

KLAMATH COUNTY COMMUNITY DEVELOPMENT DEPARTMENT
ON-SITE SANITATION DIVISION
305 Main Street, Klamath Falls, OR 97601-6332
Telephone: 541-883-5121 (option # 6) or 800-378-1304 (option # 6)
FAX: 541-885-3644

BOTTOMLESS SAND FILTER SEPTIC SYSTEM PERMIT

SAND FILTER PERMIT TO CONSTRUCT FEE: \$1,620.00
(An additional fee is added for each 500 gal or part thereof over 1000 gal.)

1. Contact Klamath County Planning about obtaining a Site Plan Review (**Land Use Compatibility Statement**). **The Land Use Compatibility Statement is required before a permit can be issued.**
2. Prepare a DETAILED PLOT/SITE PLAN to include elevation levels of septic tank outlet and drainlines. An example of a detailed plot/site plan follows and includes other information required. Plot plan must show all existing and proposed developments on the property. This would include placement of the residence, septic system, well(s), driveway, outbuildings, etc. Show placement of the drainlines in the approval area, and show test hole locations as well as the area reserved for the replacement system. Sign and date the bottom of the plot plan. **The detailed plot plan must be stamped and signed off by Planning before we can accept it.**
3. A current sieve analysis of the medium sand and pea gravel to be used must be submitted with the application. Also, detailed plans which will be reviewed and approved by this department, must be of construction quality and include the hydraulic calculations for the pressurized distribution system.
4. A signed service contract with a maintenance provider certified by the manufacturer.
5. A site visit may be necessary prior to permit issuance. Any work, even digging trenches or a hole for the tank, must be performed by a **LICENSED INSTALLER OR PROPERTY OWNER**. "Self-Installers" guidelines are available from this office. Please be aware that permits are only valid up to one year from the date they are issued.
6. Four construction inspections are required for sand filter systems. The following schedule has been designed with the intention of simplifying construction inspections for sand filters. Prior to requesting each inspections, we ask that the corresponding work be completed to minimize unnecessary delays for both you and our office staff. The sequence of inspections will be as follows:

First Inspection: This inspection will include the septic tank, dosing tank, check for water tightness of both, effluent sewer, pump, pressure line and the necessary valves. At this point, the sand box will have already been completed, including the necessary Building Department inspection and approval. Our staff will then review the box, paying particular attention to the floor collection drain.

Second Inspection: The filter material will be in place, including the under drain rock, filter fabric, mid. Sand, drain rock, pressure distribution laterals, and pressure manifold. However, the filter fabric and soil crown will not be in place and the pressure laterals are to be left exposed for a pump test. The system should be prepared for this test with temporary or permanent power connection and water supply.

Third Inspection: The placement of additional drain rock and filter fabric over the pressure laterals will be reviewed. The drainfield should also be constructed and ready for evaluation for this inspection.

Fourth Inspection: This is the final inspection in which the soil crown is placed to finished grade and the system operated through a cycle. The electrical inspection by the State must be approved and submitted to our Department prior to our running the system through this entire cycle. It is absolutely necessary to have both electricity and water available on-site to accomplish this. Also, any deficiencies in the drainfield

construction will have been corrected by this time. Therefore, barring any difficulties, this office will be prepared to approve the system for use and issue a Certificate of Satisfactory Completion.

CALL 541- 883-5121 OR 1-800-378-1304 (option # 6) WHEN READY FOR INSPECTION.

NOTE: Weather permitting, the drainfield itself can be constructed and inspected during any of the four (4) inspections. We would rather not have it left open for an extended period of time. Any corrections must be completed and ready for inspection at the time the next inspection is requested.

If a specific site has difficulties that would make these guidelines unreasonable, contact our office at 541-883-5121 or 800-378-1304 option # 6 so we can work out an acceptable alternative.

7. After the installation permit is issued, a building/placement permit may be purchased from the Building Department. They will require the stamped/signed plot plan and the Land Use Compatibility Statement, both of which must be signed off by Planning and On-Site Sanitation.
8. If the permit expires before work is completed, the full purchase price is due before a new permit will be issued. A reduced rate is charged if the permit is renewed before the expiration date.