LESJWA Regional Agricultural Pipeline Conversion Project

October 17, 2019



Elsinore Valley Municipal Water District

EXISTING SYSTEM

- Recycled water effluent from RWRF is pumped though an existing Pipeline to the Wasson Sill
- From the Wasson Sill effluent flows to the Lake Elsinore Outlet Channel (LEOC)
- Then the effluent is conveyed through the LEOC to Lake Elsinore through a dissipation structure



PROJECT OVERVIEW

Cooperative Agreement

- EVMWD, City of Lake Elsinore, and Riverside County Flood Control and Water Conservation District are three-way partners for the design and construction
- Brief Overview
 - Existing 36" RCP Agricultural (Ag) pipeline was converted to an effluent conveyance line
 - Extensive CEQA and Cultural Resources permitting required



Temporary Bypassing Operation

PROJECT DETAILS

- Contract Duration
 - 6 month construction duration
- Work Components
 - Cleaning and inspection of 6,200 LF of 36" RCP pipe
 - Wasson Sill Concrete Vault Modifications (with (2) new 30" slide gates and a new precast 8'x8' vault)
 - (2) new 5 foot diameter manholes
 - 620 LF of new 36" PVC pipe
 - New dissipation structure at Lake Elsinore
- \$1.3 M construction cost



Wasson Sill Diversion Structure

PROJECT BENEFITS

- Reduces vegetation in LEOC
- Decreases maintenance costs
- Decreases evaporation and evapotranspiration
- Improves water flows and quality into Lake Elsinore



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CURRENT OPERATION

- RWQCB approves DP-002A at 10/25 Board Meeting
- RCFCWCD will start cleaning of the entire Channel after approval
- Coordination cleanup with all three partnering agencies



QUESTIONS?



