

Figure: 30 TAC §285.91(2)

SEPTIC TANK MINIMUM LIQUID CAPACITY

A. Determine the applicable wastewater usage rate (Q) in TABLE III of 30 TAC Chapter 285.

B. Calculate the minimum septic tank volume (V) as follows:

1. For Q equal to or less than 250 gal/day:

$V = 750$ gallons

2. For Q greater than or equal to 251 gal/day but less than or equal to 350 gal/day:

$V = 1000$ gallons

3. For Q greater than or equal to 351 gal/day but less than or equal to 500 gal/day:

$V = 1250$ gallons

4. For Q greater than or equal to 501 gal/day but less than or equal to 1000 gal/day:

$V = 2.5 Q$

5. For Q greater than or equal to 1001 gal/day:

$V = 1,750 + 0.75Q$

AEROBIC TREATMENT UNIT SIZING FOR SINGLE FAMILY RESIDENCES, COMBINED FLOWS FROM SINGLE FAMILY RESIDENCES, OR MULTI-UNIT RESIDENTIAL DEVELOPMENTS

Number of bedrooms/living area of home	Minimum Aerobic Tank Treatment Capacity (gallons per day per residential unit)
One and two bedrooms and < 1,501 sq. ft.	360
Three bedrooms and < 2,501 sq. ft. or Less than three bedrooms and 1,500 < sq. ft. < 2,501	360
Four bedrooms and < 3,501 sq. ft. or Less than four bedrooms and 2,500 < sq. ft. < 3,501	480
Five bedrooms and < 4,501 sq. ft. or Less than five bedrooms and 3,500 < sq. ft. < 4,501	600
Six bedrooms and < 5,501 sq. ft. or Less than six bedrooms and 4,500 < sq. ft. < 5,501	720

Seven bedrooms and < 7,001 sq. ft. OR Less than seven bedrooms and 5,500 < sq. ft. < 7,001	840
Eight bedrooms and < 8,501 sq. ft. OR Less than eight bedrooms and 7,000 < sq. ft. < 8501	960
Nine bedrooms and < 10,001 sq. ft. OR Less than nine bedrooms and 8,500 < sq. ft. < 10,001	1,080
Ten bedrooms and < 11,501 sq. ft. OR Less than ten bedrooms and 10,000 < sq. ft. < 11,501	1,200
For each additional bedroom above ten OR 1,500 additional square feet of living area above 11,500	120