O. Box 1700
Riverton, WY 82501

OWNER: City of Riverton
P.O. Box 1700
Riverton, WY 82501

WATER QUALITY DIVISION REFERENCE NUMBER: 82-401

REVIEWING ENGINEER: Francis LaBarge FL

DATE OF REVIEW: August 12, 1982

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a "Permit to Construct" can be authorized the following points need to be resolved:

1. Three copies of the plans and specifications are required.

2. The plans and specifications need to be signed by the engineer.

3. As I understand it this application is for the construction of the vault only. The PRV valves are to be installed at a later date after the necessary construction permit has been obtained. Is this correct?

4. It is recommended that a means of draining the vault be provided.

5. The plans call for the vault to be watertight however no details of how this is to be accomplished are given. How are the pipe penetrations to be sealed?

6. The specifications don't address vault installation, bedding, backfill, valves, pipe supports or concrete requirements.

7. How are the valves to be supported in the vault? Details are needed.

ABC

8. Are there any sewer lines in the vicinity of the vault or proposed water main extensions? If so they should be shown on the plans with the seperation distances.

9. The "Application for Permit to Construct" states the facilities discharge. Please clarify.

Please submit the required information and revised plans, in triplicate, to this office. If you have any questions, please call me.

10-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-402R

Condition of Permit

JIM BRIDGER STEAM ELECTRIC PLANT
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Pacific Power & Light Co.
Att: Don Vincent, Jim Bridger Plant Manager
P.O. Box 158

Point of Rocks, WY 82942

to construct, install, or modify a installation of two collection ditches and sumps with related piping to return suface seepage to existing evaporation pond. facility according to the procedures and conditions of the application No. 82-402R. The facility is located in Sec. 36, T21N, R101W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Dept. of Environmental Quality

October 5, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

Condition of Permit

The permittee may be required to install a ground water monitoring system to evaluate the success of the remedial collection system permitted.

AB:dp

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: JIM BRIDGER STEAM ELECTRIC PLANT (SURFACE WATER PUMPBACK)

ENGINEER: Pacific Power and Light Co.
920 S.W. 6th Ave. Rm 900 PFFC
Portland, OR 97204

OWNER: Don Vincent, Plant Manager
P.O. Box 158
Point of Rocks, WY 82942

WATER QUALITY DIVISION REFERENCE NUMBER: 82-402

REVIEWING ENGINEER: Al Berreth, Bill Ewen

DATE OF REVIEW: August 16, 1982

ACTION: Not authorized.

COMMENTS: Before issuance of a "Permit to Construct" the following items need to be addressed:

1. How will seeps 7C and 7D, located on the NE corner of Dike VII, be intercepted?

2. Dames & Moore recommended a 25 foot deep cutoff trench. Why does PP&L believe that a 3 foot deep cutoff trench will be a satisfactory substitute?

3. Two pumps need to be provided for each sump.

4. Please access the affects of operating this system under winter conditions.

5. Please access the affects of the pumpback system on the evaporation pond water elevation.

6. A ground water monitoring program may be required to judge the success of this remedial collection system.

AB:dp

cc: Ewen
File (5)

cc: Norman
Al Barrett

8-9-82

Water Quality Division
Groundwater Section
Permit Application Review

Application Number 82-402

Date submitted for review 7-23-82

Name and location of facility JIM BRIDGER SURFACE WATER PUMP BACK SYSTEM

I have reviewed the plans and specifications with regard to all aspects of groundwater quality and find the following:

☐ No comment. The submittal is consistent with current groundwater protection procedures and requirements.

☒ Comments: ~~attached.~~

1. How will Seeps 7C + 7D be taken care of? (These seeps are located on the N.E. corner of dike VII.)

Signed W. S. Given

Title Eng'r. Evaluator

Date 8-5-82

Review Approved X Not Approved

8/6/82 (Date) GJM (Signed)

Groundwater Control Supervisor

11-1-82

PERMIT TO CONSTRUCT

/ / New

/ / Renewal

/ x / Modified

Permit No. 82-403R

South Pass Maintenance Camp
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Wyoming Highway Department

PO Box 1708

Cheyenne, WY 82002-9019

to construct, install, or modify a sewage collection

facility according to the procedures and conditions of the application No. 82-403R. The facility is located in

Sec. 36, T30N, R100W

in the County of Fremont,

in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND PE #1479 STATE OF WYOMING

Administrator
Water Quality Division

October 18, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: SOUTH PASS MAINTENANCE CAMP

ENGINEER: Gary Brown
Wyoming Highway Department
P.O. Box 1708
Cheyenne, WY 82002-9019

OWNER: Wyoming Highway Department
P.O. Box 1708
Cheyenne, WY 82002-9019

WATER QUALITY DIVISION REFERENCE NUMBER: 82-403

REVIEWING ENGINEER: Francis LaBarge FL

DATE OF REVIEW: August 12, 1982

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a "Permit to Construct" can be authorized the following points need to be resolved:

1. Please show the seperation distances between the water and sewer risers on the plans. A minimum horizontal seperation distance of 5 feet is required.

2. The slope of the sewer service laterals should be indicated. A slope of 2 percent is recommended.

3. A profile of the sewer line from manhole to manhole is needed. It is recommended that this line be at least 6 inches in diameter.

4. Can the existing lines handle the additional flow?

5. Sewer line material and construction specifications are required. V.C.P. is not recommended for service lines.

6. The "Application for Permit to Construct" states the volume of wastewater is 3000 GPD but the design calculations say 2200 GPD. Please clarify. Also why is 20% more added for washing? Washing is included in the 100 gpcd figure.

ABC

7. Clarification is needed on the capacity of the existing drain field. What is the percolation rate? Is the field a leach field or disposal bed?

8. The plans and specifications need to be signed or stamped by the engineer.

9. Three sets of plans and specifications are required.

Please submit the required information and revised plans, in triplicate, to this office. If you have any questions, please call me.

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF EVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN
LANDER, WYOMING 82520
PHONE: (307) 332-3144

RECEIVED
MAY 06 1985
WATER QUALITY DIVISION
WYOMING

PROJECT: Meadow Park Village Plats A and B
Meadow Park Village Plat C

ENGINEER: Mike Lund
Mountain West Design
68 West 100 North
Logan, UT 84321

OWNER: Mike Sims
565 County Road 107
P.O. Box 733
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: 82-404RRRRRR (As Built Plats A & B)
85-4 (Plat C)

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: May 1, 1985

ACTION: **Not authorized.**

COMMENTS:

The following items still need to be addressed and/or resolved.

1. OK - Completed application form for "As Builts" Plats A & B.

2. OK - Completed application form for "Permit to Construct" Plat C. Plat C will be handled separately under No. 85-4.

3. Three sets of Plats A and B "As Built" plans, signed by a registered Wyoming Professional Engineer still need to be submitted. These plans shall completely show both the water and sewer systems, including details, as they were actually constructed. The preliminary design plans will be acceptable only if they are signed by a P.E. and certified that construction was in accordance.

4. OK - Plat C plans (water system and sewer system).

5. As per our March 26, 1985 telecom and Mike Lund's March 6, 1985 letter the capacity of the storage tank is 73,000 gallons. This needs to be noted on the plans. Adequacy of the storage capacity will be discussed in item no. 11.

6. OK - Water lines and sewer lines.

7. OK - Grading ground wastewater treatment plant.

Ac

8. According to your November 30, 1984 letter, the Wyoming Public Works Standards were used for construction. This needs to be noted on the "As Built" plans.

9. OK - Ecolo Chief #6 Wastewater Treatment Plant Plans.

10. OK - A permit must be obtained from this office prior to the modification or expansion of the water or sewer system.

11. Water System - This office has received complaints that the entire subdivision has had low pressure or no water supply on numerous occasions. From the data in the Engineering Report, it appears that there should be adequate water supply from the well and storage tank. It should be noted that the data in the Engineering Report is based on best design estimates.

a. An "As Built" detail of the well(s) needs to be included with the plans (i.e. piping, pump(s) and screen locations, etc.). Pump curves for the Webtroll (352S3016) pumps need to be submitted. Also verify that the well can adequately produce the necessary water supply.

b. Verify (network pressure analysis) that your water system can maintain a minimum pressure of 20 psi at ground level at all points in the distribution system, under all flow conditions (average day demand plus fire flow demand). The water system analysis which was submitted appears to consider a demand of only 500 gpm.

The Engineering Report indicates that the water system is designed for 300 units, 3.5 person/unit and 100 gallons/capita/day. Since no actual flow data is available we researched some similar applications and determined that a flow of 350 gal/lot/day is inadequate.

A similar subdivision near Evanston, which uses metered water reported an average daily demand of 600 gallons during summer months. It should be noted that a community using unmetered always consumes more water than if it was metered.

Reevaluate, address and clarify the demands of your subdivision.

c. Water supply and low pressure problems. Based on the criteria for your subdivision: 73,000 gallon storage tank, 30 gpm producing well, five hoses demanding 40 gpm and 27 homes demanding 11 gpm; it is estimated that it would take approximately 2.5 days before the system could be depleted below normal operating pressures.

d. Details of the water system alarm need to be included on the plans. Address the operation of the water system (well pump cycling, on-off time, low-high level storage, alarm, etc.).

12. The wastewater system must be operated as efficiently as possible to achieve the best possible effluent.

a. OK

b. Routine visual inspections and compliance monitoring at a mechanical treatment plant is inadequate for proper, efficient operation. Address a program which includes process control testing to properly operate your treatment plant.

c. OK - Alarm system.

Submit the required information and revised signed drawings (in triplicate) to this office by June 1, 1985.

82-404 RRRRRR

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF EVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN
LANDER, WYOMING 82520
PHONE: (307) 332-3144

PROJECT: Meadow Park Village Plats A and B
Meadow Park Village Plat C

ENGINEER: Mike Lund
Mountain West Design
68 West 100 North
Logan, Utah 84321

OWNER: Mike Sims
565 County Road 107
P. O. Box 733
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: #82-404RRRRRR (As Built Plats A and B)
#85-4 (Plat C)

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: January 9, 1985

ACTION: **Not authorized.**

COMMENTS: One More Time. Your last response has been reviewed and the following items remain to be addressed and/or resolved.

1. OK - Completed application form for "As Builts" Plats A and B.

2. OK - Completed application form for "Permit to Construct" Plat C. Plat C will be handled separately under No. 85-4.

3. Three sets of Plats A and B "As Built" plans (water system and sewer system) signed by a registered Wyoming Professional Engineer still need to be submitted.

4. OK - Plat C plans (water system and sewer system).

5. According to your November 30, 1984 letter, the water storage tank has a capacity of 78,510 gallons. The actual capacity and dimensions still need to be noted on the plans.

6. OK - Water lines and sewer lines.

7. OK - Grading ground wastewater treatment plant.

8. According to your November 30, 1984 letter, the Wyoming Public Works Standards were used for construction. This still needs to be noted on the plans.

9. OK - Ecolo Chief #6 Wastewater Treatment Plant Plans.

ABC

10. Any modification or expansion of the water system or sewer system requires that a "Permit to Construct, Install or Modify" be obtained from this office.

Some additional concerns have arisen since my last review. These concerns need to be addressed before either Plats A and B or C can be accepted.

11. Water System - This office has received complaints that the entire subdivision has had low pressure or no water supply on numerous occasions. From the data supplied in the Engineering Report, it appears that there should be adequate water supply from the storage tank and well.

(a) Verify the actual yield of the well, capacity pump size, etc.

(b) Verify (pressure analyses) that your water system can maintain a minimum pressure of 20 psi at ground level at all points in distribution system under all flow conditions (average flow plus fire demand).

(c) Address the problems associated with the deficient water supply incidents.

(d) It is recommended that an alarm system be installed on the well and storage tank so that a responsible party will be notified of power failure or insufficient water. Details must be included on the plans.

12. Wastewater System - Inspections by state and county personnel on several occasions have observed your wastewater treatment plant to be either completely shut down or in very poor condition.

(a) At times when your plant is shut down or in poor condition, the effluent discharged to waters of the state does not comply with the limits of your NPDES discharge permit. This is a violation of the Wyoming Environmental Quality Act.

(b) Address the program you will implement to properly maintain and operate your treatment plant, including actions during a power failure.

(c) An alarm system must be installed that will notify a responsible party when there is a problem with the plant.

Submit the required information and revised drawings to this office, in triplicate, by February 15, 1985. If a satisfactory response is not received, legal action will be initiated.

JB:dcn

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Meadow Park Village Plats A, B and C

ENGINEER: Michael Lund
Mountain West Design
68 West 100 North
Logan, Utah 84321

OWNER: Michael Sims
P. O. Box 733
Evanston, WY 82930

WATER QUALITY DIVISION REFERENCE NUMBER: #82-404RRRRR "As Builts"

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: August 16, 1984

ACTION: Not authorized.

COMMENTS: The purpose of this review letter is to clarify the information on file with this application and identify the items which still need to be addressed.

1. The plans for Plats A (21 Units) and B (34 Units) include "As Builts" for water lines, water storage reservoir, water well data, sewer lines and sewage treatment plant. These plans will be filed under the Application for "Permit to Construct" No. 82-404RR. The enclosed application form should be completed to include the above referenced items. Do not sign the application but write in "As Builts".

2. The plans for Plat C (15 Units) which has not yet been constructed will be filed under a separate Application for "Permit to Construct". The enclosed application form should be completed for Plat C water and sewer lines.

3. This office has on file three sets of plans for Plats A and B "As Built" water and sewer systems. These plans must be signed by a registered Wyoming Professional Engineer.

4. This office has on file three sets of construction plans for Plat C water and sewer lines. These plans have already been signed by a registered Wyoming Professional Engineer.

