

Permit # _____

PARK COUNTY SEWAGE DISPOSAL SYSTEM

APPLICATION & PERMIT

Park County Planning Department
Park County Courthouse
1002 Sheridan Avenue
Cody, Wyoming 82414
Telephone No.: 587-2204 or 754-5171

PARK COUNTY SEWAGE DISPOSAL SYSTEM APPLICATION AND PERMIT

Fee: NEW INSTALLATION \$150.00

REPAIR/REPLACEMENT \$75.00

GENERAL INFORMATION

Property Owner's Name: James E. & Nancy L. Melton

Mailing Address: 1145 Old Hwy 35

City: Stoddard State: wi. Zip: 54658

Phone No. (daytime): 608-788-4358

Legal Description of Property:

Subdivision: Line Creek Lot: 36 Block: _____

or

Metes and Bounds (include lot or tract, quarter/quarter section, township, and range to the nearest 10 acres) ONLY FOR NON-SUBDIVIDED LAND:

LOT 36, T. 58 N., R. 102 W. or

SE 1/4, NW 1/4, SECTION 32, T. 58 N., R. 102 W.

NOTE: If the property is a portion of a Lot or 1/4, 1/4 Section, attach a detailed legal description of the property

SITE CHARACTERISTICS

Percolation Rate:

HOW DO I RUN A PERCOLATION TEST?

1. Dig a minimum of three (3) holes to the expected depth of the trench in the area where the leachfield or trench is to be located. Maintain vertical sides in the holes. If using Deep Trench Design, the percolation rate of soils at bottom of trench must be tested.

2. Presoak the holes by filling the holes with water and letting the water seep away. After the water has seeped away, fill the holes again. Let the holes stand for approximately 12 hours, before beginning the test.

3. Fill the holes with water to a fixed reference point at least six inches above the bottom of the hole. Measure the water level drop at constant time intervals (e.g. every 10 minutes) to the nearest 1/8 inch. Refill the hole as necessary. Start new measurements each time the hole is refilled. When the drop is consistent for three consecutive measurements, the test may be ended.

4. The percolation rate is the time interval in minutes divided by the slowest consistent drop in inches of the three holes. For example, if the three holes had consistent drops for three consecutive intervals of 1/2" in hole #1, 1/2" in hole #2, and 1/4" in hole #3 and the time interval was 10 minutes, the percolation rate would be 10 minutes/1/4" or 40 minutes/inch. In other words, in 40 minutes the water in the hole would drop 1 inch. If there are any questions, contact the Park County Planning Department.

The table below is provided for your convenience in recording percolation rate measurements.

Hole	Drop in Inches Every <u>15</u> Minutes							
#1	.7	.8	.8					
#2	.8	.9	.9					
#3	.8	.8	.8					

Percolation Rate: 19 minutes per inch

Depth to Groundwater: _____ feet

Water Source:

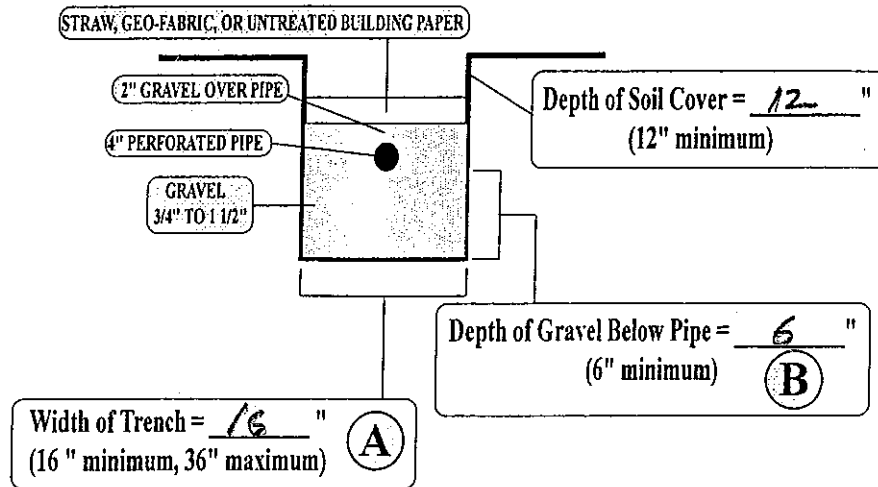
☐ Community (e.g. Municipal Water)

☒ Private (e.g. well, spring, etc.)

1. What is the main purpose of the document?
 2. What are the key findings of the study?
 3. What are the limitations of the study?
 4. What are the implications of the study?
 5. What are the conclusions of the study?
 6. What are the recommendations of the study?
 7. What are the future research directions?
 8. What are the acknowledgments?
 9. What are the references?
 10. What are the appendices?
 11. What are the footnotes?
 12. What are the tables?
 13. What are the figures?
 14. What are the captions?
 15. What are the legends?
 16. What are the abbreviations?
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ABSORPTION TRENCH DESIGN

Figure 1. Typical Trench Cross-Section
Fill in the dimensions in each of the unshaded boxes below.



Length of Trench: 29.4 feet [Absorption Area Circled in Table 1 divided by the total of **(A)** + **(B)** + **(B)**. Be sure to convert both **(A)** and **(B)** to feet before dividing.]

NON-TRENCH OR RAISED DISPOSAL DESIGNS

If using a non-trench design or if using a raised system design, please describe the design in detail:

TANK INFORMATION

Tank Manufacturer's Name: _____

Tank Liquid Capacity: _____ gallons (1000 gallons + 250 gallons for each bedroom over 4)

Type: ☐ Concrete ☐ Polyethylene ☐ Fiberglass ☐ Other _____

Other: _____

I certify that the above-described sewage disposal system has been submitted and designed in accordance with county and state rules and regulations, and that said system shall be constructed as authorized under the provisions of the permit and all applicable rules and regulations.

Property Owner _____

Date _____

SITE PLAN DRAWING AREA

(If additional space is needed, please attached separate drawing.)

Use a straight edge and include all required elements in the site plan drawing.

Tank

Well

Road

Road 50

Road 100

Road 150

Road 200

Road 250

Road 300

Road 350

Road 400

Road 450

Road 500

Road 550

Road 600

Road 650

Road 700

Road 750

Road 800

Road 850

Road 900

Road 950

Road 1000

HOW DO I LAY OUT THE SYSTEM?

1. When you choose an area for the leachfield or trench, be sure the area is at least 100 feet from all wells and springs, 10 feet from all property lines, 25 feet from all buildings, 25 feet from water lines, 10 feet from the septic tank, 15 feet from steep slopes, 50 feet from streams and lakes including streams that are seasonal. If all distances cannot be met, contact the Park County Planning Department.
2. The bottom of the leachfield or trench must be at least four (4) feet above high groundwater. If the depth to groundwater is less than required, contact the Park County Planning Department.
4. The slope in the area should not be over 15% or fifteen (15) vertical feet for every one hundred (100) horizontal. If the slope is greater than 15% or the percolation rate is slower than 40 minutes/inch, contact the Park County Planning Department.

DRAWING THE SITE PLAN?

When preparing a site plan, use black ink and a straight edge. The following items must be shown on the site plan drawing:

1. The location of the septic tank and leachfield or trench.
2. The location of all structures on the property, and wells, streams, irrigation ditches, springs, driveways, parking areas within 200 feet of the leachfield or trench, and the distances from each to the septic tank and leachfield or trench.
3. All property lines within 100 feet of the leachfield or leach trench.
4. North Arrow.
5. The lay out of the leach lines and the length of each line, and a location for a replacement area.

CONSTRUCTION

All construction shall meet or exceed the Uniform Plumbing Code and the Park County Sewage Disposal System Regulations. Some general guidelines include (See regulations for more inclusive list):

1. Building sewer line and the sewer lines to 10 feet on the outlet side of the tank must be 4" Schedule 40.
2. Building sewer line shall slope a minimum of 1/4" per foot and the tank must be level.
3. Distribution lines must be laid level.
4. Straw, geo-fabric, or untreated building paper must be placed over gravel prior to backfilling.

INSPECTIONS

1. Inspections are required. Twenty-four (24) hours notice shall be given to schedule an inspection. The inspector shall have a 2-hour grace period from the time of the scheduled inspection prior to the installer backfilling the system without an inspection. If approval is granted to backfill without an inspection or the inspector fails to inspect, the installer shall submit as-constructed drawings and certify that the system was installed in accordance with all regulations. If backfilled without approval or without permitting the inspector an adequate grace period, the system shall be exposed at installer's expense for inspection.
2. The following shall be completed and available for inspection: building sewer, septic tank, effluent line. Leachfield must be complete to the paper/straw/fabric level. Reinspections will be charged at \$25.00 each.

FOR OFFICE USE ONLY

PERMIT TO CONSTRUCT

RECEIPT #: _____

PERMIT #: _____

AUTHORIZED BY: _____

DESIGNATED LOCAL OFFICIAL

DATE OF ISSUANCE: _____

This *Permit To Construct* shall be effective for a period of one (1) year from the date of authorization and issuance. Nothing in the *Permit to Construct* constitutes an endorsement of the design or the construction of the sewage disposal system described in the application. The issuance of the *Permit to Construct* shall not preclude the institution of any legal action or relieve the applicant, their heirs, successors or assigns, from any responsibilities, liabilities or penalties established pursuant to any Wyoming state law or Park County regulations, and does not convey any property rights in either real or personal property, any exclusive privileges, nor does it authorize any injury to private property or invasion of personal rights, nor any infringement of federal, state or county laws or regulations.