

DAVIS COUNTY HEALTH DEPARTMENT

REQUIREMENTS FOR APPROVAL OF SEPTIC TANK AND ABSORPTION SYSTEMS BY THE DAVIS COUNTY HEALTH DEPARTMENT INCLUDE THE FOLLOWING:

The Utah “R317-4 Onsite Wastewater System Rule” (note 87 page rule) states that plans for the construction and alteration of individual wastewater disposal systems (septic tanks and absorption systems) must be submitted to the local health authority having jurisdiction, and that compliance with the code must be determined by an on-site inspection after construction but before backfilling. Individual wastewater disposal systems must be constructed and installed in accordance with the “Utah R317 On-Site Wastewater Rule”.

In order that approval can be expedited, plans submitted for review must be drawn to scale and should include the following items:

1. Plot plan, drawn to scale on an 8-1/2” x 14” (legal size) piece of paper, showing (a) direction of north, (b) lot boundaries, (c) existing contours or relative elevations, (d) outline of house, (e) maximum number of bedrooms, (f) location and liquid capacity of septic tank, (g) location and dimensions of subsurface absorption system, (h) location of water service line and house sewer, (i) streams, ditches, watercourses, ponds, etc. within 100 feet of septic tank and absorption system.
2. Septic tank cross sections and plan, or name and address of manufacturer.
3. Cross section of subsurface seepage device, showing (a) depth and width of seepage excavation, (b) depth of perforated drainline, (c) depth of gravel or stone used as fill, and (d) barrier used to separate “gravel” fill from backfill (earth cover).
4. Relative elevations of (a) house sewer, (b) septic tank and subsurface absorption system, and (c) of final ground surface.
5. Statement of soil conditions obtained from soil explorations to a depth of 10 feet. In the event that absorption system excavations will be deeper than six feet, soil explorations must extend to a depth of at least four feet below the bottom of the proposed seepage excavation.
6. The results of stabilized percolation tests in the area of the proposed absorption device, conducted according to the Utah “Code of Waste Disposal Regulations”. Percolation tests should be conducted to the depth of the bottom of the proposed absorption excavations and test results should be submitted on a “Percolation Test Certificate” obtainable upon request. If a deep trench is proposed, a completed “Deep Trench Construction Certificate”

must be submitted. The Percolation Test must be performed by a certified civil engineer or our office.

7. Statement indicating (a) present and (b) maximum anticipated groundwater elevation. See monitor well requirements January to June or irrigation turn.
8. Statement indicating (a) source of water supply for dwelling (whether a well, spring, or public system) and (b) location and (c) distance from wastewater disposal system. If plan approval of a private water supply system is required, information regarding that system must be submitted separately.
9. Complete address of dwelling, current address and phone number, and name of individual who will install disposal system.
10. Name of mortgage loan company, Federal Agency.