ABC

5. As per our tele-con August 15, 1984, you informed me that the storage tank capacity was 98,000 gallons. The plans indicate an octagonal shaped tank 8 feet deep with a capacity of 73,000 gallons. Verify the size and dimensions on the plans.

6. Address the type of pipe materials and classes used for the water and sewer lines within this subdivision.

7. Address whether grading has been done around the sewage treatment plant to divert runoff.

8. Address which specifications were used when constructing the water and sewer systems. If the Wyoming Public Works Standards were used, this should be noted on the plans.

9. This office has only one set of plans for the Ecolo Chief #6 Sewage Treatment Plant. Two additional sets need to be submitted.

10. I would like to remind you that any modifications or expansions of your water and sewer systems will require a permit from this office. Failure to obtain a permit prior to construction is a violation of Water Quality Rules and Regulations.

In an effort to finally complete these applications, address each comment and submit the required information to this office by September 30, 1984.

JB:dcn

Enclosures

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

165 EAST RAILROAD AVENUE GREEN RIVER, WYOMING 82935 TELEPHONE 307 875-6911

October 26, 1983

First Wyoming Bank of Evanston
ATTN: Kitty Tammen
P. O. Box 610
Evanston, WY 82930

RECEIVED
OCT 28 1983
WATER QUALITY DIVISION
WYOMING

Re: Meadow Park Village Sec. 36, T16N, R121W, Uinta County, Wyoming
DEQ/WQD No. 82-404RRRR

Dear Ms. Tammen:

As per the request of Tom Christopher, the purpose of this letter is to inform you of the status of Meadow Park Village. On October 21, 1983 I made an onsite inspection of the subject subdivision with Mr. Mike Sims. The water and sewer systems installed (Plats A and B) appear to meet the minimum design standards as defined by the State of Wyoming.

Some minor details in the review process have yet to be worked out, therefore DEQ/WQD cannot grant authorization at this time. I anticipate that the water and sewer systems for Plats A, B, and C will be authorized sometime within the next 45 days.

If you have any questions or need more information, please feel free to contact me.

Sincerely,

Jack Bedessem

Jack Bedessem
Water Quality Engineering
Area Evaluator
Southwest District

JB:mpm

cc: Cheyenne DEQ/WQD
Tom Christopher
Mike Sims
File (2)

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

165 EAST RAILROAD AVENUE GREEN RIVER, WYOMING 82935 TELEPHONE 307 875-6911

July 20, 1983

Mr. Mike Sims
P. O. Box 733
Evanston, WY 82930

Re: Meadow Park Village 82-404

Dear Mr. Sims:

To summarize our meeting yesterday, the following items need to be completed before authorization can be given on your subdivision:

1) Completed as-built drawings with your engineer's signature. This would include the missing sewerline profile, the new manholes, the yet to be installed blow-off, exact well and waterline locations, etc.

2) Installation of the blow-off assembly.

3) Fire flow analysis.

4) Installation of the vent on the water storage reservoir.

When authorization is given on this project, a condition will be the inclusion of a second water source. It is important that you realize a third well may also be needed sometime in the future.

I located the water analysis and pump tests we discussed and they are in order. The reservoir drawings are short your engineer's signature.

Enclosed with this letter is a blow-off assembly as required by the City of Evanston. Remember to include a drawing of what you install with the as-builts.

Also, enclosed is an inspection report on your sewage plant. I did not mention it at the time but, it would be best if you could include a detail of your permanent effluent sump with the rest of your drawings.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB/mm

cc: Cheyenne DEQ/WQD w/insp.
Bill Cates, Uinta Cty. Sanitarian
File (3)

To Norma

ENFORCEMENT ACTION

Responsible Party & Location:
(including county)

Mike Sims

Evanston Wy

Ref.No. 82-404

Violation Illegal Construction

Docket # —

Date of Discovery 11-5-82

Date of NOV or LOV 7-20-83

Referral to AG: —
Date

AG Docket # —

Action Taken Need info by Aug 1.

~~Willas~~

Submitted by [illegible]

Date 7/20/83

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

February 8, 1983

CERTIFIED # P 323 730 777

Mr. Mike Sims
P. O. Box 733
Evanston, WY 82930

RE: Meadow Park Village, 82-404

Dear Mr. Sims:

Your recent submittal has been reviewed and found to be incomplete. Items 1, 2, and 4 from my December 17, 1982 letter to you were not addressed. Item 3 left off the sewerline profile on the last downstream section of sewerline on Pleasant View Street.

The water and sewer systems as constructed do not meet minimum state requirements. Deficiencies in the sewer system include:

1. Lengths of sewerline between manholes exceed 400 ft. It appears that an additional four (4) manholes will be required.

2. Dead end sewerlines must end with a manhole. It appears that one additional manhole will be required. However, several stubs need to be idenfitied on Village Drive.

Deficiences in the water system include:

1. Dead end mains require blow-offs. A minimum of two will be required if Plat "C" is permitted and constructed.

2. The as-builts do not appear to be accurate. All valving and fire hydrants need to be shown. In some cases, it is not clear where the waterline jogs to get to the other side of the street.

3. A minimum of two wells, each capable of average daily flow, need to be provided.

4. With a fire flow of 750 gpm, the water system must sustain 20 psi. This needs to be demonstrated.

ABC

The improvements proposed for Plat "C" appear acceptable. However, a construction permit cannot be issued until a formal application is made and a satisfactory plan of action on the current violations is agreed upon.

It is important that we begin to get the items in this letter and in my December 17, 1982 letter resolved soon. I would ask that a proposed plan of action and submittal of all the requested information be received by this office by March 4, 1982. If this date is not acceptable to you, please contact me immediately.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:dcn
cc: Uinta Co. - W. Cates
Cheyenne DEQ/WQD
File (4)

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

December 17, 1982

Mr. Mike Sims
P. O. Box 733
Evanston, WY 82930

RE: Meadow Park Village, 82-404

Dear Mr. Sims:

During our meeting of December 7, 1982, we covered several items which are listed below.

1. The water analysis needs to be redone, that is, complete chemical and bacteriological analysis including primary drinking water standards.

2. As-built plans are needed for the 85,000 gal. reservoir. These plans need to carry the seal or signature of a Wyoming registered engineer.

3. The remainder of the sewerline profiles need to be submitted. This would include the 10 inch line running to the package sewage treatment plant.

4. The results of the pump test on the subdivision's well need to be submitted.

5. Items 3 and 6 of my November 15, 1982 letter were not complete and will be reviewed during a spring inspection.

Also, you may recall that I asked you to begin the permitting process for the additions you plan to make in 1983 and to begin planning for your second water well. As we discussed, depending on the final size of this subdivision, you may be required to provide two additional wells, each capable of providing average daily flow to the subdivision.

It was agreed that the requested items be submitted by January 14, 1983.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:dcn
cc: Uinta Co. - W. Cates
Cheyenne DEQ/WQD
File (4)

9-3-82

PERMIT TO CONSTRUCT

/x/ New

/ / Renewal

/ / Modified

Permit No. 82-405

SPRING CREEK RANCH, PHASE I, C-V AREA
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Spring Creek Improvement & Service District

P.O. Box 3154

Jackson, WY 83001

to construct, install, or modify a Waterline & sewerline extensions with sewage lift station & force main facility according to the procedures and conditions of the application No. 82-405. The facility is located in Sec. 21, T41N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM J. GARLAND L.E. # 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

AB:dp

8-30-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-406

WAGON BOX INN SEPTIC SYSTEM
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Wayne Maubach

Box 518

Story, Wyoming 83638

to construct, install, or modify a septic tank and leach field

facility according to the procedures and conditions of the application No. 82-406. The facility is located in Sec. 7, T.53N., R.83W.

in the County of Sheridan, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 20, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

xc: Engineering Inc. of Wyoming
45 East Loucks, Suite 301
Sheridan, WY 82801

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

2161 COFFEEN AVENUE,
SUITE 301

SHERIDAN, WYOMING 82801

TELEPHONE 307-672-6457

September 2, 1982

RECEIVED
SEP 3 1982
WATER QUALITY DIVISION
WYOMING

Mr. Russ Larson
Larson & Brimacombe
1901 Energy Court, Suite 120
Gillette, Wyoming 82716

RE: Rawhide Village Water System Improvements, WQD Ref. No. 82-407R

Dear Russ:

I have received your letter of August 25, 1982, concerning the subject water supply. Based on all the information available to me at this time, I feel that the improvements meet the various requirements of the Water Quality Division Rules and Regulations. You may, therefore, consider the improvements approved.

Since the construction has already taken place, no Permit to Construct will be issued. Please call me if you have any questions.

Yours truly,

Tom Mueller

Tom Mueller
District Supervisor

TM:ls

xc: Campbell County Engineer's Office
500 South Gillette Ave.
Gillette, Wyoming 82716

Ron Ely, Rawhide Mobile Home Park

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 COFFEEN AVE., SUITE 301
SHERIDAN, WYOMING 82801

PROJECT: Rawhide Village Water System Improvements

ARCHITECT OR ENGINEER: Larson & Brimacombe
1901 Energy Court, Suite 120
Gillette, Wyoming 82716

WATER QUALITY DIVISION REFERENCE NUMBER: 82-407

REVIEWING ENGINEER: Tom Mueller TM

DATE OF REVIEW: August 9, 1982

ACTION: Construction not Approved. See Comments.

COMMENTS:

The following comments, and analysis of the system are based on the following information and assumptions: (1) information provided with the application, (2) an inspection with the systems owners, engineers, and operators on August 5, 1982, (3) the assumption that within one year all water rates in the area served by the Rawhide Village water system will be based on meter readings, and (4) the installation within the near future of a third well to provide additional water to the system.

1. Ten States Standards states unequivocally that the pump system shall be able to meet peak instantaneous flow (in this case, fire flow plus average daily demand) with the largest pump out of service. Although the system as shown on the drawings does not meet this requirement, the single large pump in the other (Rawhide Village I) pump house is sufficiently large to provide this required flow, when the smaller pumps on the system are taken into account. For this reason, the system is acceptable in this regard.

2. A check valve must be installed between the water well supply line(s), where it comes into the pump house, and the storage tank.

3. The control system for the pressure pump system is not adequate, in that the pumps do not shut off in sequence, but simultaneously, which causes unacceptable surging and multiple stops and starts. The system must be corrected, so that at a minimum, the pumps do not all stop simultaneously.

xc: Campbell County Engineer's Office

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

September 15, 1982

Johnson-Fermelia & Crank, Inc.
PO Box 1633
Rock Springs, WY 82901

RE: Change Orders for Permit No's. 81-785R, 82-67R, and 82-408

Gentlemen:

The elevation changes referred to in your letters to us have been incorporated into the referenced permits as Change Order No. 1. A formal Permit to Construct will not be needed for this change. This letter should be kept on file as a record of authorization for the change.

In regard to the realignment of the sewerline to the east side of the irrigation ditch, this change order will be sufficient provided that the ground profile is similar, the sewerline grade is the same, and new piping or manholes are not required. In any case, as-built plans of this portion of the project should be submitted upon completion of the project.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: Cheyenne DEQ/WQD
Lincoln Development
File (4)

P. O. BOX 1633
ROCK SPRINGS, WYOMING 82901
PHONE 362-7519

JOHNSON-FERMELIA AND CRANK, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

September 9, 1982

SEP 1982
RECEIVED
WATER QUALITY
DIVISION
WYOMING

Wyoming Department of
Environmental Quality
Water Quality Division
210 Lincoln
Lander, Wyoming 82520

Attention: Mr. Al Berreth

Re: Airport Business and Industrial Center - North
Sewage Collection System - Change Order
JFC Job No. 974-0182
Wyoming D.E.Q. Permit No. 81-785R and 82-67R

81-785R (change order)
82-67R (change order)

Dear Al:

This letter is in regards to our previous telephone conversation concerning the change order to revise the elevations of the sewer mains on the above mentioned project.

Briefly, we are continuing the raise in grade of the Collection System from the South Area of the subdivision, through the North Area, to Man Hole No. 5. From MH-5 northerly, the previously permitted profiles will be maintained. We have also made an alignment change; routing the sewer main on the east side of the irrigation ditch, thus eliminating the crossing of the irrigation ditch.

I have enclosed a schedule showing the revised invert elevations, slopes and depth of bury for your use. If any questions should arise, please feel free to call.

Sincerely,

Kenneth L. Wilbert

Kenneth L. Wilbert

KLW:bw

Enc.

cc: L. Fusselman

REVISED SEWER MAIN INVERT ELEV. (NORTH AREA)

LOCATION	EXIST. I.E.	REV. I.E.	SLOPE	RIM ELEV.	DEPTH OF COVER*	REMARKS
MH 7	6580.28	6592.05		6600 ≈	8.0 ≈	SEE NORTH AREA FOR CONT
MH 7 TO MH 6		6589.78	0.9%	6600 ≈	10.0 ≈	MOVED MH 6 (ELIMINATES DITCH CROSS
MH 6 TO MH 5	6577.7	6587.5	0.9%	6599 ≈	7.0 ≈	
MH 5 TO MH 4	6575.69	6584.5	0.78%	6590.06	6.0	
MH 4 TO MH 3	6573.86	6573.86	3.0%	6588.05	14.0	
MH 3 NORTH'LY	RESUME	PREVIOUSLY		PERMITTED	PROFILES	
C.O. ADMIRAL NIMITZ DRIVE	6616.84	6622.17		6629.8	7.0	
C.O TO MH 10	6609.06	6614.17	8.0%	6621.06	7.0	
MH 10 TO MH 5	6577.7	6587.5	7.6%	6592.98	5.5	
MH 9 JOHN PAUL JONES DRIVE	6617.42	6624.03		6630.03	6.0	
MH 9 TO MH 8	6592.76	6592.76	8.6%	6604.76	11.0	

* TO BOTTOM OF PIPE

P. O. BOX 1633
ROCK SPRINGS, WYOMING 82901
PHONE 362-7519

JOHNSON-FERMELIA AND CRANK, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

September 9, 1982

SEP 1982
RECEIVED
WATER QUALITY DIVISION
WYOMING

Wyoming Department of
Environmental Quality
Water Quality Division
210 Lincoln
Lander, Wyoming 82520

Attention: Mr. Al Berreth

82-408 (change order)

Re: Airport Business and Industrial Center - South
Amended Sanitary Sewer Collection System
JFC Job No. 974-0182
Wyoming D.E.Q. Permit No. 82-408

Dear Al:

This letter is in regards to our previous telephone conversation concerning the change order to revise the elevations of the sewer mains on the above mentioned project.

Briefly, we raised the sewer main from MH-12 to the south end of the collection system. The sewer main from MH-12 northerly to MH-9 remains the same and is unaffected by the changes. Due to the changes in grades of the sewer main in the North Area of the development (refer to separate enclosure for details), it was required that the line from MH-9 to MH-7 be changed also.

I have enclosed a schedule showing the revised invert elevations, slopes and depth of bury for your use. If any questions should arise, please feel free to call.

Sincerely,

Kenneth L. Wilbert

Kenneth L. Wilbert

KLW:bw

Enc.

cc: L. Fusselman

REVISED SEWER MAIN INVERT ELEV. (SOUTH PINE

974-287

LOCATION	EXISTING I.E.	REVISED I.E	SLOPE	RIM ELEV.	DEPTH OF COVER (BOTTOM OF PIPE)
CO22+23	6617.5	6628.13		6634.13	6'
CO22+23 TO MH14	6603.0	6607.75	15.6 %	6626.75	19.0
MH14 TO MH13	6602.1	6605.1	1.2 %	6620.21	15.1
MH13 TO MH12	6600.5	6600.5	1.2 %	6615.54	15.0
MH12 TO MH9	RESUME PREVIOUSLY PERMITTED PROFILES				
MH9 TO MH8	6584.49	6592.65	0.9 %	6610.5	7.0
MH8 TO MH7	6580.28	6592.05	0.9 %	6600.0 ≈	8.0 ≈

9-3-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-408

AIRPORT BUSINESS & INDUSTRIAL CENTER - SOUTH
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Lincoln Development Co.

P.O. Box 1085

Rock Springs, WY 82901

to construct, install, or modify a Horizontal & vertical alignment of previously permitted sewage collection system (81-890R & 82-78R) facility according to the procedures and conditions of the application No. 82-408. The facility is located in Sec. 19, T16N, R120W in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
P.E. # 1479
STATE OF WYOMING

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

AB:dp

Chey

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

August 17, 1982

RECEIVED
AUG 18 1982
WATER QUALITY DIVISION
WYOMING

Cardinal Engineering
2334 Rose Lane
Riverton, WY 82501

Att: Jerry Crews

Re: Permit Application 82-409, Overflow seepage bed at Temple Peak Subdivision

Dear Jerry:

I have reviewed the plans you submitted for the overflow seepage bed at Temple Peak Subdivision.

The Department of Environmental Quality cannot issue a "Permit to Construct" for this facility since it is already constructed. However, authorization of the design and installation can be granted since the seepage bed appears to meet the minimum standards.

As a condition on this authorization, I would like you to verify that there is positive drainage around the bed to prevent any surface runoff from entering the bed.

As a general reminder to Mr. Chopping, the construction of any wastewater treatment facility without a "Permit to Construct" is a violation of Section 35-11-301 (a) (iii) of the Wyoming Environmental Quality Act.

If you have any questions, please feel free to contact me.

Respectfully,

Jeff C. Hermansky

Jeff C. Hermansky
Water Quality Evaluator
Northwest District

JH:dp

cc: Jake Strohman, DEQ/WQD Cheyenne
Porter Chopping
Bernie Scott, Riverton City Engineer
File (2)

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

HERSCHLER BUILDING CHEYENNE, WYOMING 82002 TELEPHONE 307 777-7781

May 16, 1986

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078

To whom it may concern:

Your statewide permit number 82-410, for small wastewater facilities, was issued for an indefinite period. It is the current state policy that statewide permits be issued for a two year period and renewed as necessary. If you still intend to utilize the permit would you so notify this office so that the permit may be renewed. If the permit will not be utilized it will be revoked.

Sincerely yours,

Lawrence Robinson

Lawrence Robinson
Engineering Supervisor

LR/ad

9-3-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-410

Condition of Permit

NATURAL GAS CORP. OF CALIF. - STANDARD FOUR MAN CAMP
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Natural Gas Corp. of Calif.

85 South 200 East

Vernail, UT 84078

to construct, install, or modify a 4 inch sewage service line and 2,000 gal holding tanks for oil well drilling camps

facility according to the procedures and conditions of the application No. 82-410. The facility is located in

Statewide

in the County of Statewide, in the State of Wyoming. This permit shall be effective for a period of Indefinite years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

Condition of Permit

This permit may be revoked at any time by letter from the Department of Environmental Quality, Water Quality Division to the Natural Gas Corp. of California.

AB:dp

10-6-82

PERMIT TO CONSTRUCT

/ X/ New

/ / Renewal

/ / Modified

Permit No. 82-411R

Opal Housing Wastewater Treatment Facility
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Opal Housing
c/o Mr. & Mrs. John Pousche
1326 First West

Kemmerer, WY 83101

to construct, install, or modify a

septic tank - leach field system

facility according to the procedures and conditions of the application No. 82-411R. The facility is located in

2/?
Sec. 15, T12N, R116W (Lot #22 Kemmerer Industrial Park No. 1)

in the County of Lincoln,

in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Dept. of Environmental Quality

September 22, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

JB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: OPAL HOUSING

ENGINEER: George D. Crank
Johnson, Fermelia & Crank, Inc.
Box 631
Kemmerer, WY 83101

OWNER: Mr. & Mrs. John J. Pousche
1326 First Street
Kemmerer, WY 83101

WATER QUALITY DIVISION REFERENCE NUMBER: 82-411

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: August 20, 1982

ACTION: Not authorized.

COMMENTS: An initial reveiw of your plans and specifications has been made. Before the review can be completed and a "Permit to Construct" issued, the following points need to be resolved or addressed:

1. It is recommended that a clean out be put in the line from the warehouse and trailer to the septic tank.

2. It is recommended that trench and bed disposal designs be avoided in soils with percolation rates slower than 60 min/inch, unless great care is exercised during construction. For this sytem I would like to recommend including a construction specification similar to the one enclosed.

3. The distribution pipes should be $\leq$ 3 feet from the edge of the gravel bed or leaching area.

4. The finished grade over the bed should extend for at least 10 feet beyond the leaching area before tapering off at a 3:1 slope.

5. It is also recommended that more than 1 foot of 5-10 min/inch fill material be placed under the gravel bed. This area will act as storage.

6. Calculations are needed as to how the 350 gpd was attained and how the 1521 sq. ft. of disposal area was attained. How many persons are going to be occupying this facility?

Please submit the required information and revised drawings, in triplicate, to this office. Upon receipt of a satisfactory reply, the review will be completed and a "Permit to Construct" issued. If you have any questions, please call me. Your cooperation is appreciated.

JB:ch

5-20-83

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-412RRRRR
EPA C560128-04

CITY OF WORLAND WASTEWATER TREATMENT SYSTEM
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Worland

P. O. Box 226

Worland, WY 82401

to construct, install, or modify XX Grant Eligible Sewer Lines and Sewage Treatment facility according to the procedures and conditions of the application No. 82-412RRRRR. The facility is located in Sec. 13, 24, 25, T.47N., R.92½E. in the County of Washakie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone, 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND P.E. # 1479 STATE OF WYOMING

William L. Garland
Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Robert E. Sundin
Director
Dept. of Environmental Quality

May 11, 1983
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

FL:dcn
(5/11/83)

5-5-83

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Worland Wastewater Treatment Project, Washakie Co.

ARCHITECT OR ENGINEER: Harry LaBonde, ARIX
609 E. Madison, Suite 1, Riverton, WY 82501

APPLICANT: City of Worland
P.O. Box 226, Worland, WY 82401

WATER QUALITY DIVISION REFERENCE NUMBER: 82-412RRRR

REVIEWING ENGINEER: Frank LaBarge, E. J. Fanning, Bill Ewen, Ed Baruth

DATE OF REVIEW: May 4, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

After reviewing the aforementioned project, we offer the following comments for your consideration prior to processing the necessary permit to construct:

Sludge Disposal

1. Include a NH4-N analysis for the stabilized (composed) sludge in section 02100 of the specification.

2. Please incorporate provisions in the specification to insure that sludge windrows are turned to near optimum height and width. ARIX Engineering on the Laramie project has experienced this process and experience has shown that outer layers of windrows are easily detached by wind. This airborne particulate could become a problem.

3. We wish to point out the possibility of odors associated with the sludge compost and the discomfort of this being adjacent to the community. Odor control, alternate site selection, or local notification of neighboring habitation should precede finalization of the compost site.

Groundwater

4. Proposed monitoring well No. 2 will serve as an upgradient well and should consequently be moved as far as possible to the southeast.

5. Buck Coggins well (U.W. 40025) will require periodic monitoring. A monitoring schedule will be established after review of background water quality data obtained during the construction phase.

General

6. The proposed by-pass option selected will result in sewage rising to an elevation of 4043.40 before overflowing into MH A-2. As a result, sewage will back

up all the way back to between MH A-7 and A-8. The question of whether this will result in the backup of sewage into basements has to be addressed. The preferred alternative would be to design a detention basin made to drain back to the station wet well.

7. Is the entire extent of the waterline shown? What is the horizontal separation distance between the waterline and proposed sewer line? The waterline crossing just North of MH 20-C is not shown on the profile.

8. The question of proper placement of the shower and eyewash can be remedied by providing a handrail between the lab and the shower-eyewash.

9. Page 4 of the Amendments to General Conditions, under item 11, combined fees of the prime and subcontractor(s) shall be limited to 15 percent eligible fixed fee. If Worland prefers the listed 20 percent amount the incremental 5 percent will be declared ineligible. (This has been confirmed with an EPA auditor.)

10. Please insert cover sheet of actual wage determination for identification purposes (SGC-43A).

11. The ultraviolet disinfection system specified seems adequate. Apparently however only one manufacturer can provide such a system. The city has two options:

    a. Prequalify this specification through EPA.

    b. Allow alternate ultraviolet systems.

12. As discussed with Mr. Harry LaBonde of ARIX, DEQ requests that the method of applying an even layer of bentonite be "firmed up." Because numerous communities in Wyoming are now having problems with bentonite application, this office will scrutinize any potential change orders closely, should additional bentonite be requested. If an overrun is due to relaxed installation specifications, we may not confirm grant funding for the proposed increase.

13. As discussed April 26, the sewer jet cleaner is only partially grant eligible. The percent eligible will be computed by comparing the portion of new funded sewer with the total system length.

    Further, the cleaning of your existing system is considered normal operation and maintenance by EPA. It is not eligible for federal reimbursement.

14. The following pertains to COE comments:

    a. COE comment <u>drawings</u>: 4.d., please provide this office your structural calculations verifying this fastening of the S4X7.7.

    b. COE comment <u>Specifications</u>: 7. page <u>03300-10</u>. It appears that leaving the location of expansion joints open will force ARIX to accept responsibility for directing the contractors construction efforts in the field. If this is desired, we have no problem with this specification.

MEMORANDUM

TO: Ed Baruth

FROM: Francis LaBarge

DATE: April 12, 1983

SUBJECT: City of Worland, Wastewater Treatment Improvements, Washakie County
DEQ #82-412RRRR (EPA C560128-94)

I have completed a review of ARIX's April 4, 1983 reply to our March 7, 1983 review letter. Following are my findings:

1 through 13 - Resolved

14. The proposed by-pass option selected will result in sewage rising to an elevation of 4043.40 before overflowing into MH A-2. As a result, sewage will back up all the way back to between MH A-7 and A-8. The question of whether this will result in the backup of sewage into basements has to be addressed. The preferred alternative would be to design a detention basin made to drain back to the station wet well.

15 through 19 - Resolved

20. Is the entire extent of the waterline shown? What is the horizontal separation distance between the waterline and proposed sewer line? The waterline crossing just North of MH 20-C is not shown on the profile.

21 through 24 - Resolved

25. The OSHA Notice of Violation addresses chlorine gas and acids. It does not say anything about the actual laboratory operation. I still believe that it would be wise to have a shower and eyewash inside the lab itself. The cost is miniscule compared to the benefits if it should ever be needed. Jake and I discussed this topic and concluded that at a minimum, a handrail should be installed leading from the lab to the shower and eyewash.

26 through 40 - Resolved

I did not review questions 41 through 54 as they are yours, E. J.'s and Bill's.

If you have any questions concerning my review, please call me.

FL:dcn

82-412 R

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

September 14, 1982

Mr. Harry C. LaBonde
ARIX
609 East Madision, Suite 1
Riverton, WY 82501

RE: City of Worland 201 Wastewater Facilities Plan Amendment

Dear Mr. LaBonde:

A review of the above referenced amendment for compliance with Ten State Standards and State regulations has been completed by the District Office.

I am in agreement with the proposed aerated lagoon design calculations presented in the report. My calculations also indicate, as do yours, that some type of disinfection will be required during the winter months to meet the limits established by the NPDES Permit.

