Allocation calculation methods by type of water user

Single-family residential, Multi-family residential, Master meter residential

$$Indoor\ allocation\ (HCF\ per\ month) = Dwelling\ Units\ x\ 2.65\ people\ x\ 55\ Gallons\ Per\ Capita\ Day\ x\ number\ of\ days\ in\ month\ \div 748$$

Indoor Allocation Notes

- *One hundred cubic feet (HCF) is equal to 748 gallons.*
- *The District uses the 2020 Census estimate of 2.65 people per dwelling unit.*
- *The District uses the State's expectation of efficient indoor water use per person.*

$$Outdoor\ allocation\ (HCF\ per\ month) = Evapotranspiration\ (ET)\ x\ Irrigated\ Area\ x\ Plant\ Factor\ x\ 0.62 \div 748$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*
- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.55 (new construction) 0.65 (old construction) according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Landscape irrigation

$$Outdoor\ allocation\ (HCF\ per\ month) = Evapotranspiration\ (ET)\ x\ Irrigated\ Area\ x\ Plant\ Factor\ x\ 0.62 \div 748$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*

- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.8 according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Commercial, Industrial, Public Authority*

$$Monthly\ allocation\ (HCF\ per\ month) = \ average\ historical\ water\ consumption$$

Allocation Notes

- **School fields and city parks classified as public authority accounts are treated as landscape irrigation accounts for the purpose of calculating an allocation.*
- *Historical water consumption is based on water use from 2017-2022.*

Parks and school fields

$$Outdoor\ allocation(HCF\ per\ month) = Evapotranspiration\ (ET)\ \ x\ Irrigated\ Area\ \ x\ \ Plant\ Factor\ \ x\ \ Conversion\ Factor$$

Outdoor Allocation Notes

- *The District uses monthly ET values from the California Irrigation Management Information System (CIMIS) Santa Barbara Station.*
- *Irrigated areas are based on aerial imagery analysis using aerial imagery from 2020.*
- *The District uses Plant Factors (also called ET factors) to represent efficient water demand of the landscape. Residential landscapes receive a plant factor of 0.8 according to the State's water use efficiency guidance.*
- *The conversion factor from inches to gallons is 0.62.*
- *One hundred cubic feet (HCF) is equal to 748 gallons.*

Agriculture

$$Monthly\ allocation\ (HCF\ per\ month) = \ average\ historical\ water\ consumption$$

- *Historical water consumption is based on water use from 2017-2022.*