



2023 ANNUAL WATER SUPPLY AND DEMAND ASSESSMENT



Executive Committee
June 7, 2023

What is the AWSDA?

- Annual Water Supply and Demand Assessment (AWSDA) required under CWC § 10632
- AWSDA evaluates the potential for shortage assuming the next year (July 2023 – June 2024) has dry year conditions
 - Based on current year (July 2022 – June 2023) demands and status of supplies
 - Requires evaluation using unconstrained demands
- Potential shortage response actions are identified, and expected water savings calculated to verify actions expected to be sufficient

Required Contents

- Five required tables:
 - District and AWSDA Information
 - Next Year Unconstrained Demands – assumes dry year conditions, with no water use restrictions
 - Next Year Supplies – assumes dry year conditions
 - Water Demand and Supply Comparison – assumes dry year conditions
 - Water Shortage Contingency Plan Actions – water use restriction actions currently implemented, expected to be implemented, or may be implemented if a shortage is expected

Methodology

- Dry year affects on demand and supply derived from 2020 UWMP
- Demand decreased ~9% from normal conditions
 - Applied this decrease to July 2022 – June 2023 data (May, and June estimated)
- Assume next year is a dry year - demand at ~107% of normal
- Supplies vary depending on source
 - Water from Lake Hodges assumed reduced to 0 AFY
 - Any potable demands not met with local supplies would be met with purchased water from SDCWA
 - Recycled supplies increased to match recycled water demands

AWSDA Timeline

Date	Action
June 15, 2023	Present to District Board of Directors for review
July 1, 2023	Submit approved AWSDA to DWR

RESCIND DROUGHT LEVEL 2 ACTIONS

June 7, 2023



Timeline

- Drought Level 1 – September 2021
 - Voluntary actions

- Drought Level 2 Actions – June 2022
 - Mandatory Level 1
 - Prohibition of Non-functional turf in CII

- Level 2 Actions
 - Outdoor watering that lets water run onto sidewalks and other areas (except incidental runoff)
 - Washing vehicles without an automatic shutoff nozzle
 - Washing hard surfaces like driveways or sidewalks that don't absorb water
 - Street cleaning or construction site preparation
 - Filling decorative fountains, lakes, or ponds without a recirculation pump
 - Outdoor watering within 48 hours after at least 1/4 inch of rainfall
 - Watering decorative grass on public medians
 - Mandatory AMI portal sign-up

State Actions 2023

- March - Governor's Executive Order
 - Rescinded previous order effective immediately
- April - DWR sets Table A – 100%
- SWRCB ending 15% reporting
 - Current status
 - Non-functional Turf Prohibition expires June 2023
 - Emergency Drought expires December 2023

Water Agencies

- MWD – ended their SWP restrictions in March
- SDCWA – June Board meeting – Lift Water Shortage Contingency Plan

Recommendation

- Rescind Drought Level 2 Actions
- Move to Drought Level 1
 - Additional Prohibition on Non-functional turf in CII

- Return to Board to update Admin Policy regarding non-functional turf after legislation

LEGISLATIVE UPDATE

June 7, 2023



Water Rights Bills

- Oppose the following Bills:
- AB 460 – Bauer-Kahan (Orinda)
- AB 1272 – Wood (Healdsburg)
- SB 389 – Allen (Santa Monica)

Bonds

- SB 867 – Allen, Becker, Portatino and Stern, and Dodd
 - Drought, Flood and Water Resilience, Wildfire and Forest Resilience, Coastal Resilience, Extreme Heat Mitigation, Biodiversity and Nature-Based Climate Solutions, Climate Smart Agriculture, Park Creation and Outdoor Access, and Clean Energy Bond Act of 2024 – \$15.5 Billion

Water-Use Efficiency

- SB 676 – Drought tolerant landscaping
 - Prohibit charter city, county, or city and county to prohibit drought tolerant landscaping using live plant material
 - Require native or climate appropriate plant species
 - Residential properties must meet conservation and design standards
 - Excludes artificial turf
- AB 1572 and 1573 (Friedman) – Landscape plants, non-functional turf
 - Moving through committees with minimal objections

Trailer Bills – Should We Consider Positions

- CEQA – Infrastructure Streamlining Projects
 - Drought and Flood Streamlining
 - Administrative Record Reform
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- Delta Reform Act Streamlining
 - Reclassification of Fully Protected Species
 - Progressive Design Build Authority for DWR and Caltrans