



THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

Board Report

Water Resource Management Group

- **Update on California Aqueduct Subsidence**

Summary

In May 2025, the Department of Water Resources (DWR) published a technical report that addresses impacts to State Water Project (SWP) delivery capability caused by past and projected land subsidence along the California Aqueduct. The report is an addendum to the SWP Delivery Capability Report 2023, published in 2024. While the estimates of delivery capability presented in the addendum contain a high degree of uncertainty, they show that without additional operational and physical modifications, subsidence has the potential to cause significant reductions in SWP delivery capability. DWR has developed the California Aqueduct Subsidence Program (CASP) to address subsidence and has been working with the United States Bureau of Reclamation on plans for addressing subsidence in the joint-use portion of the California Aqueduct. Given the current and future actions of CASP, DWR recommends that the projections in the addendum not be used for long-term planning purposes. DWR efforts are focused on (1) near-term and long-term fixes to California Aqueduct infrastructure, (2) engagement with groundwater sustainability agencies to stop additional subsidence, and (3) coordination with partners to secure additional funding to address subsidence.

Purpose

Informational

Attachments

None

Detailed Report

The State Water Project Delivery Capability Report 2023 Addendum on Impacts of Subsidence can be accessed at the following URL:

https://data.cnra.ca.gov/dataset/a3bb1ddd-624b-4c3d-95e7-2aa6b3bf2b5b/resource/478ff1a8-b7fb-4d3f-95de-3bc90cf047f0/download/dcr2023_impacts_of_subsidence_20250506.pdf