The incorporation of the existing Cell No. 2 into the revised design as Cell No. 4 is perfectly acceptable even though the calculations indicate it isn't needed. Our review is only to determine if minimum design standards are met, overdesign is not a consideration.

I did note that the proposed design calls for the bottom of Cell No. 1 to be lowered to elevation 4031.0 or 4 feet above the groundwater table. Care must be taken to insure that the finalized design plans show adequate protection of the groundwater.

In conclusion, the amendment is acceptable to the District Office. If the aerated design is chosen, the necessary design calculations for the aeration system should be included in the "Application for Permit to Construct". If you have any questions, please contact me at this office.

Yours truly,

Francis LaBarge

Francis LaBarge
Northwest District Supervisor

FL:ch

cc: Al Lambiase - City of Worland
Ed Baruth - Cheyenne DEQ/WQD
File (2)

3-9-83

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: City of Worland, Wastewater Treatment Improvements, Washakie Co.

ARCHITECT OR ENGINEER: ARIX, 609 E. Madison, Suite 1
Riverton, WY 82501

APPLICANT: City of Worland
P.O. Box 226, Worland, WY 82401

WATER QUALITY DIVISION REFERENCE NUMBER: 82-412RR (EPA C560128-94)

REVIEWING ENGINEER: Frank LaBarge, Bill Ewen, E. J. Fanning, Ed Baruth

DATE OF REVIEW: March 7, 1983

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

After reviewing the aforementioned project, we offer the following comments for your consideration prior to processing the necessary permit:

1. The application form needs to be signed.

2. The name of the receiving waters needs to be put on the application form.

3. The engineer needs to sign the finalized plans and specifications.

4. The City engineer's signoff on the project is needed.

5. John Wagner must be contacted to receive permission to drain the ponds and/or bypass sewage during construction.

6. The areas of soil to be sterilized needs to be identified on the plans.

SHEET-SPECIFIC COMMENTS

Sheet 3.

7. The profile calls for the matchline on sheet 33. It is on sheet 4.

8. The specifications should require the contractor to comply with the conditions of the 404 permit and/or the 401 Certification, in reference to the pipeline crossing of the Big Horn River.

Sheet 4.

9. Section 2560-5 of the specifications should be revised to include those areas where there is less than 10 feet of horizontal separation between the water and sewer lines.

10. The waterline crossing between MHA-5 and A-6 needs to be shown on the profile.

11. The profile calls for the matchline on sheet 32. It is on sheet 3.

Sheets 5, 6 and 7 - Submersible Lift Station.

12. Pump disconnects need to be included in the specifications.

13. A ground fault interrupter is needed in the lift station electrical circuit.

14. As a result of discussions on the need for some method of lift station overflow protection, it was decided that, if an additional pump (i.e. the same as the two in the lift station) was kept on hand, this would satisfy DEQ requirements. However, costs for this pump are considered ineligible for EPA participation.

15. A drain is needed in the valve pit.

16. It is recommended the valve supports be used in the valve pit.

17. The material the lift station guide rails are to be made out of need to be specified. The material should be corrosion resistant.

Sheet 10.

18. The specifications need to address anode protection.

19. In Section 2230, the last statement, the casing seal on page 3 should be deleted as it is called out page 2 of that section.

Sheet 13.

20. There are no waterlines shown on the plan view. Are there any waterlines in the area of the proposed sewer line? If so, they need to be shown in the plan view and any crossings need to be included in the profile.

Sheet 14.

21. A fume hood should be provided.

22. It is recommended that a balance table designed for the particular balance purchased should be provided.

23. Has any consideration been given to the purchase of glassware and reagents?

24. The lab could use more electrical outlets.

25. An eyewash and emergency shower are required in the lab.

Sheets 15 through 26 - Lagoon Lift Station.

26. Confirmation is needed that the proposed flume can read flows in the range of 1 MGD at an accuracy of ±10%.

27. A heating unit needs to be specified for the flume controls in the wet well area.

28. It is strongly recommended that a source of water be provided to the lift station for washdown purposes. Without any water, how is the wet well area to be kept reasonably clean? When more information is obtained, eligibility will be examined.

29. The pump room floor should be sloped to the sump.

30. The pump elevations need to be shown.

31. It is recommended that the generator alarm be tied into the Police Station.

Sheet 30.

32. If any sludge is to be handled, dried, stored, etc. out of the banks of the existing lagoons, E. J. Fanning of DEQ, Water Quality Division, should be contacted for his input.

Sheet 31.

33. John Wagner of DEQ, Water Quality Division, needs to be contacted to get an NPDES permit modification for the location of the two new discharge points.

Sheet 34.

34. Has any consideration been given to corrosion protection of the DIP?

Sheet 37.

35. The bentonite seal should extend beneath the inlet pipes.

36. The plans need to show that the bentonite liner extends to the top of the dikes.

37. Warning signs are needed on each side of the facility at intervals not to exceed 500 feet.

38. The wording on the warning signs needs to be specified.

Sheet 38.

39. A detail is needed of the wooden cover for the transfer structure.

Sheet 39.

40. The transfer structure detail shows that Cell #1 can be by-passed but the flow schematic on Sheet 28 doesn't show this. It should.

ADDITIONAL COMMENTS

41. Applicant should plan on installing at least three monitoring wells, one upgradient and two downgradient of the pond. Downgradient wells should be

placed no more than 30 feet from the dike centerline. Wells should penetrate at least 5 feet into the shallow alluvial aquifer.

42. The wells should be sampled prior to initiation of construction, which will destroy the existing natural seals on the pond bottoms. Samples should be analyzed for the complete suite of Chapter VIII parameters, excluding radioactive constituents.

43. Pertaining to the water well location data submitted last summer by ARIX Engineers, the following wells should be identified on a map or aerial photo:

    A. U.W. 38088, Frank A. Reid, owner

    B. U.W. 35202, Benjamin Leffler

    C. U.W. 40025, A. W. Buck Coggins

44. The radius of interest to the north of the pond site should be extended out to 1/2 mile and all water wells found should be identified on the map. Depth, use and owner should also be provided.

45. How will the existing sludge be moved from the existing ponds to the new stockpile site?

46. The WQD will establish a groundwater monitoring schedule after review of the requested data.

47. The "designated area" for composting the dried sludge needs to be identified in a site plan which will address surface runoff protection and groundwater monitoring; i.e., installation of an interceptor ditch around (above) the site, a runoff collection ditch and a monitoring well installed.

48. The sludge analyses can be twofold as follows:

    A. Performance of the EPA EP (Extraction Procedure) Toxicity test at this time, as well as copper, nickel and zinc.

    B. Percent solids and nutrient analysis (TKN, nitrate-N and phosphate-P) after compost piles have met the 140° F - .5 day requirement.

49. If composted sludge is to be land applied, a land application plan is needed, including intended site, solid analyses, application rate, groundwater levels and analysis, site management. Further, if alternate final sludge disposal is planned, then explain the proposed technique.

50. At this point it appears that ineligible items include:

    A. Sewer jet cleaning equipment, Section 11050.

    B. Only limited landscaping is considered eligible, so please define the extent of proposed tree, shrub and plant placings.

    C. All sewer service lines are ineligible. Service wyes can be placed and plugged in the interceptors as deemed necessary.

D. Spare motor in Section 11240 is not considered an eligible spare part.

E. See previous comments 13 and 27.

51. It appears that a potential problem exists with sole source specifications on the aeration and disinfection equipment. These specifications will not be approved by this office until at least two viable manufacturer's names are provided for each item (not necessarily in specification).

52. Proposed removal of water from the Big Horn River should be cleared with the State Engineer.

53. Please verify that all motors are explosion proof as necessary.

54. General contract related comments include:

A. DEQ will need a signed certification of nonsegregated facilities. Reference specification sheet in place between AB-2 and IB-1.

B. Grant number is actually C560128-94 not -04.

C. Current wage determinations are needed in final approved copy.

D. Certificates clearing all easements on plant site and sewer lines are needed.

E. Please respond to forthcoming COE comments.

F. Please coordinate sign specified in 01500-2 with EPA sign on SGC-24.

9-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-413

J & J MOBILE HOME PARK
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Jessie Dickinson
P.O. Box 726
Gillette, Wyoming 82716

to construct, install, or modify a sewer and water extensions

facility according to the procedures and conditions of the application No. 82-413. The facility is located in Sec. 20, T.50N., R.72W.

in the County of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

September 6, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

9-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/X/ Modified

Permit No. 82-414

Ref. No. 82-331

LAKESIDE SUBDIVISION
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Gillette

P.O. Box 3003

Gillette, Wyoming 82716

to construct, install, or modify a water system modification and sewer line extension

facility according to the procedures and conditions of the application No. 82-414. The facility is located in Sec. 34, T.50N., R.72W.

in the County of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

September 7, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

xc: McDill Engineering
400 W. Boxelder
Gillette, WY 82716

9-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-415R

Evans Mobile Home Park
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Dave Evans

PO Box 1184

Jackson, WY 93001

to construct, install, or modify a water line extension and two home septic systems for a 20 unit expansion of the existing mobile home park facility according to the procedures and conditions of the application No. 82-415R. The facility is located in Sec. 3, T39N, R116W in the County of Teton, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARDAND STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

September 7, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: EVANS MOBILE HOME PARK

ENGINEER: Nelson Engineering
PO Box 1599
Jackson, WY 83001

OWNER: Evans Mobile Home Park
PO Box 1184
Jackson, WY 83001

WATER QUALITY DIVISION REFERENCE NUMBER: 82-415

REVIEWING ENGINEER: Al Berreth

DATE OF REVIEW: August 25, 1982

ACTION: Not authorized.

COMMENTS: Before a permit to construct can be issued, the following items need to be resolved.

1. Water service riser needs a protective concrete collar.

2. Pump cycle time for the system needs to be addressed.

3. The sewage systems need to be permitted under DEQ Water Quality Regulations.

4. It has been found that seepage beds require additional area above that required for standard seepage trench system. As a general rule, we have been asking that bed sizes be increased by 50% over the standard trench system.

cc: Joe Chalfant
Cheyenne DEQ/WQD
File (5)

11-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-416RR

BOYSEN LAKE MARINA
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Bill Weaver
P.O. Box 381
Shoshoni, WY 82644

to construct, install, or modify a sewage collection and disposal facility and a water distribution system for 18 recreational trailer sites facility according to the procedures and conditions of the application No. 82-416RR. The facility is located in Sec. 21, T5N, R6E in the County of Fremont, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND Reg. # 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

November 5, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

FL:dp

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: BOYSEN LAKE MARINA

ENGINEER: J. Roger Miller
Inberg-Miller Engineers
124 East Main St.
Riverton, WY 82501

OWNER: Bill Weaver
Boysen Lake Marina
PO Box 381
Shoshoni, WY 82644

WATER QUALITY DIVISION REFERENCE NUMBER: 82-416

REVIEWING ENGINEER: Francis LaBarge FL

DATE OF REVIEW: August 13, 1982

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a "Permit to Construct" can be authorized, the following points need to be resolved.

Sewage System

1. A septic tank volume of at least 2475 gallons is required.

2. Septic tank details are needed

3. Cleanout details are needed

4. Septic tank inlet and outlet piping must be Schedule 40 PVC for a minimum distance of 5 feet.

5. The proposed sewer risers are unacceptable. It is required that the riser pipe be protected by concrete at the ground surface a minimum of 4 inches thick and 12 inches in diameter and terminate a minimum of 4 inches above natural ground. The riser should be plugged with a water tight cap when not in use. Also, the P-trap in the service lines should be eliminiated.

ABC

6. What is the horizontal separation distance between the water and sewer risers? A minimum separation distance of 5 feet is required.

7. The water line crossing between MH #1 and MH #3 should be added to the sewer line profile.

8. A profile is needed from MH #1 to the septic tanks.

9. How is the flow to be divided between the septic tanks? It is preferred the tanks be installed in series.

10. It is required that there be a 6 foot separation between the leachfield trenches as measured from edge of trench to edge of trench. The proposed leach field has only 3 feet.

11. A minimum of 15 feet must be maintained between the edge of the leach field and the slope break. This distance should be shown on the plans. If it can't be met, the field should be relocated or the area recontoured.

12. The leach field vent pipes should be screened.

Water System

13. A note should be placed on the plans stating the water line will be placed on a uniform grade. If this is not the case, a water line profile is necessary.

14. The proposed water risers are unacceptable. It is required that water risers terminate 4 inches minimum vertical separation above natural ground, be protected by a concrete apron or equal method. Water risers of the single valve, stop and drain type are not acceptable.

15. Are there to be any valves on the system?

16. The specs call for ASTM D1785 water pipe but no pressure class is stated.

17. The water service lines need to be speced as do all valves, corporation stops, etc.

18. The specifications do not include a table showing the required amounts of thrust blocking.

19 The specifications should note that when local conditions prevent a vertical separation of at least 18 inches, the following contruction shall be used:

    a. Sewers passing over or under water mains shall be constructed of materials and with joints that are equivalent to water main standards of construction for a horizontal distance of at least 10 feet on each side of the crossing and shall be pressure tested to assure watertightness prior to backfiling.

b. Water mains passing under sewers shall, in addition, be protected by providing:

(1) a vertical separation of at least 18 inches between the bottom of the sewer and the top of the water main;

(2) adequate structural support for the sewers to prevent excessive deflection of joints and settling on and breaking the water mains;

(3) that the length of water pipe be centered at the point of crossing so that the joints will be equidistant and as far as possible from the sewer.

Please submit the required information and revised plans, in triplicate, to this office. If you have any questions, please call me.

