

2.6.3 Approval Conditions

Table 2-11 shows drainfield setbacks from cutoff trenches based on percent slope. In Table 2-11, each split cell shows the drainfield depth requirement in the upper left and the minimum setback distance in the lower right. Effective soil depths for drainfields must meet requirements in Table 2-6 and Table 2-7.

Table 2-11. Setbacks of drainfield from cutoff trench based on percent slope.

Slope (%)	Depth of Cutoff Trench (feet)							
	3	4	5	6	7	8	9	10
5	0.5 - 3 50	1.5 - 4 50	2.5 - 4 50	3.5 - 4 50	4 61	4 81.5	4 100	4 120
10	0 - 3 30.5	0 - 4 40.5	0 - 4 50	1 - 4 50	2 - 4 50	3 - 4 50	4 50	4 61
15	0 - 3 18	0 - 4 25	0 - 4 32	0 - 4 39	0 - 4 45	0.5 - 4 50	1.5 - 4 50	2.5 - 4 50
20	0 - 3 14	0 - 4 19.5	0 - 4 24.5	0 - 4 29.5	0 - 4 34.5	0 - 4 39.5	0 - 4 44.5	0 - 4 50
25	0 - 3 11.5	0 - 4 16	0 - 4 19.5	0 - 4 23.5	0 - 4 27.5	0 - 4 31.5	0 - 4 35	0 - 4 39.5
30-45	0 - 3 9.5	0 - 4 13	0 - 4 16.5	0 - 4 19.5	0 - 4 23	0 - 4 26.5	0 - 4 30	0 - 4 33

Note: Split cells show drainfield installation depth requirements in the upper left and minimum setback distance in the lower right.

Each split cell in Table 2-11 shows the installation depth required to maintain the drainfield below the level of the cutoff trench. Drainfield setback distances are a function of slope. As the slope increases, the separation distance is reduced. The risk of septic tank effluent being

intercepted by the cutoff trench decreases as the slope increases, which enables reduced setbacks at higher slopes.

2.7.2 Additional Application Information Requirement

Applicants proposing systems above a suspected unstable landform are required to provide supplemental information on the subsurface sewage disposal application as required in the “Individual/Subsurface Sewage Disposal Rules” (IDAPA 58.01.03.005.04.o), see section 8.1. The septic tank and drainfield shall not be installed on an unstable landform, where operation of the subsurface sewage disposal system may be adversely affected **or effluent discharged to the subsurface will contribute to the unstable nature of the downslope landform.**

~~Application for a~~ **A permit shall be denied for a** subsurface sewage disposal system **application with where** any portion of the system **must be installed** on an unstable landform **shall have the permit denied.** Locating subsurface sewage disposal systems on unstable landforms will result in adverse system operation, performance, and effluent treatment.

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