

## **Living Unit Equivalent (LUE) Guidelines**

A living unit equivalent (LUE) is defined as the typical flow that would be produced by a small single family residence (SFR). An LUE is assumed to represent three (3) people living in a residence. For water requirements, this flow includes consumptive uses, such as lawn watering and evaporative coolers. The wastewater system does not receive all of these water flows, so the estimated LUEs may differ between water and wastewater for residences. For all commercial development wastewater LUEs will match water LUEs.

The following LUE Conversions can be used to ESTIMATE flows for various development types. These are only estimates for planning purposes. Each building or development is evaluated separately by fixture unit count to size the meters.

Proposed Development Intended Use                      Typical LUE Conversion (LUE per unit)

	Water LUE	Wastewater LUE
Small Single Family Residence; Modular Home; Mobile Home	1	1
Medium to Large Single Family Residence	1.5	1
Duplex	2	1
Very Large Single Family Residence:	2.5	2.5
Triplex; Fourplex; Condo Unit; PUD, Apartment Unit (6+ Units/Acre to 24 Units/Acre)	0.7	0.7
Condo or Apartment Unit (24+ Units/Acre)	0.5	0.5
Hotel or Motel Room	0.5	0.5

Proposed Development Intended Use                      LUE Conversion (Approximate Units per LUE)

For Commercial Development, Wastewater LUEs match Water LUEs

Office (Square Feet of Floor)	3000
Office Warehouse (Square Feet of Floor)	4000
Retail; Shopping Center (Square Feet of Floor)	1660
Restaurant; Cafeteria (Square Feet of Floor)	200
Hospital (Beds)	1
Rest Home (Beds)	2
Church (Worship Services Only) (Seats)	70
High / Middle School (Includes Gym and Cafeteria (Students)	13
Elementary School (Includes Gym and Cafeteria (Students)	15