FL:ch

8-26-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-417

NAUGHTON S.E. PLANT ASH POND #1 DECANTING BASIN
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Utah Power & Light
P.O. Box 899
Salt Lake City, UT 84110

to construct, install, or modify a dike extension and culvert addition

facility according to the procedures and conditions of the application No. 82-417. The facility is located in Sec. 33, T21N, R116W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
P.E. # 1479
STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

August 3, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

AB:dp

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

82-417

May 3, 1983

RECEIVED
WATER QUALITY
WYOMING

Utah Power & Light Co.
P. O. Box 899
Salt Lake City, UT 84110

Attention: David Daley

Dear Mr. Daley:

Per our phone conversation today, let me clarify point No. 1 of my April 25, 1983 letter to you. We realize the diversion will need to be used from time to time when the Upper Pond needs to be cleaned and that the diversion disturbance will remain when the diversion is not in use.

I hope this suitably clarifies the point.

Should you have further questions, please call.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:dcn
cc: Cheyenne DEQ/WQD
File (4)

82-417

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

April 25, 1983

Utah Power & Light Co.
P. O. Box 899
Salt Lake City, UT 84110

Attention: David Daley

Dear Mr. Daley:

In reference to your April 6, 1983 letter which addresses relocation of Ash Pond #1's inlet to the Decanting Basin, the Department has no problem with this arrangement provided that the following apply:

1. The diversion will be temporary.

2. Any breaching of the diversion channel will be caught by the Upper Pond or Decanting Basin.

3. The fly ash, which is removed from the Upper Pond, is hauled to an authorized disposal site.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:dcn
cc: Cheyenne DEQ/WQD with drawing
File (4)

82-418

CENTENNIAL ENGINEERING & RESEARCH, INC.

Civil Engineers and Planners

SHERIDAN, WYOMING 82801

JEROME M. MARK
THOMAS L. BARKER

237 NORTH MAIN
SUITE 1
307-672-5456

SEP 1983
RECEIVED
WATER QUALITY
DIVISION
WYOMING

Tom Mueller
Department of Environmental Quality
Water Quality Division
2161 Coffeen Ave., Suite 301
Sheridan, WY 82801

RE: Horton Water Treatment System

September 19, 1983

Dear Tom:

About one year ago Centennial Engineering submitted an application to construct the Hortcn Water Treatment System.

On behalf of the Horton Ranch, I am requesting that this application be withdrawn from further consideration.

Sincerely,

Tom

Thomas L. Barker

xc: Horton Ranch

TLB/bl

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
2161 COFFEEN AVE., SUITE 301
SHERIDAN, WYOMING 82801

PROJECT:	Horton Water System (HF Bar Ranch)
ARCHITECT OR ENGINEER:	Thomas L. Barker Centennial Engineering 237 North Main Sheridan, Wyoming 82801
WATER QUALITY DIVISION REFERENCE NUMBER:	82-418
REVIEWING ENGINEER:	Rich Ruyle
DATE OF REVIEW:	September 13, 1982
ACTION:	Not Authorized

COMMENTS:

1. If gas chlorination is used, forced ventilation that provides one air change per minute is needed in the chlorine room. There should also be an inspection window in the wall of the chlorine room.

   If the chlorination system is to be changed, submit the modification.

2. Can you provide some calculations to show the anticipated flow rate by gravity to the filters? It appears it will be greater than 60 gpm. An influent rate controller may be needed.

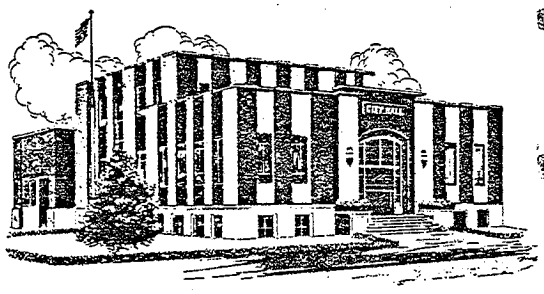
3. I believe a washwater regulator and a flow meter would be wise on the backwash line to ensure the correct rate of backwash. (The backwash pump is said to deliver 120 gpm in Section 14.03. This does not agree with the 240 gpm in Section 14.07.)

4. What is the anticipated demand on the supply system? The storage tank volume should be equal to average daily demand and the chlorine contact time should be at least two hours.

5. A lab analysis of the raw water should be submitted to this office when available.

6. The water system will require a certified operator. You can contact Maggie Davison in Cheyenne for details (777-7093).

   EPA should be contacted to be on their monitoring program (303-837-2731).



City of Rawlins Wyoming

RECEIVED
AUG 10 1982
WATER QUALITY DIVISION
WYOMING

82-419

August 9, 1982

DEQ
1111 East Lincolnway
Cheyenne, Wyoming 82002

Attention: Mr. Thomas S. Norman

Re: Sewer Extension

Dear Mr. Norman:

The City of Rawlins uses the Wyoming Public Works Standard Specifications for all water and sewer line installations. Any changes, modifications or other facts needed for construction are called out in the Special Provisions.

If you have any questions please feel free to call this office. Thank you.

Sincerely,

Gene R. Dickinson
Engineering Technician III

cc: File
DEQ Reviewing Engineer - Airport Rd & Portion of Murray St. - 82-421
DEQ Reviewing Engineer - 1982 Rawlins Water Main Improvements 82-420
DEQ Reviewing Engineer - Daley St. Sewer - 82-438

82-419

P.O. Box 953 • Rawlins, Wyoming 82301

8-27-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-419R

Murray St. & Airport Road Sewer Extensions
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct, install, or modify a municipal wastewater collection facility according to the procedures and conditions of the application No. 82-419R. The facility is located in Section 15, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARRARD
STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

August 18, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: James H. Carney
City Engineer
P.O. Box 953
Rawlins, WY 82301

8-6-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: City of Rawlins - Sewer Extension

ARCHITECT OR ENGINEER: James H. Carney, City Engineer
P. O. Box 953, Rawlins, WY 82301

APPLICANT: City of Rawlins

WATER QUALITY DIVISION REFERENCE NUMBER: 82-419

REVIEWING ENGINEER: Thomas S. Norman Thomas S. Norman

DATE OF REVIEW: August 5, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. Specifications were not submitted which describe the pipe type and class, installation, and construction procedures, manhole details, testing requirements, etc.

RECEIVED
AUG 1 0 1982
WATER QUALITY DIVISION
WYOMING

City of Rawlins Wyoming

82-420

August 9, 1982

DEQ
1111 East Lincolnway
Cheyenne, Wyoming 82002

Attention: Mr. Thomas S. Norman

Re: Sewer Extension

Dear Mr. Norman:

The City of Rawlins uses the Wyoming Public Works Standard Specifications for all water and sewer line installations. Any changes, modifications or other facts needed for construction are called out in the Special Provisions.

If you have any questions please feel free to call this office. Thank you.

Sincerely,

Gene R. Dickinson
Engineering Technician III

cc: File
DEQ Reviewing Engineer - Airport Rd & Portion of Murray St. - 82-421
DEQ Reviewing Engineer - 1982 Rawlins Water Main Improvements 82-420
DEQ Reviewing Engineer - Daley St. Sewer - 82-438

82-419

P.O. Box 953 • Rawlins, Wyoming 82301

8-27-82

PERMIT TO CONSTRUCT

/X/ New

Permit No. 82-420

/ / Renewal

/ / Modified

1982 Rawlins Water Main Improvements
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct, install, or modify a municipal water distribution system facility according to the procedures and conditions of the application No. 82-420. The facility is located in Section 16, 17, 20, 21, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
P.E. 1979
STATE OF WYOMING

Administrator
Water Quality Division

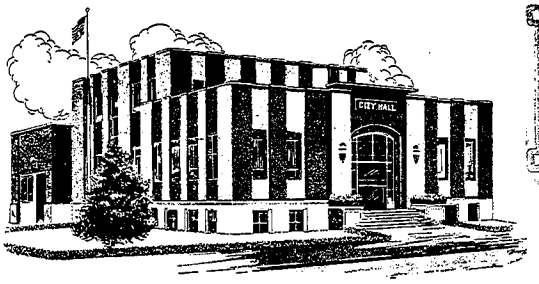
August 18, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: Rex Behrends
RJS
P.O. Box 1104
Rawlins, WY 82301



City of Rawlins Wyoming

RECEIVED
AUG 10 1982
WATER QUALITY DIVISION
WYOMING

82-421

August 9, 1982

DEQ
1111 East Lincolnway
Cheyenne, Wyoming 82002

Attention: Mr. Thomas S. Norman

Re: Sewer Extension

Dear Mr. Norman:

The City of Rawlins uses the Wyoming Public Works Standard Specifications for all water and sewer line installations. Any changes, modifications or other facts needed for construction are called out in the Special Provisions.

If you have any questions please feel free to call this office. Thank you.

Sincerely,

Gene R. Dickinson
Engineering Technician III

cc: File
DEQ Reviewing Engineer - Airport Rd & Portion of Murray St. - 82-421
DEQ Reviewing Engineer - 1982 Rawlins Water Main Improvements 82-420
DEQ Reviewing Engineer - Daley St. Sewer - 82-438

82-419

P.O. Box 953 • Rawlins, Wyoming 82301

8-27-52

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-421

Airport Road & Portion of Murray Street
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct, install, or modify a municipal water distribution and wastewater collection facility according to the procedures and conditions of the application No. 82-421. The facility is located in Section 15, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. CARLAND #1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 18, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

cc: Rex Behrends
RJS
P.O. Box 1104
Rawlins, WY 82301

3-2-83

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-422RR
EPA C560140-02
SEE SPECIAL CONDITION

Douglas Wastewater Treatment Plant
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Douglas

130 South Third

Douglas, WY 82633

to construct, install, or modify a municipal wastewater treatment (aerated stabilization pond and ancillary equipment) facility according to the procedures and conditions of the application No. 82-422RR. The facility is located in Section 17, T32N, R71W in the County of Converse, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 1111 East Lincoln Way, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

February 25, 1983
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

Condition to Permit to Construct

The applicant shall perform the following groundwater monitoring requirements:

A. Establish baseline groundwater quality data by analyzing four samples from each well for the indicator parameters. An interval of one month shall be maintained between the collection of the groundwater samples. After the establishment of the baseline data, sampling shall continue on a quarterly basis.

B. Each well shall be field tested for pH, temperature, and static water levels. Field notes shall be kept on sampling procedures, well conditions and any unusual conditions such as odor, color, foreign particles, etc. Each well shall also be laboratory tested for nitrates, copper, chemical oxygen demand (COD), and total dissolved solids.

C. The above data shall be submitted to the following address within 30 days after sampling: LeRoy Feusner, Department of Environmental Quality, Water Quality Division, 1111 East Lincolnway, Cheyenne, WY 82002. An annual report shall also be submitted to DEQ which delineates the yearly data in graphical form of data versus time.

D. The above groundwater monitoring requirements shall be incorporated into the operation and maintenance manual.

cc: Jack W. Keller, Black & Veatch, 12075 E. 45th Ave., Suite 400, Denver, CO 80239

12-10-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Town of Douglas, Wastewater Treatment Plant, Converse Co.

ARCHITECT OR ENGINEER: Gary Shimp, Black & Veatch
12075 East 45th Ave., Denver, CO 80239

APPLICANT: Town of Douglas
130 So. 3rd St., Douglas, WY 82633

WATER QUALITY DIVISION REFERENCE NUMBER: 82-422R (EPA C560140-02)

REVIEWING ENGINEER: Ed Baruth, Tom Norman

DATE OF REVIEW: December 7, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

Please address the following comments, prior to forwarding final plans and specifications:

1. Strongly consider adding a requirement to construct groundwater monitoring wells before land application of sludge is scheduled. (Section 2B-1)

2. On BF-4, would a deduct provision for combination of Sections I, II and III be reasonable?

3. The Women's Business Enterprise (WBE) goal should be included in the "Invitation to Bid". This goal is 2% nation wide. Further, the MBE goal is 2-3%.

4. In Wyoming we are now requesting individual wage determinations from the Federal Dept. of Labor in Washington. Please contact our office approximately 30 days before the projected advertisement for bid to arrange this item.

5. Our review did not turn up a provision for liquidated damages. Please address this matter.

6. The new EPA boiler plate is now available and has been forwarded to your consultant. This should be included in the bid documents.

7. The permit to construct will include provisions for monitoring groundwater, both during construction and as general operating procedure.

8. When the above is adequately addressed please forward six sets of plans and specifications for our approval and processing.

9-10-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Town of Douglas, Wastewater Treatment Plant, Converse Co.

ARCHITECT OR ENGINEER: Gary Shimp, Black & Veatch
12075 East 45th Ave., Denver, CO 80239

APPLICANT: Town of Douglas
130 So. 3rd Street, Douglas, WY 82633

WATER QUALITY DIVISION REFERENCE NUMBER: 82-422 (EPA C560140-02)

REVIEWING ENGINEER: Ed Baruth, Tom Norman

DATE OF REVIEW: September 8, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

After reviewing the aforementioned project, we offer the following comments for your consideration prior to processing the necessary permit:

1. The enclosed "Application for Permit to Construct" form needs to be completed, signed by the owner or his agent, and submitted to DEQ/WQD before a permit can be issued.

