

Annual Water Supply and Demand Assessment for §10632.1													= Surplus/Shortage
													= Demand and Supply
													= Benefit from WSCP
Potable Water Shortage Assessment1	Start Year: 2024						Volumetric Unit Used:						AF
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Anticipated Unconstrained Demand	52	49	46	46	43	41	37	35	38	41	43	46	515.77
Anticipated Total Water Supply	55.5	49.2	40.7	38.4	41.2	43.8	44.7	39.3	38.2	39.0	43.5	46.2	519.90
Surplus/Shortage w/o WSCP Action	3.7	0.2	-5.1	-7.9	-1.6	2.8	7.6	4.7	0.4	-1.7	0.5	0.5	4.1
% Surplus/Shortage w/o WSCP Action	7%	0%	-11%	-17%	-4%	7%	20%	14%	1%	-4%	1%	1%	1%
State Standard Shortage Level	1	1	2	2	1	2	2	1	1	1	0	0	0
Planned WSCP Actions													
Benefit from WSCP: Supply Augmentation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Benefit from WSCP: Demand Reduction	5.2	4.9	9.2	9.3	4.3	8.2	7.4	3.5	3.8	4.1	0.0	0.0	59.7
Revised Surplus/Shortage with WSCP	8.9	5.1	4.1	1.3	2.7	11.0	15.0	8.2	4.2	2.4	0.5	0.5	63.9
% Revised Surplus/Shortage with WSCP	17%	10%	9%	3%	6%	27%	40%	24%	11%	6%	1%	1%	12%
1Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.													

Definitions for Terms Used in This Table

Anticipated Unconstrained Demand: Projection based on the average water production over the last 3 reporting years (July 2018 -June 2021).

Actual Demand: The total amount of potable water produced for the month.

Supply Adjustment: Observed aquifer recharge/depletion from seasonal precipitation/lack thereof.

Anticipated Total Water Supply: The target amount to be produced assuming dry years conditions.

Anticipated Surplus/Shortage w/o WSCP: The volumetric difference in the anticipated unconstrained demand and anticipated total water supply without any shortage response actions.

Anticipated % Surplus/Shortage w/o WSCP Action: The difference in the anticipated unconstrained demand and anticipated total water supply without any shortage response actions expressed as a percentage

State Standard Shortage Level: The corresponding shortage level per California Water Code Section 10632(a)(3)(A).

Anticipated Benefit from WSCP - Supply Augmentation: Projected volume of water added to the supply, such as from the operation of the Water Reclamation Facility.

Anticipated Benefit from WSCP - Demand Reduction: Projected volume of water conserved through shortage response actions.

Actual Benefit from WSCP Action: Actual supply augmentation or demand reduction achieved.

Revised Anticipated Surplus/Shortage w/WSCP Action: Volumetric difference between the anticipated surplus/shortage w/o WSCP action and the actual benefits obtained.

Revised Anticipated % Surplus/Shortage w/WSCP Action: Difference between the anticipated surplus/shortage w/o WSCP action and the actual benefits obtained expressed as a percentage.

Actual Surplus/Shortage: Volumetric difference between the anticipated total water supply (including any adjustments) and the actual total demand.

Actual % Surplus/Shortage: Difference between the anticipated total water supply (including any adjustments) and the actual total demand expressed as a percentage.

WSCP: Water Shortage Contingency Plan