

Approve submittal of Proposals in Response to Component 2 of USBR's Lower Colorado Conservation and Efficiency Program

Board of Directors Meeting

July 11, 2023



Our Mission

To meet the water-related needs of the people through dedicated employees, providing high quality water at a reasonable cost.

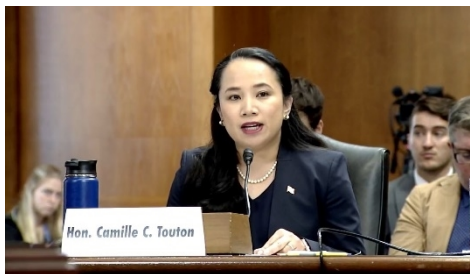
Requested action

- ❑ Authorize submittal of proposals for voluntary participation in Component 2 the U.S. Bureau of Reclamation's Lower Colorado Conservation and Efficiency Program
 - ✓ *Water Reclamation Plant 4 Recycled Water Expansion Project (WRP4 Expansion Project, 30-year term)*
 - ✓ *Golf Course Conservation Program (10-year term)*



Colorado River negotiations update

Protect 3,500' @Lake Powell, 1,000' @ Lake Mead



- 2- 4 maf/yr additional reductions (2023-26)



- \$4 B for drought mitigation
- Components 1.a. & 1.b. (short-term actions) open



Proposals

- 6-Status Consensus
- California



Seven Basin States agree to the submission of a Lower Basin, consensus-based system conservation proposal to protect the Colorado River Basin

The Department of the Interior today announced that it is temporarily withdrawing the draft Supplemental Environmental Impact Statement published last month so that it can fully analyze the effects of the proposal under the National Environmental Policy Act.

- Alternative proposal commits to additional 3 maf total (2023-26)



- CA parties committed to additional 400 taf/yr
- voluntary & compensated



FEDERAL REGISTER
The Daily Journal of the United States Government

- Modify '07 Guidelines
- Protection elevations
 - ✓ 3,490' at Lake Powell
 - ✓ 950' at Lake Mead



USBR alternatives

- up to 4 maf/yr reductions, based on
 - ✓ Alt 1, Law of the River
 - ✓ Alt 2, 2021 Consumption



- Component 2 (long-term actions) opens

CVWD's voluntary actions

Voluntary

Temporary

Compensated

❑ 500+ Plan (\$200 M)

- ✓ *agricultural conservation program (not implemented)*
- ✓ *replenishment curtailment program*
 - 9,083 af conserved in 2022
 - \$2.38 M reimbursed (\$261.60/af)

❑ Lower Colorado Conservation and Efficiency Program (\$4 B)

- ✓ *short-term actions (execution stage)*
 - Replenishment Facilities Curtailment Program
 - up to 35 taf/yr for 3 years (up to 105 taf total)
 - \$42 M total reimbursed @ \$400/af
- ✓ *short-term actions (in negotiations)*
 - Colorado River Water Conservation Program (ag following)
 - up to 10 taf/yr for 3 years (up to 30 taf total)
- ✓ *longer-term actions (proposals due 7/19)*
 - seeking authorization to submit proposals for recycled water expansion & golf course conservation



WRP 4 recycled water expansion project

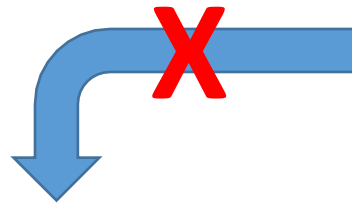
1) 1 mgd plant expansion
\$39 M



2) provides up
to 1,120 af/yr of
recycled water



3) ...displacing
1,120 af/yr of
canal water



4) ...leaving 1,120
af/yr in Lake
Mead



Summary

- ☐ funding request - \$39 M
- ☐ term - 30 years
- ☐ annual volume - 1,120 af/yr
- ☐ total volume - 33,660 af
- ☐ unit cost - \$1,161/af
- ☐ use water order process for accounting



Your water is our promise

Golf course conservation program

1) Irrigation improvements



2) Turf removal



3) ...reduces up
to 300 af/yr



4) ...leaving 300 af/yr

in Lake Mead



Summary

- ☐ \$2.30/ft² for turf removed
 - ✓ \$2.00/ft² (golf courses)
 - ✓ \$0.30/ft² (CVWD)
- ☐ term – 10 years
- ☐ annual volume – 300 af/yr
- ☐ total volume – 3,000 af
- ☐ unit cost - \$2,863/af
- ☐ funding request - \$9 M



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Potential future actions

- ☐ Approve California Colorado River Contractors Forbearance Agreement
- ☐ Approve implementation of Colorado River Water Conservation Program (ag conservation) for 3 years
- ☐ Approve CVWD's Component 2 LC Conservation and Efficiency Program
 - ✓ *WRP4 Recycled Water Expansion Project*
 - ✓ *Golf Course Conservation Program*
- ☐ Consider and approve extension to Replenishment Facilities Curtailment Program



Questions?



Courtesy of AZCentral



Courtesy of new.azwater.gov



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