



ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7

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**ORIGINATING SECTION: INTEGRATED PLANNING**

**CONTACT: Amparo Flores**

**AGENDA DATE:** November 14, 2018

**ITEM NO. 10**

**SUBJECT:** 2019 Water Supply Evaluation Update – Preliminary Findings

**SUMMARY:**

In 2016, staff completed the Water Supply Evaluation Update (2016 WSE Update), which evaluated a number of water supply options including California WaterFix, potable reuse (purified recycled water), and desalination. Since then, new information on the various projects has become available. For example, the Joint Tri-Valley Potable Reuse Technical Feasibility Study was recently completed in May 2018, providing a more detailed evaluation of the potential yield and cost range of potable reuse. In addition, the Board has approved consideration of other water supply alternatives, such as Sites Reservoir and Los Vaqueros Reservoir Expansion, since the 2016 WSE Update was completed. Finally, the State of California has begun rolling out the Long-Term Conservation Framework, which goes beyond the Water Conservation Act of 2009 and will have a major impact on demands throughout the State. Staff is therefore undertaking the 2019 Water Supply Evaluation Update (2019 WSE Update) to incorporate these developments, and to inform the Board's upcoming decisions on near- and long-term water supply issues.

Staff will give a presentation on preliminary findings for the 2019 WSE Update that will include:

- key water supply and storage projects under consideration, including Sites Reservoir and Los Vaqueros Expansion,
- portfolios of water supply projects and their performance relative to Zone 7's reliability policy goals,
- preliminary projections of future water demand and their impacts on water supply reliability, and
- the latest estimates of the costs of various water supply reliability projects.

The presentation will incorporate comments received from the Water Resources Committee meeting on November 5, 2018, in addition to retailer comments.

**FUNDING:**

The 2019 WSE Update is funded by Fund 100 (Water Enterprise) and Fund 130 (Expansion).

**RECOMMENDED ACTION:**

Discuss and provide direction to staff.

**ATTACHMENTS:**

None.