

Soil Texture Classification Triangle Effluent Loading Rate

When using the results of a soil texture classification to size a system, the disposal field shall be sized so that the effluent loading rate per day for soil classifications determined does not exceed, in a soil classified as:

	Soil Type	Application Rate (igpd/sq.ft.)	Application Rate (lpd/sq.m.)
(a)	Heavy Clay >60-100% clay	Modified aboveground systems. See soil texture classification matrix.	No subsurface systems. See soil texture classification matrix.
(b)	Clay 40-60% clay	Modified systems. See soil texture classification matrix. 0.17	Modified systems. See soil texture classification matrix. 8.31
(c)	Silty Clay 40-60% clay		
(d)	Sandy Clay 40-60% clay		
(e)	Sandy Clay 35-<40% clay	0.18	8.80
(f)	Silty Clay Loam	0.18	8.80
(g)	Clay Loam	0.22	10.76
(h)	Sandy Clay Loam	0.28	13.70
(i)	Loam	0.34	16.63
(j)	Silt Loam	0.28	13.70
(k)	Silt	0.26	12.72
(l)	Sandy Loam	0.45	22.02
(m)	Loamy Sand	0.60	29.35
(n)	Sand 85-100% sand	Modified subsurface systems. See soil texture classification matrix. 0.60	Modified subsurface systems. See soil texture classification matrix. 29.35