2. Plans and specifications need to be signed by a professional engineer registered to practice in the State of Wyoming.

3. Warning signs around the lagoon site are needed.

4. Please complete the design data in Section 11J (Disinfection System).

5. In order to evaluate the proposed groundwater monitoring proposal the following should be submitted:

   a. Information on existing groundwater quality, groundwater levels and soils data for DEQ examination.

   b. An indication if any wells are to be up gradient.

   c. Reasoning why the wells are "clustered".

   d. Clarification of the coordinate system on page 23 of 43 (North-South). Also, could the well locations be called out on sheets 4, 5, & 6?

   e. Documentation why the large diameter stainless steel casing is being used. Further please provide provisions to lock the caps on the wells.

   f. Please indicate in the future Operations & Maintenance Manual procedures for quarterly sampling of the groundwater.

6. On the screw pumps please consider the following:

   a. Screw pumps have a tendency to buckle in direct sunlight when not in use due to heat expansion. Could provisions be initiated to prevent this?

   b. Could the raw pump station building be eliminated, if just pump motors and a weather proof refrigerated sampler are planned to be enclosed?

   c. Please indicate why standby power has not been included for the screw pumps.

7. Please make the soils data available to both DEQ and all prospective bidders. This is most easily accomplished by including this information in the bidding documents.

8. The electric gate and opening system, Section 2N, will not be eligible for EPA funding.

9. Please verify what the effluent building will house. Could this building possibly be deleted?

10. Please verify why a refrigerated composite sampler is needed on the influent line.

11. On the sludge disposal plan, please consider the following:

    a. DEQ needs your rationale for determining the application rate of 50 dry tons/acre of sludge.

    b. A quality analysis of existing groundwater, sludge from both lagoons, and proposed irrigation water is needed. Further we suggest that monitoring wells in the proximity of the 2.8 acre irrigation be installed prior to water application.

12. Concerning the federal contract document sections:

    a. MBE, WBE, minority work force, and women work force goals need to be inserted. Also WBE references and regulation need to be included. (See attached.)

    b. Approximately 30 days prior to anticipated bid advertisement, this office should be contacted to arrange for a special wage rate determination for this project.

    c. Contract time (as you have noted) needs to be inserted.

    d. Please certify that the Black & Veatch general conditions include all provisions provided in the EPA general conditions.

    e. Estimated quantities should be inserted in Section III of the Bid Form.

    f. Wording in Sections 11A and 11B (especially) appear proprietary. An "or equal" inclusion is suggested.

    g. Pages 21-38, 40-48, 49-63, etc., of the general EPA materials bound in specification will need to be reconsidered in light of the Construction Grant Amendments of 1981 PL 97-117. See attached.

13. Page 110-4 indicates 3 screw pump flights. Future expansion (beyond 20 year) provisions are not grant eligible.

14. Page 2P-1 indicates pavement replacement to be better than that originally in place to be placed. This is not grant eligible.

15. Experience indicates that a large percent of PVC liners leak due to construction efforts. We suggest at a minimum that precautions be specified to prevent heavy equipment on the material during covering.

16. Any additional comments raised by the Corp of Engineers in their B&C review must be satisfactorily addressed.

Attachments

8-27-82

PERMIT TO CONSTRUCT

/X/ New

Permit No. 82-423

/ / Renewal

/ / Modified

Albin Sewer and Water Main Improvements
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Albin

P.O. Box 205

Albin, WY 82050

to construct, install, or modify a sewer main and potable water main facility according to the procedures and conditions of the application No. 82-423. The facility is located in Section 29, T17N, R60W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM GARLAND STATE OF WYOMING

Administrator
Water Quality Division

August 18, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: James D. Voeller
AVI, P.C.
7300 Yellowstone Rd.
Cheyenne, WY 82009

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

November 16, 1982

Lincoln Co. Weed and Pest Control
Route #1
Afton, WY 83110

RE: "As Built" Small Wastewater Facility (Permit No. 82-424R)

Dear Mr. Nield:

This letter is in response to the above mentioned facility. After reviewing the revised plans, they appear to meet the minimum design standards for the State of Wyoming. A "Permit to Construct" cannot be issued owing to the fact that the facility has already been built. Please retain this letter as verification that the facility has been accepted by the Wyoming Department of Environmental Quality.

Sincerely,

Jack Bedessem

Jack Bedessem
Water Quality Evaluator
Southwest District

JB:ch

cc: Cheyenne DEQ/WQD
Ross Turner
Carolyn Nield
File (5)

Che

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Lincoln County Weed and Pest Wastewater Treatment Facility

ENGINEER: Dex Gardner
Route #1
Afton, WY 83110

OWNER: Lincoln County Weed and Pest
61 East 5th Avenue
Afton, WY 83110

RECEIVED
AUG 1 2 1982
WATER QUALITY DIVISION
WYOMING

WATER QUALITY DIVISION REFERENCE NUMBER: 82-424

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: August 17, 1982

ACTION: Not authorized.

COMMENTS: An initial review of your plans and specifications has been made. Before the review can be completed and a "Permit to Construct" issued, the following points need to be resolved or addressed:

1. Wyoming Water Quality Rules and Regulations requires that plans and specifications for any wastewater treatment facility, other than for a single family residence, must be signed by a Wyoming registered professional engineer.

2. Information is needed as to how the septic tank and leach field were sized.

3. The following distances are needed on the plan sheet:
   a. Septic tank to property lines.
   b. Leach field to property lines.

4. More information is needed as to the ground water depth. If the well is developed, check the static water level. Systems must be at least 4 feet above the seasonal high ground water table.

Please submit the required information and revised drawings in triplicate to this office. Upon reciept of a satisfactory reply, the review will be completed and a "Permit to Construct" issued. If you have any questions please call me. Your cooperation is appreciated.

AC

9-15-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-425R

NGPL - Canyon Compression Co. - C.S. 530
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

NGPL - Canyon Compression Co.

122 S. Michigan Ave.

Chicago, IL 60603

to construct, install, or modify a

septic tank and drainfield

facility according to the procedures and conditions of the application No. 82-425R. The facility is located in

Sec. 16, T17N, R119W

in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND # 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

September 2, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

AJB:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 Lincoln
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: NGPL - CANYON COMPRESSION CO.

ENGINEER: R.G. Landers
Natural Gas Pipeline Co. of America
122 S. Michigan Avenue
Chicago, IL 60603

OWNER: R.G. Landers
Natural Gas Pipeline Co. of America
122 S. Michigan Avenue
Chicago, IL 60603

WATER QUALITY DIVISION REFERENCE NUMBER: 82-425

REVIEWING ENGINEER: Al Berreth

DATE OF REVIEW: August 26, 1982

ACTION: Not authorized.

COMMENTS: Before a permit can be issued the following items need to be addressed:

1. Six feet of clear space is needed between trenches.

2. The untreated building paper needs to be placed on the trench gravel.

3. Sch 40 PVC or CI pipe needs to be used 5 feet before and after the septic tank.

I am enclosing a copy of "Chapter III, Wyoming Water Quality Rules and Regulations" for your information.

AB:dp

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

September 15, 1982

CERTIFIED MAIL

Heitzman Drill Site Service
PO Box 2361
Casper, WY 82602

RE: 82-426, As-Built Plans for Energetics, Inc.

Dear Mr. Anderson:

The as-builts submitted illustrate that the wastewater disposal system is far below minimum state requirements. It will, therefore, be necessary to abandon the system or modify it to conform to minimum state standards.

Because you are in violation of Wyoming Statutes, it is important that a decision be made as soon as possible. Please inform us of your intentions by October 1, 1982 as we expect that any modifications to be made will be done this year.

Should you have questions, please contact me.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: Cheyenne DEQ/WQD
Rio Verde Eng.
File (4)

ABC

Norma

HEITZMAN DRILL-SITE SERVICES

DALE HEITZMAN
Robert M. Anderson

RECEIVED
SEP 29 1982
WATER QUALITY DIVISION

RECEIVED
SEP 1982
WATER QUALITY DIVISION
WYOMING

September 24, 1982

Mr. Albert J. Berreth
Wyoming Department of Environmental Quality
Water Quality Division
210 Lincoln Street
Lander, Wyoming 82520

82-426

Re: Septic System on Energetics, Inc.
27-Man Camp, 20-20 Federal
NE¼ Section 20, T27N, R111W
Sublette County, Wyoming
Your Ref. No.: 82-426

Dear Mr. Berreth:

Due to current economic conditions in the oil and gas industry, Energetics, Inc. plans to abandon and dismantle the above-referenced camp as it is no longer required for our operations in this area. This camp has been inactive since the middle of August and will be removed shortly along with all attendant facilities.

If you should have any questions or require any additional information, please feel free to contact us.

Sincerely,

R. M. Anderson SH.

Robert M. Anderson
Agent

RMA:cs

SUITE 107-OVERLAND PLAZA, BOX 2361, CASPER, WY 82602 (307) 266-4840

THE STATE OF WYOMING

Norma

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

October 1, 1982

Keith E. McNinch, P.E.
Surveyor Scherbel, LTD
Box 96
Big Piney, WY 83113

RE: Sunny Slope Subdivision Water Supply, 82-427

Dear Mr. McNinch:

Per your verbal request on August 23, 1982, the application for a "Permit to Construct" the above referenced subdivision has been withdrawn from our records. As I informed you, a permit is not needed until the water supply system has twenty or more service connections. Should the need for a permit arise in the future, we will require additional information on water quality, system adequacy, and spring capacity and quality.

Enclosed are two of your copies. The third must be kept on file as a record.

Please be advised that your system is defined as public by the EPA and you must comply with their regulations. The EPA office is in Denver at telephone 303/837-2731.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: EPA Denver
Cheyenne DEQ/WQD
File (3)

Norma

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

October 1, 1982

RECEIVED
DEC 3 1982
WATER QUALITY DIVISION
WYOMING

Keith E. McNinch, P.E.
Surveyor Scherbel, LTD
Box 96
Big Piney, WY 83113

RE: Sunny Slope Subdivision Water Supply, 82-427

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Please be advised that your system is defined as public by the EPA and you must comply with their regulations. The EPA office is in Denver at telephone 303/837-2731.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: EPA Denver
Cheyenne DEQ/WQD
File (3)

82-428R

MEMORANDUM

TO: Norma Coulson, Larry Robinson

FROM: Jack Bedessem JB

SUBJECT: Uinta Ready Mix Washwater Disposal Pond 82-428R, Uinta County, Wyoming

DATED: May 19, 1986

RECEIVED
MAY 21 1986
WATER QUALITY DIVISION
WYOMING

On August 5, 1982 Jim Devereaux (Cornelius Development) submitted an application for "Permit to Construct" a washwater disposal pond in Section 8, T15N, R120W of Uinta County, Wyoming. Subsequent reviews of the plans were done on September 15, 1982 and January 24, 1983.

On January 9, 1986 a status request was sent concerning the above mentioned facility. A response to the request, received January 17, 1986 indicated that the facility has been shut down.

On May 14, 1986, I inspected the facility which is located in Sunset Industrial Park, Evanston, Wyoming. It appeared that the Uinta Ready Mix Facility had been shut down for quite some time. No pond(s) were observed on-site.

This office has no application or plans on record for this project. It is therefore requested that application for "Permit to Construct" 82-428R be cancelled and removed from status list. If you have any questions please feel free to contact me.

JB/jw
cc: Running Record
Chrono

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

January 9, 1986

Jim Deveraux
Cornelius Development
P.O. Box 186
American Fork, UT 84003

Dear Mr. Deveraux:

Our records indicate your application for a permit to construct has not been resubmitted to this office for review and authorization. The specific information for your proposed project is:

Facility Name: Uinta Ready-Mix Wash Pond

DEQ/WQD Reference Number: 82-428R

Engineering Consultant: Jim Deveraux

DEQ/WQD Review Engineer: Jack Bedessem/Bill Locke

Date of DEQ/WQD Review: 1-24-83

Please indicate below the status of this project 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 thirty (30) days.

_____ The facility has been constructed, or is under construction. As built construction plans and specifications will be submitted within thirty (30) days.

_____ Other Remarks: _____

You are reminded that the construction, installation, or modification of any sewage 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 Statutes, and is punishable with a fine not to exceed $10,000 for each day of violation. Unless the Water Quality Division review engineer receives information concerning the status of this project within fifteen (15) days of the receipt of this letter, follow-up action will be taken.

Sincerely,

Bill Locke

Bill Locke, P.E.
Water Quality Engineer

BL/jw

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

September 15, 1982

Mr. Jim Deveraux
Cornelius Investment and Development Corp.
P.O. Box 186
American Fork, UT 84003

Re: 82-428, Uinta Ready-Mix Wash Pond

Dear Mr. Deveraux:

Thank you for your patience in my taking so long to respond to your July 30 letter.

Some additional information is needed prior to issuing the Permit to Construct for the Wash-out Pond. An area site plan is needed which shows that runoff is diverted around the pond except for sediment from the topsoil pile. Pond details, including depth, dimensions, compaction requirements, fencing etc, need to be submitted. If the pond is not lined, depth of seasonal high groundwater, groundwater quality, pond water quality, and soil permeability need to be submitted.

In addition some rational for pond sizing and discussion of action to be taken if the pond becomes full needs to be provided.

Please contact me if you have questions.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:cam

cc: Cheyenne DEQ/WQD
Marion Yoder
File(4)

12-1-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-429R

Irick Subdivision
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Judy K. Irick
c/o Carlton & Carlton
748 Lombard St.

Evanston, WY 82930

to construct, install, or modify a 2" water distribution system to 5 of 7 lots in the Irick Subdivision facility according to the procedures and conditions of the application No. 82-429R. The facility is located in Sec. 24, T16N, R115W in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND 1473 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDEEN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

November 18, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

AB:ch

9-16-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-430

SEE CONDITIONS

PARADISE RANCH SANITARY SEWER SYSTEM
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Ucross Land Company
c/o Vinal C. Francis
Francis-Meador-Gellhaus, Inc.
1823 West Main
Rapid City, South Dakota 57701

to construct, install, or modify a sewer collection and septic disposal system

facility according to the procedures and conditions of the application No. 82-430. The facility is located in Sec. 34, T.51N., R.81W.

in the County of Johnson, in the State of Wyoming. This permit shall be effective for a period of four (4) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND P.E. # 1479 STATE OF WYOMING

William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Dept. of Environmental Quality

September 13, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

CONDITIONS

1. Design and construction of the septic tank must comply with Wyoming Water Quality Rules and Regulations, Chapter III, as regards access, inlet, outlet, baffling, compartments and depth.

2. Ends of the leach lines shall be connected together by additional pipe.

9-7-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-431R

Guernsey Rest Area
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

WY Highway Dept.

P.O. Box 1708

Cheyenne, WY 82002-9019

to construct, install, or modify a state subsurface wastewater disposal facility according to the procedures and conditions of the application No. 82-431R. The facility is located in Section 6, T26N, R65W in the County of Platte, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

William L. Garland
Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Robert E. Sundin
Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: Howard Guill
WY Highway Dept.
P.O. Box 1708
Cheyenne, WY 82002-9019

8-11-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Guernsey Rest Area, Platte Co.

ARCHITECT OR ENGINEER: Howard Guill, WY Highway Dept.
P.O. Box 1708, Cheyenne, WY 82002-9019

APPLICANT: WY Highway Dept.
P.O. Box 1708, Cheyenne, WY 82002-9019

WATER QUALITY DIVISION REFERENCE NUMBER: 82-431

REVIEWING ENGINEER: Thomas S. Norman Thomas S. Norman

DATE OF REVIEW: August 11, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The application rate of 1.6 gallons/sq. ft. is high. Recent EPA references suggest a rate of 0.8 gallons/sq. ft.

2. The minimum depth of stone under the pipe varies from 6-inches in the specs to 8-inches on the plans. The large depth of stone over the pipe is not very beneficial as the drain pipe would have to be surcharged in order to use this area. We suggest a minimum of two inches.

3. The trench width is proposed to be a maximum of two feet. A minimum width is required for design and review purposes.

TN/nc

Enclosure: Copy of On-site Manual Pages

12-1-82

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

1111 EAST LINCOLNWAY CHEYENNE, WYOMING 82002 TELEPHONE 307 777-7781

November 24, 1982

Honorable George Benninghoven
Town of Yoder
P.O. Box 86
Yoder, WY 82244

RE: As Built Plans, Yoder Sewage Lagoon, WQD Project No. 82-432R

Dear Major Benninghoven:

The as built plans for the new sewage lagoon influent pipe are hereby accepted as being in compliance with the Water Quality Division's rules and regulations.

Since only one set of plans was submitted, we are retaining it for our records. If you have any questions, please feel free to contact me.

Very truly yours,

Theodore D. Coyer

Theodore D. Coyer, P.E.
Water Quality Engineer

TDC/nc

cc: Wells Engineers, Inc.
1415 11th St.
Gering, NE 69341

8-19-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Yoder Lagoon, Goshen Co.

ARCHITECT OR ENGINEER: Charles A. Haas, P.E., Wells Engineer, Inc.
1415 11th Street, Gering, NE 69341

APPLICANT: Town of Yoder
P.O. Box 86, Yoder, WY 82244

WATER QUALITY DIVISION REFERENCE NUMBER: 82-432

REVIEWING ENGINEER: Theodore D. Coyer, P.E. Theodore D. Coyer

DATE OF REVIEW: August 18, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

The attached application must be completed and returned to us before our review of the plans can be completed. Also, a second set of the plans should be submitted.

8-27-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-433
Ref.No. 82-325

Casper College Water & Sewer Extensions
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Casper College

125 College Drive

Casper, WY 82601

to construct, install, or modify a public water supply distribution and wastewater collection systems facility according to the procedures and conditions of the application No. 82-433. The facility is located in Section 16, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 18, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: Harry Patterson
Patterson, Weber & Associates
437 South Spruce
Casper, WY 82601

8-26-82

PERMIT TO CONSTRUCT

/X/ New

/__/ Renewal

/__/ Modified

Permit No. 82-434

Sweetbrier Townhouses
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Casper Board of Public Utilities

200 N. David

Casper, WY 82601

to construct, install, or modify a municipal water and sewer main extension facility according to the procedures and conditions of the application No. 82-434. The facility is located in Lot 2, Tri-View Addition, Section 19, T33N, R79W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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

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AUTHORIZED BY:

Administrator
Water Quality Division

August 11, 1982
Date of Issuance

Director
Dept. of Environmental Quality

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

cc: Charles K. Wolz
Wolz & Associates
933 W. 14th, Suite 1
Casper, WY 82601

8-26-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-435
SEE SPECIAL CONDITION

Karst Rentals
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Larson Construction

P.O. Box 1527

Mills, WY 82644

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 82-435. The facility is located in NE1/4 NE1/4 Section 28, T34N, R80W in the County of Natrona, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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

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AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM D. GARLAND E.I. # 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 11, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: Detmer R. Knapp
Knapp & Associates
P.O. Box 9859
Casper, WY 82609

Condition to Permit to Construct

The intent of the construction authorized by this permit is to provide facilities for the interim treatment of wastewater until such time that treatment is available through a regional wastewater system. The Casper Urban Water Quality Management Plan requires that treatment be provided through a regional system. The facilities authorized by this permit will be operated until services are available through the approved regional system. At that time these facilities will be abandoned or integrated into the regional system in accordance with the requirements of the Casper Urban Water Quality Management Plan and the Final 201 Facility Plan.

10-6-82

PERMIT TO CONSTRUCT

/ / New

/ / Renewal

/X/ Modified

Permit No. 82-437R

URIE-LYMAN SEWER LINE
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Uinta Co. School District No. 6

Round Building School

Lyman, WY 82937

to construct, install, or modify a Sewerline extension

facility according to the procedures and conditions of the application No. 82-437R. The facility is located in

Sec. 36, T16N, R115W

in the County of Uinta, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

September 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

AB:dp

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 Lincoln
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: Urie-Lyman Sewer

ENGINEER: Rocky Mt. Eng. & Surv.
PO Box 805
Evanston, WY 82930

OWNER:

WATER QUALITY DIVISION REFERENCE NUMBER: 82-437

REVIEWING ENGINEER: Al Berreth

DATE OF REVIEW: August 24, 1982

ACTION: Not authorized.

COMMENTS: The planned modifications are such that a modified permit to construct is required. Modifications shown on the submitted prints are acceptable. However, in order to issue the modified permit, 3 sets of stamped or signed prints and an application are needed.

A

RECEIVED
AUG 1 0 1982
WATER QUALITY DIVISION
WYOMING

City of Rawlins Wyoming

82-438

August 9, 1982

DEQ
1111 East Lincolnway
Cheyenne, Wyoming 82002

Attention: Mr. Thomas S. Norman

Re: Sewer Extension

Dear Mr. Norman:

The City of Rawlins uses the Wyoming Public Works Standard Specifications for all water and sewer line installations. Any changes, modifications or other facts needed for construction are called out in the Special Provisions.

If you have any questions please feel free to call this office. Thank you.

Sincerely,

Gene R. Dickinson
Engineering Technician III

cc: File
DEQ Reviewing Engineer - Airport Rd & Portion of Murray St. - 82-421
DEQ Reviewing Engineer - 1982 Rawlins Water Main Improvements 82-420
DEQ Reviewing Engineer - Daley St. Sewer - 82-438

82-419

P.O. Box 953 • Rawlins, Wyoming 82301

8-26-82

PERMIT TO CONSTRUCT

/X/ New

Permit No. 82-438

/ / Renewal

/ / Modified

Daley Street Sewer
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Rawlins

P.O. Box 953

Rawlins, WY 82301

to construct, install, or modify a sewer collection line facility according to the procedures and conditions of the application No. 82-438. The facility is located in Daley Street, Section 15, T21N, R87W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER WYOMING R.E. #1479 STATE OF WYOMING

Administrator
Water Quality Division

Director
Dept. of Environmental Quality

August 12, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

cc: Rex Behrends
Robert Jack Smith & Assoc.
P.O. Box 1104
Rawlins, WY 82301

9-7-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-439R

Federal Clubhouse
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Thomas Lacy

Box 148, Iron Mtn. Route

Federal, WY 82009

to construct, install, or modify a commercial subsurface wastewater disposal facility according to the procedures and conditions of the application No. 82-439R. The facility is located in Section 16, T15N, R69W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

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AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND NO. 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: Jim Voeller
AVI Engineering
7300 Yellowstone Rd.
Cheyenne, WY 82009

8-16-82

Review of Plans and Specifications

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY
WATER QUALITY DIVISION
1111 East Lincolnway
Cheyenne, Wyoming 82002

PROJECT: Federal Clubhouse, Laramie Co.

ARCHITECT OR ENGINEER: Jim Voeller, AVI Engineering
7300 Yellowstone Rd., Cheyenne, WY 82009

APPLICANT: Thomas Lacy, Box 148, Iron Mtn. Route
Federal, WY 82009

WATER QUALITY DIVISION REFERENCE NUMBER: 82-439

REVIEWING ENGINEER: Thomas S. Norman Thomas S. Norman

DATE OF REVIEW: August 16, 1982

ACTION: NOT AUTHORIZED FOR CONSTRUCTION

COMMENTS:

1. The proposed application rate is too high. A recent EPA reference (attached) recommends an application rate of 0.45 gallons/square foot.

2. The depth to the seasonally high groundwater table was not shown.

3. The distances to property lines from the drain field was not shown.

TSN/nc

Attachment

9-3-82

PERMIT TO CONSTRUCT

/ x/ New

/ / Renewal

/ / Modified

Permit No. 82-440R

Dresser Septic System
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

George C. Reesy

PO Box 1706

Cody, WY 82414

to construct, install, or modify a

septic tank - leach field

facility according to the procedures and conditions of the application No. 82-440R. The facility is located in

Sec. 8, T52N, R101W

in the County of Park, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND NO. 1439 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 23, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION

LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: DRESSER SEPTIC SYSTEM

ENGINEER: Roy Holm
Holm, Blough & Company
P.O. Box 1748
Cody, WY 82414

OWNER: George Reesy
P.O. Box 1706
Cody, WY 82414

WATER QUALITY DIVISION REFERENCE NUMBER: 82-440

REVIEWING ENGINEER: Francis LaBarge

DATE OF REVIEW: August 13, 1982

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a "Permit to Construct" can be authorized the following points need to be resolved:

1. Three sets of plans are required.

2. The plans need to be signed or stamped by the engineer.

3. The depth to the highest known groundwater or impervious layer needs to be provided.

4. Are there any waterways with in 50 feet of the proposed disposal system?

5. The application must also include a Leach Field Disposal Field Detail Sheet.

Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

FL:dp

ABC

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

November 9, 1982

Mr. Robert L. Svendsen, P.E.
Senior Water Systems Eng.
Pacific Power & Light, Co.
920 S.W. Sixth Ave.
Portland, OR 97204

RE: "96-ft. Diameter Contact Basin," 82-441

Dear Mr. Svendsen:

The steel details for the referenced project have been received and are being authorized along with the original permit. This submittal fulfills your permit condition.

One copy is being returned to you for your records.

Respectfully,

Albert J. Berreth

Albert J. Berreth
Area III Supervisor

AJB:ch

cc: Cheyenne DEQ/WQD
File (3)

10-5-82

PERMIT TO CONSTRUCT

/x/ New

/ / Renewal

/ / Modified

Permit No. 82-441

CONDITION OF PERMIT

~~Green River Water Treatment Plant-96' Dia. Contact Basin~~
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Pacific Power & Light Co.
920 S.W. Sixth Ave.
Portland, OR 97204

to construct, install, or modify a 96 foot diameter contact basin to replace existing flat-bottomed settling tanks facility according to the procedures and conditions of the application No. 82-441. The facility is located in Sec. 22, T18N, R107W in the County of Sweetwater, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND # 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

September 16, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

CONDITION OF PERMIT

Detailed drawings and specifications for the steel shell must be submitted for review when finalized with the fabrication contractor.

AJB;ch

9-24-82

PERMIT TO CONSTRUCT

/X/ New

/__/ Renewal

/__/ Modified

Permit No. 82-442

LOT 27 OF RESUBDIVISION OF TRACT C, SUTHERLAND
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Gillette
P.O. Box 3003
Gillette, Wyoming 82716

to construct, install, or modify a water and sewer extensions

facility according to the procedures and conditions of the application No. 82-442. The facility is located in Sec. 33, T.50N., R.72W.

in the County of Campbell, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming, 82801; telephone 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND No. 1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

September 15, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

xc: Mike McDill
400 W. Boxelder Road
Gillette, WY 82716

8-26-82

PERMIT TO CONSTRUCT

/X/ New

Permit No. 82-443

/ / Renewal

/ / Modified

Petrotomics Evaporation Reservoir
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Petrotromics Company

P.O. Box 2509

Shirley Basin, WY 82615

to construct, install, or modify a evaporation pond for surface runoff control facility according to the procedures and conditions of the application No. 82-443. The facility is located in SW1/4 Section 32, T28N, R78W in the County of Carbon, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
NO. 1479
STATE OF WYOMING

Administrator
Water Quality Division

August 16, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: George L. Hoffman
Hydro-Engineering
770 E. Magnolia
Casper, WY 82609

8-28-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-444

Johnson Sewer
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Cheyenne

2101 O'Neil

Cheyenne, WY 82009

to construct, install, or modify a municipal wastewater collection facility according to the procedures and conditions of the application No. 82-444. The facility is located in Section 27, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND #1479 STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 16, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

cc: Charles B. Richardson
Jack Noblitt & Associates
1912 Capitol Ave., Suite 406
Cheyenne, WY 82001

3-1-85

PERMIT TO CONSTRUCT

/ / New

/X/ Renewal

/ / Modified

Permit No. 82-445

Monterey Heights, 3rd Filing Refinement "A"
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Cheyenne

2101 O'Neil Avenue

Cheyenne, WY 82001

to construct, install, or modify a potable water and sanitary sewer mains and a raw sewage lift station facility according to the procedures and conditions of the application No. 82-445. The facility is located in Section 18, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

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The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: District Engineer, State of Wyoming, Department of Environmental Quality, Water Quality Division, Herschler Building, 122 W. 25th, Cheyenne, Wyoming 82002; telephone, 777-7781.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. GARLAND
P.E. # 1479
STATE OF WYOMING

Administrator
Water Quality Division

February 25, 1985
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

cc: James Voeller
AVI
1700 Westland Road
Cheyenne, WY 82001

REGENCY CONSTRUCTION CO. INC.

