

Review Potential Modifications to Water Supply Allocation Plan Definitions and Procedures

Water Planning and Stewardship Committee
Item 9-2
July 13, 2010

Overview

- 12-Month Review Process
- Proposed adjustments to the WSAP formula
- Other identified issues
- Next steps

WSAP 12-Month Review Process

- Adoption of WSAP called for a review of the plan 12 months following implementation
- 8 workshops and 2 conference calls with Member Agency Managers since January 2010
- Issues were focused in three main categories
 - Groundwater basin management
 - Local supply production
 - Demand hardening

Proposed Adjustments to WSAP – Changes in Terminology

- Remove references to gains and losses of local supply
- Remove references to Regional Shortage Percentage

Proposed Adjustments to WSAP – Changes to Formula

- Include the Retail Impact Adjustment in Regional Shortage Levels 1 and 2
- Revise the Extraordinary Supply methodology
- Include a minimum per-capita water use threshold
- Exclude seawater barrier deliveries from the WSAP Formula and allocate separately

Revise the Retail Impact Adjustment

Proposal:

- Include Retail Impact Adjustment in Regional Shortage Levels 1 and 2

Impact:

- Provides additional allocation to agencies based on retail level need
- Provides consistency between Levels 1&2 and Level 3
- Potential to shift shortages to a deeper Level
 - 56,000 AF of total additional allocation in 2010-11

Revise the Extraordinary Supply Methodology

Proposal:

- Remove Base Period Local Supply threshold
- Remove “sharing” provision from Wholesale Minimum Allocation
 - Proportions of Extraordinary Production by WSAP Level will no longer be added to local supplies
- Reflect true need in the Retail Impact Adjustment
 - Dependence on MWD will be reduced by Extraordinary Supplies

Impact:

- Individual agencies will get a greater benefit from their Extraordinary Supplies

Impact – Agency Level Example*

Net Value of 10 TAF of Extraordinary Production

WSAP Level	Change (AF)
1	0
2	0
3	898
4	1,096
5	1,242
6	1,337
7	1,379
8	1,368
9	1,304
10	1,188

*Example 100 TAF Retail Demand, 50% MWD Dependence

Include a Minimum Per-Capita Water Use Threshold

Proposal:

- Compare Member Agency GPCD under WSAP to minimum threshold
- Ensure that no agency has less than 100 GPCD for total use or 55 GPCD for residential use
- Credit for acre-foot equivalent of GPCD below minimum threshold

Impact:

- Agencies with low per capita water use will receive a minimum of 100 GPCD

Exclude Seawater Barrier Deliveries from the WSAP Formula

Proposal:

- Remove seawater barrier from the Base Period and the WSAP Allocation Year
- Allow the Board to determine allocation of barrier demand separately from WSAP
 - Seawater barrier allocations would be no deeper than the concurrent WSAP Wholesale Minimum Percentage

Impact:

- More explicitly reflects the need for seawater barrier supplies

Other Identified Issues

Issues to be Addressed by Appeal

- Losses of supply in basins used as distribution systems
- Exclude physically isolated areas from the WSAP formula
- Treatment of WQ and physical solution obligations in the WSAP formula

Other Identified Issues

- Conversion of replenishment demands to firm demands
- Increase the Conserving Rate Structure Credit
- Modify how the Base Period Local Supplies are calculated
- Capacity charges should not be impacted by the WSAP
- Fire suppression/maintenance water should be excluded from the WSAP

Other Identified Issues

- Adjudications that require replenishment supplies
- Potential changes to the Growth Adjustment from the WSAP formula
- WSAP Base Period selection

Next Steps

- Committee Feedback – July 2010
- Board Action – August 2010
- 3-year revisit of WSAP in 2011

