

ALABAMA STATE COMMITTEE OF PUBLIC HEALTH
 ALABAMA DEPARTMENT OF PUBLIC HEALTH
 BUREAU OF ENVIRONMENTAL SERVICES
 DIVISION OF COMMUNITY ENVIRONMENTAL PROTECTION
 ADMINISTRATIVE CODE

CHAPTER 420-3-1
 ONSITE SEWAGE TREATMENT AND DISPOSAL

420-3-1-T13

Table 13 LPP Fill Material Loading Rates For
 Controlled Fill Mound Systems.

Table 13
 Low Pressure Pipe (LPP) Fill Material Loading Rates
 for Controlled Fill Mound Systems

<u>SOIL TEXTURE</u>	<u>PERCOLATION RATE</u> Min/inch	<u>LOADING RATE</u> gpd/sq.ft.	<u>LOADING RATE</u> w/secondary treatment gpd/sq.ft.
Sand	5 to 10	1.0	2.0
Loamy sand	11 to 19	0.8	1.5
Sandy loam	20 to 30	0.6	1.0
Sandy clay loam	31 to 45	0.4	0.6

EXAMPLE: Three-Bedroom dwelling utilizing loamy sand fill without secondary treatment:

Total flow in gpd / loading rate = required distribution area (sq.ft.).

Required total area (sq.ft.): 450/.8 = 563 square feet

Author:
 Statutory Authority:
 History: