

Metropolitan Water District of Salt Lake & Sandy
Board Meeting – Work Session
Last Update: February 14, 2019

Agenda Item: 2019 Supply & Demand Master Plan & Facility Demand Analysis

Objective: Present findings of the 2019 MWDSLs Supply & Demand Master Plan and Facility Demand Analysis reports.

Background: The Metropolitan Water District of Salt Lake and Sandy (MWDSLs) desired to develop an update plan to its water system. In 2018 MWDSLs contracted with Bowen, Collins & Associates (BCA) to prepare a series of two (2) reports that comprise high level planning for the District's overall water system. The reports are entitled (1) Supply and Demand Master Plan and (2) Facilities Demand Analysis. These two documents will become the basis for the 2020 MWDSLs District Wide Master Plan Update report scheduled to begin in July 2019.

Previous master planning documents include MWDSLs Supply and Demand Study, completed in September 2006. It was followed by a second document entitled Salt Lake County Demand & Supply study that was facilitated by MWDSLs and consisted of participants from Jordan Valley Water Conservancy District (JVWCD), Murray City Public Services, and Holliday Water Company. This document was completed in September 2007.

For practical purposes, all demand on the District comes from its two member agencies: Salt Lake City (SLC) and Sandy City (Sandy). Both agencies have recently completed their own Supply & Demand studies and reported some changes that will, or have the potential to, affect demand on the District. Changes that need to be evaluated and addressed for the District to meet its future water supply will be the subject of the presentation.

The Facility Demand Analysis is a companion report that considers MWDSLs existing infrastructure with respect to meeting the member cities demands out to 2060. The capabilities and limitations of the existing infrastructure will be presented. Also presented will be three decision options to assure full capacity deliveries for our member cities in the future.

Committee Activity: The 2019 Supply & Demand Study and Facilities Demand Analysis reports have not been discussed with the engineering committee.

Recommendation: Review and discuss information.

Attachments (*Made available at Board meeting*):

1. Supply and Demand Master Plan – Part 1 of water master plan
2. Facility Demand Analysis – Part 2 of water master plan