

2024 Water Resources Development and Management Plan Update

WATER SUPPLY-DEMAND IMBALANCE COORDINATION CALL WITH EID

July 29, 2024; 10 a.m. – 11 a.m.

Virtual Meeting

Meeting Summary

Meeting Objective: Brief El Dorado Irrigation District (EID) on the Plan Advisory Group (PAG) meeting #1 that discussed the process and assumptions for the updated Water Supply-Demand Imbalance (SDI) Analysis for the West Slope to be incorporated into the 2024 update of the Water Resources Development and Management Plan (WRDMP).

The following is a summary of comments and questions that were provided by EID and addressed by El Dorado Water Agency (EDWA) staff and consultants.

Opening Remarks and WRDMP24 Schedule

Rebecca Guo, General Manager, EDWA provided opening remarks and shared the schedule for the 2024 WRDMP update and provided recap of the first PAG meeting.

Proposed Approach for Water Supply-Demand Imbalance Analysis for WRDMP24

Ibrahim Khadam, Khadam Consulting, reviewed changes from 2019 WRDMP, including changes in land use and proposed approach for M&I and agricultural water demands. Key discussion points include:

- Biran agreed that changes in land use are minimal and supported the recommendations to maintain the approach used in the 2019 SDI Analysis with targeted refinements.
 - Areas identified for further review are M&I water loss factors and assumptions for commercial, industrial, and institutional Demands.
- Brian noted that another area of concern for EID is the agricultural water demand forecast in EID service area, which is project to grow from EID's current deliveries of 3,000 to 20,000 acre-feet. EDWA staff provided the following clarifications:
 - The agricultural water demand projections reflect buildout conditions based on the General Plan capacity. It reflects the maximum developable footprint, which considers land suitability and economic viability for West Slope specialty crops).
 - Although EID may be delivering 3,000 acre-feet of raw water for farms, the current demand is likely higher because of delivery of treated water to farms in Apple Hill Area, and reliance of many farms on groundwater from fractured rocks in the south county area.
 - Davids Engineering is conducting a field validation of crop water demand factors working with growers and coordinating with EID to access its historical water use data.

Review of EID Master Plan for Treated Water and Recycle Water Systems

EDWA conducted review of EID master plan and noted the consistency with 2019 SDI Analysis. The review highlight differences in agricultural water demands that affect the assessment of supply gap in EID service area. EDWA will share the review with EID.

Action Items and Next Steps

- **Rebecca:** Schedule a follow up meeting with EID, including John Money, for August 13, 2024, to review EID specific water demand assumptions.
- **Ibrahim:** Prepare detailed data for EID water demand from the 2019 SDI Analysis.

Participation

Organization	Name
SDI Members	
El Dorado Water Agency	Rebecca Guo, General Manager
El Dorado Irrigation District	Brian Mueller, Director of Engineering
Support	
Khadam Consulting	Ibrahim Khadam, Principal Engineer