

ESTIMATED WATER DEMAND

Casitas Municipal Water District Demand Calculations
WEAP Ordinance

50 multifamily residential units

Essential=

84 units per year per dwelling unit (84 x 50) = 4,200 units/year/dwelling
Converted to gallons = 3,141,600 gallons/year/dwelling
Converted to AF/Y = **9.63 AF/Y**

Non-Essential =

After determining the number of tree planters required in the parking lot by the City of Ojai and other Planning Department details, we aggregated a total of **11,650 sq. ft** of landscaped area on our approximately 2-acre parcel.

15 gal for first 5,000 sq. ft. = 75,000 gal.
10 gal for the next 6,500 sq. ft. = 65,000 gal.

Total Non-Essential Water Demand = 140,000 gal or **0.43 AF/Y**

Both essential and non-essential water demand add up to 10.06 AF/Y*

* Many of the people that will live at Cabrillo Vistas will already be residents of the Ojai area and, therefore, will already be using water from either of the two water suppliers to the area. However, it is unlikely that these residents will be in developments with low-water-use landscaping and watering systems, or with high-efficiency plumbing fixtures.

* A gray-water system for the laundry room water will help to reduce water demand from this development.