

SAND FILTER INSPECTION CHECKLIST



DEPARTMENT OF PLANNING AND DEVELOPMENT

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Call for the following scheduled inspections. This checklist is only a guide and is not a complete list of DEQ regulations or county administrative rules regarding septic system installations. Inspections may be waived only with Sanitarian approval. Photographs of waived inspections will be required.

Inspection 1:

- _____ A. Thirty mil PVC Liner is in place and fastened securely. Liner is in good condition. (Above ground filter may require building permit. Check with planning department). In areas with rocky soil a sand cushion must be placed under the liner to prevent punctures.
- _____ B. Underdrain pipe is installed with perforations up.
- _____ C. Minimum 2 inches of clean drain media (3/4 to 2 1/2 inches) mounded over top of underdrain pipe. Minimum 2 inches of underdrain media must cover the drain media.

Inspection 2:

- _____ A. Septic Tank is installed with one or more risers extending to finished grade.
- _____ B. Twenty-four inches of sand filter media in place (Current sieve analysis to be given to inspector).
- _____ C. Minimum 3 inches of underdrain or drain media under the pressure distribution laterals.
- _____ D. Five or more feet of head observed in pump test to sand filter.
- _____ E. Inspect proposed cap material for the sand filter. Loam or coarser soil is required.

Inspection 3:

- _____ A. Drain field is excavated to specified depth and bottom is level.
- _____ B. Pump test from sand filter to drainfield is good.

CHECKLIST CONTINUED ON OTHER SIDE

- _____C. Ends of laterals have sweeps and cleanouts and they project to finished grade or above.
- _____D. Laterals are covered with drain media or underdrain media.
Filter fabric is placed on top of sand filter prior to soil cap.
- _____E. Soil cap on Sand filter is 6 to 12 inches deep and is approved material.
- _____F. Sand filter is protected from surface water infiltration.

Note:

Capping fill drainfields will require a cap inspection.

Alarm panel shall be located in or near building served by system. Electrical components used in the system shall comply with State of Oregon Electrical Code.