

# Dedicated Irrigation Water Rates

## As of July 8, 2021

### Tier Allocation:

Tier 1 (Up to 125% of Billing Period Water Budget)	\$6.09
Tier 2 (Over 125% of Billing Period Water Budget)	\$7.54

Dedicated irrigation accounts are accounts that have a meter used solely for irrigation. These accounts shall have a user charge based on site-specific water budgets.

The billing period water budget is the amount of water needed to irrigate the specific area of landscape served by the dedicated irrigation account for the specific days covered by the billing period. The billing period water budget is determined monthly in arrears for each account in accordance with the following formula:

$$\text{Billing Period Water Budget} = \{.7 \times [\text{ETo} - \text{EP}] \times [\text{LAh} + \text{LAm}] \times \text{CF}\}$$

ETo (Reference Evapotranspiration) = Evapotranspiration is defined as the amount of water used by the plants (transpiration) and evaporated from the soil (evaporation). It is measured in inches by the Santa Rosa California Irrigation Management Information Systems (CIMIS) weather stations. Reference Evapotranspiration is a standard measurement of evapotranspiration for cool-season turf. The Billing Period ETo is the sum of the daily ETo for the specific days of the billing cycle.

EP (Effective Precipitation) = The depth of rainfall, measured in inches by the Santa Rosa CIMIS weather stations, that offsets ETo. It is assumed that only 1/3 of total rainfall offsets ETo. The Billing Period effective precipitation is for the specific days of the billing cycle.

LAh (landscape area high) = Square footage of site's landscape area consisting of high water use plants or uses (turfgrass, ornamental water features, annuals, plants in containers and plants with a plant factor greater than 0.6)

LAm (landscape area moderate) = Square footage of site's landscape area consisting of moderate and low water use plants (plants with a plant factor of 0.6 or less)

CF (Conversion factor) = 0.623, the number that converts square feet to gallons

Verifications of the connection site's landscape measurements may be requested by the customer. Adjustments to the landscape measurements may be made if changes, including but not limited to addition of landscape, changes to the plant type, or removal of landscape, are made to the connection site's landscape, however the adjustments cannot exceed the acceptable landscape plant mix as defined by the City's Water Efficient Landscape Ordinance (Chapter 14-30). To request a verification or adjustment for the connection site, contact the Utilities Department.