

District Health Department No. 2

Synopsis of Regulations Governing Sewage Disposal System Construction

Number of Bedrooms	Minimum Tank Volume in Gallons	System Size Fine or Loamy Sand	System Size Loam	System Size Sandy Clay Loam	System Size Clay or Clay Loam
2 Bedrooms or less	1000* (* see table below)	450 sq. ft.	600 sq. ft.	800 sq. ft.	1000 sq. ft.
		18 cu. yds. Stone	24 cu. yds. Stone	32 cu. yds. Stone	40 cu. yds. Stone
3 Bedrooms	1250*	675 sq. ft.	900 sq. ft.	1200 sq. ft.	1500 sq. ft.
		27 cu. yds. Stone	36 cu. yds. Stone	48 cu. yds. Stone	60 cu. yds. Stone
4 Bedrooms	1500 2 Compartment or 2 Tanks in Series*	900 sq. ft.	1200 sq. ft.	1600 sq. ft.	2000 sq. ft.
		36 cu. yds. Stone	48 cu. yds. Stone	64 cu. yds. Stone	80 cu. yds. Stone
5 Bedrooms	1750 2 Compartment OR 2 Tanks in Series*	1125 sq. ft.	1500 sq. ft.	2000 sq. ft.	2500 sq. ft.
		45 cu. yds. Stone	60 cu. yds. Stone	80 cu. yds. Stone	100 cu. yds. Stone

*Additional Septic Tank Sizing Requirements

Sizing Criteria	Minimum Liquid Volume
Kitchen Garbage Disposal Unit	Required Tank Size Plus Additional 250 Gallons and 2 nd Tank or Compartment
Sewage Ejector Pump	Required Tank Size Plus Additional 500 Gallons and 2 nd Tank or Compartment

Isolation Distances in Feet to Water Supplies

From	To Tank	To Field
Private/Residential Wells	50	50
Type 2 and Type 3 Public Wells	75	75

Isolation Distances in Feet to Surface Water

From	To Tank	To Field
Surface Water - e.g. Lake, Pond, River, Stream	50	50
Low Area - Intermittent Standing Water	10	10
Open Ditch/Tile Line - Intermittent Flow	20	20
Open Ditch/Tile Line - Continuous Flow	50	50
Drains Designed to Lower Groundwater Table	50	50

Systems may not be constructed in any area subject to flooding. System placement may also be affected by other governing agencies (e.g. MDEQ).

General Isolation Distances in Feet

From	To Tank	To Field
House and Attached Garage	5	10
Detached Garage or Other Building	5	5
Property Line**	5	5
Ravines, Banks, Drop-Offs	5	10

**Property line does not include a property boundary that abuts a road right of way or road easement.

Variations: At the discretion of the health officer, variations may be granted for replacement systems serving existing homes. NO variations will be granted for new construction sites.

NOTICE: This Document serves only as a summary of the DHD2 Environmental Health Regulations and DOES NOT contain all regulatory information which may be required or which may apply to your property. Please visit the DHD2 website at WWW.DHD2.org or contact a local DHD2 office to review the regulations in their entirety.

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