

Onsite Wastewater Treatment Systems  
Kit Carson County Public Health and Environment  
252 S. 14<sup>th</sup> St., P.O. Box 70  
Burlington, Co 80807  
719-346-7158 Ext 420, 719-349-2126  
Fax: 719-346-8066  
Email: [kelly.alvarez@kitcarsoncounty.org](mailto:kelly.alvarez@kitcarsoncounty.org)

## **Permit Procedure List**

Permitting – Kit Carson, Lincoln, and Cheyenne Counties

### **Application and Fees**

An Onsite Sewage Disposal System permit (OWTS) is required to construct or repair a septic system. Application fees are \$223.00 (new systems), \$175.00 (repair) or \$100.00 (privy) for the permit by Kit Carson County Public Health and Environment. A fee of \$175.00 for the perk test and initial site analysis is also required if Kit Carson County Public Health and Environment is requested to complete this portion of the process. It should be noted that a registered engineer can complete the perk test and initial site analysis, and the results submitted to Kit Carson County Public Health and Environment for review prior to issuance of the final permit. Fill out the application **in full**, return the application with check payable to Kit Carson County Public Health and Environment.

### **Site Evaluation**

A site evaluation needs to be performed to determine the suitability of the site and the minimum size of the septic system. A site evaluation can be performed by either Kit Carson County Public Health and Environment (KCCPHE) or a Colorado Registered Professional Engineer. The following conditions require a system to be designed by a Colorado Registered Professional Engineer and then submitted to Kit Carson County Public Health and Environment.

- System installed in areas with seasonal high ground water less than 4 feet below the soil surface.
  - System that disposes effluent into state waters or upon the ground.
  - System which services commercial, business, institutions, industry, or multifamily dwellings.
1. Schedule a Percolation Test with Kit Carson County Public Health and Environment **or** notify KCCPHE that your percolation test is being done by an engineer. Please have the engineer send the result to KCCPHE.

2. Percolation Holes: Applicants shall dig **three** holes 4" to 12" in diameter (preferably 6") to a **depth** of 30" to 36" deep in the area of the proposed absorption area, space the holes **30 feet apart** to provide the best site evaluation. Scratch the bottom and sides of the holes with a knife or sharp-pointed instrument and remove all loose material from each hole. Add 2" of course sand to fine gravel to the bottom of each hole to protect it from scouring and sediment.  
\*Each test hole needs to be pre-soaked with water to a level of at least 14" in depth eight (8) hours, but not more than 24 hours, before the scheduled test time.  
\*Approximately 50 gallons of water must be provided at the site when the percolation test is conducted. It must be easily accessible (a hose or open container).  
**NOTE:** Omission of the preceding steps frequently causes percolation test to fail; a retest requires payment of an additional fee.
3. Test pit (Soil Profile): Applicants will excavate a pit at least 8 feet deep or to bedrock, whichever is less. The pit must be at least 6 feet long and 3 feet wide, with two adjacent walls sloped at 34 degrees for safe entry (OSHA requirement). The pit must be located in the area of the proposed absorption field. \*\* Any other excavation meeting the above requirements, and is located in the area may be used as a test pit (basements, septic tank hole, etc.)
4. If the results of your percolation test fit within the guidelines of the Kit Carson County Septic System Regulations, construction of the septic system may begin. Your system shall meet all requirements listed in the Individual Sewage Disposal System Regulations.
5. A final septic system inspection **must** be conducted by a representative of Kit Carson County Public Health and Environment **before** the system can be back filled. If the system is back filled before inspection, you will be required to uncover the system before a permit is granted.
6. If you are installing your own septic system, please carefully read the regulations. If you have questions, contact the Public Health Specialist at Kit Carson County Public Health and Environment at 719-346-7158 Ext 420. Please follow all regulations, those failing to do so may be subject to penalties under Section 25-10-112, CRS.

Kit Carson County Public Health and Environment  
252 S. 14<sup>th</sup> St., PO Box 70  
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Application for A Permit to Install, Alter or Repair  
An Onsite Wastewater Treatment System

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**FEE:** New (\$223.00) \_\_\_\_\_ Repair (\$175.00) \_\_\_\_\_ Privy (\$100.00) \_\_\_\_\_ Perk Test (175.00) \_\_\_\_\_  
\*\*Please fill out attached Payment Form

**Owner:** \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code: \_\_\_\_\_ Phone Number: \_\_\_\_\_

**Site Address:** \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_

Zip \_\_\_\_\_ Directions to site: \_\_\_\_\_

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**Legal Description:** County \_\_\_\_\_ Sec \_\_\_\_\_ Twn \_\_\_\_\_ Rng \_\_\_\_\_ Acres \_\_\_\_\_

Subdivision \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Filing \_\_\_\_\_

Parcel No: \_\_\_\_\_ (Call you county Assessor to get)  
\*\*(This number is different from the legal description)

**Installer:** \_\_\_\_\_

Mailing Address \_\_\_\_\_ Phone Number: \_\_\_\_\_

Residential \_\_\_\_\_ Commercial \_\_\_\_\_ Other \_\_\_\_\_

Number of Persons \_\_\_\_\_ Basement Plumbing \_\_\_\_\_ Number of Bedrooms \_\_\_\_\_

Number of Bathrooms: Full \_\_\_\_\_ 3/4 \_\_\_\_\_ 1/2 \_\_\_\_\_

Water Public (Y/N) \_\_\_\_ Utility Name: \_\_\_\_\_

Water Private (Y/N) \_\_\_\_ Cistern (Y/N) \_\_\_\_

Well (Y/N) \_\_\_\_\_ Well Permit No. \_\_\_\_\_ Garbage Disposal (Y/N) \_\_\_\_\_

\_\_\_\_\_  
Owners Signature

\_\_\_\_\_  
Date

**\*\*\*ABSENCE OF PARCEL AND WELL PERMIT NUMBERS WILL RESULT IN THE RETURN OF YOUR PERMIT APPLICATION!**

**Office Use Only:**

Type Of Application: New \_\_\_\_\_ Repair \_\_\_\_\_ Privy \_\_\_\_\_ Perk Test \_\_\_\_\_

County: Kit Carson \_\_\_\_\_ Lincoln \_\_\_\_\_ Cheyenne \_\_\_\_\_

Permit Number: \_\_\_\_\_ Permit Approved By: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Date Checked: \_\_\_\_\_ Name of Person Checked By: \_\_\_\_\_

Payment for A Permit to Install, Alter or Repair  
An Onsite Wastewater Treatment System

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**FEE:** New (\$223.00) \_\_\_\_ Repair (\$175.00) \_\_\_\_ Privy (\$100.00) \_\_\_\_ Perk Test (175.00) \_\_\_\_

**Check:**

Checks must be payable to Kit Carson County Public Health and Environment (KCCPHE)

\*\*\* OFFICE USE ONLY

Name/Organization on Check \_\_\_\_\_

Check Number: \_\_\_\_\_ Check Amount \_\_\_\_\_

Received By: \_\_\_\_\_

Date: \_\_\_\_\_

Permit Number: \_\_\_\_\_

**Licensed Septic System Installers and Cleaners for Kit Carson, Lincoln and Cheyenne Counties**

**Smith Construction**

48840 Cty. Rd 2Z  
Arriba, CO 80804  
719-740-0133  
719-743-2330

**Rob's Septic Service & Porta-Pot**

P.O. Box 832  
Limon, CO 80828  
719-775-2198

**Dale's Roto-Rooter & Septic Service**

1583 Rose Ave.  
Burlington, CO 80807  
719-346-5512  
719-340-5512

**Masters Backhoe & Trenching**

451 7<sup>th</sup> Street  
Stratton, CO 80836  
719-349-5121

**Kunau Drilling**

23945 Lucky Lane  
Calhan, CO 80808  
719-683-3720

**In-Line Plumbing**

225 Eldridge  
Burlington, CO 80807  
719-346-8345

**Murray Construction**

6050 N. Ellicott Hwy.  
Calhan, CO 80808  
719-683-2442

**Korinek Konstruction**

17925 Jones Road  
Peyton, CO 80831  
719-683-3463

**Wellstone Services, LLC.**

Bryan Beckner  
36611 US Hwy 385  
Wray, CO 80758  
970-332-5834 off  
970-630-4246 cell

**SEPTIC SYSTEM CLEANERS**

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