February 19, 1985

Tom Norman
Department of Enviromental Quality
Water Quality Division
Hershler Building
4Th Floor - West
Cheyenne, Wyoming 82002

Dear Mr. Norman;

We are anticipating the start of Phase Two of the area that Permit number 82-445 covers and we would appreciate an extension of this permit. It was issued on August 24, 1982.

Thank you very much for your consideration.

Sincerely yours,

Gordon Deisch,
President,
Regency Construction Co., Inc.

P.O. Box 2515 (307) 635-8290 Cheyenne, WY 82003

9-7-82

PERMIT TO CONSTRUCT

/X/ New

Permit No. 82-445

/ / Renewal

/ / Modified

Monterey Heights, 3rd Filing Refinement "A"
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

City of Cheyenne

2101 O'Neil Avenue

Cheyenne, WY 82001

to construct, install, or modify a potable water and sanitary sewer mains and a raw sewage lift station facility according to the procedures and conditions of the application No. 82-445. The facility is located in Section 18, T14N, R66W in the County of Laramie, in the State of Wyoming. This permit shall be effective for a period of two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of the project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 2161 Coffeen Avenue, Suite 301, Sheridan, Wyoming 82801; telephone, 672-6457.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND STATE OF WYOMING

Administrator
Water Quality Division

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

Director
Dept. of Environmental Quality

August 24, 1982
Date of Issuance

This permit does not supercede the requirements for obtaining any permit from local agencies.

cc: James D. Veeller
AVI Engineering
7300 Yellowstone Rd.
Cheyenne, WY 82009

10-5-82

PERMIT TO CONSTRUCT

/X/ New

/ / Renewal

/ / Modified

Permit No. 82-447

LOW HEAD DAM FOR RAW WATER INTAKE
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Kemmerer
P.O. Box 312
Kemmerer, WY 83101

to construct, install, or modify a Low head concrete dam across the Ham's Fork River near the Kemmerer Water Treatment Plant to assure submergence of the existing raw water intake. facility according to the procedures and conditions of the application No. 82-447. The facility is located in Sec. 12, T21N, R116W in the County of Lincoln, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

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during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. SARLOS
N.E. # 1479
STATE OF WYOMING

Administrator
Water Quality Division

September 20, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

AB:dp

9-10-82

PERMIT TO CONSTRUCT

/ X / New

/ / Renewal

/ / Modified

Permit No. 82-448R

Town of Thermopolis Water System Improvements
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Town of Thermopolis

PO Box 603

Thermopolis, WY 82443

to construct, install, or modify a water distribution

facility according to the procedures and conditions of the application No. 82-448R. The facility is located in

Sec. 1, 36, T42, 43, R95W

in the County of Hot Springs, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER ROBERT E. SUNDIN NO. 285 STATE OF WYOMING

REGISTERED PROFESSIONAL ENGINEER WILLIAM L. GARLAND P.E. #1479 STATE OF WYOMING

William L. Garland
Administrator
Water Quality Division

Robert E. Sundin
Director
Dept. of Environmental Quality

August 27, 1982
Date of Issuance

This permit <u>does not</u> supercede the requirements for obtaining any permit from local agencies.

FL:ch

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF ENVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 Lincoln
LANDER, WYOMING 82520

PHONE: (307) 332-3144

PROJECT: TOWN OF THERMOPOLIS WATER SYSTEM IMPROVEMENTS

ENGINEER: R. A. Overfield
Engineering Associates
PO Box 1900
Cody, WY 82414

OWNER: Town of Thermopolis
PO Box 603
Thermopolis, WY 82443

WATER QUALITY DIVISION REFERENCE NUMBER: 82-448

REVIEWING ENGINEER: Francis LaBarge FL

DATE OF REVIEW: August 23, 1982

ACTION: Not authorized.

COMMENTS: A review of your application has been completed. Before a "Permit to Construct" can be authorized, the following points need to be resolved:

1. The specifications (i.e. the Wyoming Public Works Standards) call for AWWA C-900 PVC pressure pipe. Which class of pipe is to be used? In addition, please note that Class 100 has a DR of 25, Class 150 has a DR of 18 and Class 200 has a DR of 14. Your cover letter references PVC/SDR-17. Please clarify.

2. What is the maximum operating pressures that the new water lines will be exposed to? This information is needed to confirm that the proposed pipe can adequately withstand such pressures.

3. A profile of the 6 inch water line between Fifth and Sixth Streets is needed. Be sure to include the sewer line crossing on the profile.

4. Are there any sewer lines on Broadway? If so, they should be shown so that separation distances can be verified.

Please submit the required information, in triplicate, to this office. If you have any questions, please call me.

THE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

October 15, 1984

RECEIVED
OCT 19 1984
WATER QUALITY DIVISION
WYOMING

Mr. Chuck Fantin
Tri-State Chemical Company
1700 Carson
Rock Springs, WY 82901

RE: Groundwater Monitoring at Reclaimed Waste Disposal Pit and Cancellation of "As Built" Acceptance Permit No. 82-449R

Dear Mr. Fantin:

The purpose of this letter is to clarify the status of your facility and inform you of the results of our May 3, 1984 groundwater sampling.

In December, 1982 your engineer submitted an application to accept your "As Built" waste disposal pit (82-449). Since that time, at the request of this department, you reclaimed the pit and drilled two monitoring wells.

The pit has been reclaimed in an acceptable manner; therefore, your application to accept this "As Built" facility is being withdrawn. Please retain this letter as verification that Application Permit No. 82-449 has been cancelled. Enclosed are two copies of your application. One copy is being retained for our files.

On May 3, 1984, personnel from this department sampled both your upgradient and downgradient monitoring wells. Contamination of some sort was found in both monitoring wells. For this reason, additional monitoring at your site will be required.

I request that your monitoring wells be maintained intact until we can further monitor and assess the situation. This department will further monitor and evaluate the situation as soon as possible.

If you have any questions, please feel free to contact me.

Sincerely,

Jack Bedessem
Area III Supervisor

JB:dcn

Enclosures

cc: Jake Strohman, DEQ/WQD Cheyenne
Tony Mancini, DEQ/WQD Cheyenne
Kate Laudon, DEQ/WQD Cheyenne
Tom Williams, DEQ/WQD Cheyenne
Harry Moore, Johnson, Fermelia & Crank
File (3)

.HE STATE OF WYOMING

ED HERSCHLER
GOVERNOR

Department of Environmental Quality

Water Quality Division

210 LINCOLN STREET LANDER, WYOMING 82520 TELEPHONE 307-332-3144

September 20, 1982

Harry L. Moore
Johnson-Fermelia & Crank
PO Box 1633
Rock Springs, WY 82901

RE: Oil Field Waste Pit Requirements for Authorization - TriState Chemical Co. Rock Springs, WY. DEQ/WQD Reference #82-449

Dear Mr. Moore:

As per our conversation September 20, 1982, I am sending you DEQ/WQD information and requirements regarding the construction and permitting of oil field waste pits. Please find enclosed the following information:

1. Wyoming Oil and Gas Conservation Commission and the Wyoming DEQ reserve pit permitting policy. Especially note hilites.

2. Guidelines for Wastewater Pond Construction Permit Applications. Note hilites.

3. Guidelines for Wastewater Pond Construction Permit Applications Requiring Liners.

4. Wyoming Water Quality Rules and Regulations Chapters III, VIII and IX.

5. Copy of Application for Permit to Construct...Wastewater Facilities in Wyoming.

Submit the applicable information along with the completed application, in triplicate, to this office for review. Following a satisfactory review, which indicates the reserve pit meets the Minimum Design Standards as defined by the State of Wyoming, a letter of acceptance will be issued.

A "Permit to Construct" can not be issued since the facility has already been constructed. The facility will be referred to as an "As Built." If the "As Built" facility does not meet Minimum Design Standards, modifications will have to be made to obtain compliance or the facility will have to be abandoned.

ABC

If you have any questions concerning the above requirements, please contact me.

Sincerely,

Jack Bedessem

Jack Bedessem
Water Quality Evaluator

JB:ch
Enclosure

cc: Cheyenne DEQ/WQD
Chuck Fanton-TriState Chenical Co.
File (2)

REVIEW OF PLANS AND SPECIFICATIONS

WYOMING DEPARTMENT OF EVIRONMENTAL QUALITY

WATER QUALITY DIVISION
210 LINCOLN
LANDER, WYOMING 82520
PHONE: (307) 332-3144

PROJECT: A-1 Tanks Reserve Pit

ENGINEER: Harry L. Moore
Johnson - Fermelia and Crank, Inc.
P. O. Box 1633
Rock Springs, WY 82901

OWNER: John C. Fantin
Tri-State Chemicals
1700 Carson St.
Rock Springs, WY 82901

WATER QUALITY DIVISION REFERENCE NUMBER: #82-449R

REVIEWING EVALUATOR: Jack Bedessem JB

DATE OF REVIEW: January 5, 1983

ACTION: **Not authorized.**

COMMENTS: An initial review of your "As Built" facility plans has been completed. Before the Department of Environmental Quality, Water Quality Division can accept the facility, the following points need to be resolved and addressed:

1. Since the site contains shallow groundwater and its quality is unknown, a down gradient groundwater monitoring well is needed. According to the facility report, the groundwater flow is probably west, towards Killpecker Creek.

2. The well should be within 50 feet of the pit and should extend down to bedrock.

3. Details of the proposed well construction should be submitted, to this office, for review prior to drilling.

4. A groundwater sample from this well must be analyzed for: Total Dissolved Solids, Oil and Grease, Total Phenols, Barium, Chromium, and pH. The results from the above mentioned analyses must be submitted to this office for review.

5. A groundwater monitoring program will be established after the above mentioned analyses have been reviewed. You will be notified of the program's details.

6. A fence must be constructed around the pit location as soon as possible.

Please submit the required information, in triplicate, to this office. If you have any questions, please contact me.

JB:dcn

ABC

9-10-82

PERMIT TO CONSTRUCT

/ X/ New

/ / Renewal

/ / Modified

Permit No. 82-450R

Byron Polymer Plant Septic System
(Name of Facility)

This permit hereby authorizes the applicant (name and address):

Marathon Oil Company

PO Box 120

Casper, WY 82602

to construct, install, or modify a

septic tank - leach field

facility according to the procedures and conditions of the application No. 82-450R. The facility is located in

South ½ of SE¼ Lot 46 Resurvey, T56N, R97W

in the County of Big Horn, in the State of Wyoming. This permit shall be effective for a period of Two (2) years (five (5) years maximum) from the date of issuance of this permit.

The issuance of this permit provides that the Department of Environmental Quality has evaluated and determined that the application meets minimum applicable construction and design standards. The compliance with construction standards and the operation and maintenance of the facility to meet the applicant's engineer's design are the responsibility of the applicant, owner, or operator.

The authority to construct granted by this permit does not mean or imply that the Wyoming Department of Environmental Quality guarantees or insures that the permitted facility, when constructed, will meet applicable discharge permit conditions or other effluent or operational requirements.

Nothing in this permit constitutes an endorsement of the construction or the design of the facility described herein. This permit indicates only that standards of design and construction required by the Environmental Quality Act have been met. The State assumes no liability for, and does not in any way guarantee the performance of, the permittee in the exercise of its activities allowed under this permit. The Permittee understands that it is solely responsible to any third parties for any liability arising from the construction or operation of the facility described herein. By the issuance of this permit, the State does not in any way waive its sovereign immunity.

The permittee shall allow authorized representatives from the Department of Environmental Quality, Water Quality Division, upon the presentation of credentials and

during working hours, to have access to inspect the facilities, at the above location, for the purpose of compliance with the provisions of this construction permit.

The permittee shall notify representatives from the Department of Environmental Quality, Water Quality Division the day construction commences and give an estimate of completion of this project. The authorized representative in your area can be contacted at the following address: Water Quality Construction Projects Control Officer, State of Wyoming, Department of Environmental Quality, Water Quality Division, 210 Lincoln, Lander, Wyoming 82520; telephone 332-3144.

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

The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State or local laws or regulations.

AUTHORIZED BY:

REGISTERED PROFESSIONAL ENGINEER
WILLIAM L. CARLAND
R.E. # 1479
STATE OF WYOMING

Administrator
Water Quality Division

August 31, 1982
Date of Issuance

REGISTERED PROFESSIONAL ENGINEER
ROBERT E. SUNDIN
NO. 285
STATE OF WYOMING

Director
Dept. of Environmental Quality

This permit does not supercede the requirements for obtaining any permit from local agencies.

FL:ch