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-T4 Table 4 Minimum Setback Distances To Components Of An OSS.

Table 4
Minimum Setback Distances to Components of an OSS*

Structure or Topographic Feature	Minimum Horizontal Distance (ft)		
	To EDF[1]	To Tank, Treatment Device, Pump Chamber, Receptacles, and D-Box	Other Components of OSS
EDF of another system	10[2]	10	5
Components of another system (except EDF)	5	5	5
Basement or in-ground storm shelter[3]	15	5	5
w/drain	25	5	5
Building foundation[3]	5	5	5
Drainage way (natural or man-made)[3]	25	10	N/A
Embankment or cut (≥ 12"), up and downslope[3]	25	5	N/A
Hydric soils, non-ponded wetlands, or areas subject to ponding	25	25	N/A
Interceptor drain and storm water diversion[3]			
(feature located upslope)	10	5	N/A
(feature located side slope)	15	5	N/A
(feature located downslope)	25	5	N/A
Potable (drinkable) water line[4]	5	5	5
Property line	5	5	5
Caves, sinkholes, and similar depressions[5]	300	50	50
Surface water or intermittent stream	50	25	10
Swimming pool (in-ground)	10	5	N/A
Wells and potable springs[6]	100	50	5

[1] Edge of basal area for Controlled Fill Mound systems.

[2] EDF to EDF for Large-Flow systems without advanced treatment is a minimum of 100 feet.

[3] Engineer may design system and reduce setback distance to a specified distance with acceptable justification such as the use of an advanced treatment system, use of solid or culvert pipe, landscaping that diverts storm water, or drip disposal (not to be reduced to less than half the stated setback).

[4] May be less than 5 feet provided encapsulation of solid effluent line (pressurized or non-pressurized) for 5 feet from water line. This setback is not applicable for water lines above effluent lines and where the minimum vertical separation is 18 inches or greater.

[5] Geologist may reduce the setback distance with written documentation of geological investigation and specific setback distances set (not to be reduced to less than 60 percent the stated setback).

[6] The minimum setback distance for an EDF to wells and springs for a Large-Flow Development recorded prior to October 18, 1978 and for lots established prior to March 18, 1982, shall be 50 feet with every effort made to exceed that distance.

* This table applies to all Small-Flow and any Large-Flow systems with advanced treatment. See Table 5 for setback distance requirements for Large-Flow systems without advanced treatment. See Table 6 for additional Innovative EDS setbacks. Drip irrigation disposal lines shall be 2 feet from all components in this table except that it shall be 25 feet from surface water.

Author:
Statutory Authority:
History: