



DEPARTMENT OF WATER RESOURCES  
 Division of Operations and Maintenance  
 3310 El Camino Avenue, Suite 300  
 Sacramento, California 95821



— BUREAU OF —  
**RECLAMATION**

BUREAU OF RECLAMATION  
 Central Valley Operations Office  
 3310 El Camino Avenue, Suite 300  
 Sacramento, California 95821

Erik Ekdahl  
 State Water Resources Control Board  
 1001 I Street  
 Sacramento, California 95814

Subject: Report on Condition 6 of the June 1, 2021 Temporary Urgency Change Order

Dear Mr. Ekdahl:

In its June 1, 2021 Order Conditionally Approving a Petition for Temporary Urgency Changes in License and Permit Terms and Conditions Requiring Compliance with Delta Water Quality Objectives in Response to Drought Conditions (Order), the State Water Resources Control Board (Board) required the Department of Water Resources (DWR) and the U.S. Bureau of Reclamation (Reclamation) to *“evaluate the possibility for dedicating a portion of the volume of water conserved by the changes approved in this Order to provide pulse flows or other improvements in flows above and beyond D-1641 requirements next water year to provide improved conditions for beneficial uses of water to the extent feasible based on hydrologic conditions.”* In compliance with this requirement, DWR and Reclamation are presenting this report.

The Order was in place from June 1 through August 15, 2021. The Projects accounted for conserved water under the Temporary Urgency Change Petition (TUCP), and monthly reports of this accounting were submitted to the State Water Resources Control Board and fishery agencies as required.

Over the two and a half months the Order was in effect, DWR and Reclamation estimate that up to 288 thousand-acre-feet (TAF) of water was not released to meet D-1641 outflow and Western Delta agricultural water quality requirements. A monthly breakdown of the total volume not released follows in Table 1 below.

<b>June</b>	<b>July</b>	<b>August</b>
144 TAF	119 TAF	25 TAF

*Table1: Estimated water conserved as a result of the TUCP by month*

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Water not released due to these modified objectives was temporarily retained in upstream reservoirs, primarily in Shasta Reservoir. However, it must be recognized that there was a hydrologic deficit in the system. Water supply was limited due to the drought, which is why the Projects submitted a TUCP requesting modifications to certain objectives. Even with the TUCO in place, continued extreme dry conditions and loss of reservoir inflows resulted in Shasta storage falling below the targets that were set in June of 2021. The TUCO served in limiting the extent of drawdown below the target; however, it is speculative that without the TUCO this 288 TAF would have been released given the extremely low storages reached by the end of WY 2021 at all CVP and SWP reservoirs. In addition, the drought is continuing into 2022 with below average storage at all CVP and SWP reservoirs, especially at Shasta reservoir.

As a result, there is no volume of conserved water available to provide pulse flows or other improvements in flows above and beyond D-1641 in water year 2022.

If you have any questions about this submittal, please contact Molly White of DWR at (916) 574-2722 or Kristin White of Reclamation at (916) 979-2199.

Sincerely,

*Molly White*

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Molly White, Manager  
Water Operations Office  
Division of Operations and Maintenance  
Department of Water Resources

*Kristin White*

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Kristin White, Operations Manager  
Central Valley Operations Office  
Bureau of Reclamation

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