



SCOTTS VALLEY WATER DISTRICT

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Policy

Number:	P500-15-2	Type of Policy:	Administration
Title:	Water Management Strategies for Demand Reduction		
Description:	Supplement to Water Shortage Contingency Plan 2020		
Original Adoption:	01/08/15	Reviewed:	05/12/22
Review Cycle:	5 years	Resolution No.:	05-22

The Scotts Valley Water District's five-stage demand reduction plan will be invoked during declared water shortages. The conservation stages vary depending on the causes, severity, and anticipated duration of the water supply shortages.

Stage 1: Up to 10% demand reduction

Stage 2: 10-20% demand reduction

Stage 3: 20-30% demand reduction

Stage 4: 30-50% demand reduction

Stage 5: Greater than 50% demand reduction

An allocation criterion has been developed for each major customer category. Different demand reduction goals are established for summer and winter season, mainly to account for the changes in irrigation patterns. In case of the declared water shortage, the Board of Directors determines the applicability of water shortage plan either for summer period only or extend the demand reduction to the whole year. Respective reduction goals are presented in Table 1 and Table 2.

Separate allocation targets are established for different customer categories. The specific allocation methods are determined based on the severity of the shortage. Stage 5 water shortage is established only in an extreme situation, which warrants a case-by-case assessment and establishment of exclusive measures to address the specific conditions.

Table 1: Allocation targets in the summer months (May 1 - October 31)

Potable Consumption	Stage 2 %	Stage 3 %	Stage 4 %
Residential – Single Family	85%	75%	64%
Residential – Multi Family	90%	85%	75%
Commercial	95%	90%	80%
Landscape	80%	60%	50%
Total Consumption	87%	78%	68%
Total Reduction	13%	22%	32%

Table 2: Allocation targets in the winter months (November 1 – April 30)

Potable Consumption	Stage 2 %	Stage 3 %	Stage 4 %
Residential – Single Family	90%	85%	75%
Residential – Multi Family	90%	85%	75%
Commercial	95%	90%	80%
Landscape	80%	75%	50%
Total Consumption	91%	86%	76%
Total Reduction	9%	14%	24%

The total estimated annual cumulative reduction in Stage 2 is **10%**, in Stage 3 **20%**, and in Stage 4 **30%**.

To achieve the demand reduction in Single Family Residential category in Stage 3 and Stage 4, the Board of Directors may authorize per capita allocations that are presented in Table 3. The approach provides a target allocation for households based on their size.

Table 3: Single Family Residential budget allocations

Potable Consumption	Stage 2 GPCD	Stage 3 GPCD	Stage 4 GPCD
May 1 – October 31 SFR Per Capita Usage	58	51	44
November 1 – April 30 SFR Per Capita Usage	45	41	36