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
• 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
• Reduces vegetation in LEOC
• Decreases maintenance costs
• Decreases evaporation and evapotranspiration
• Improves water flows and quality into Lake Elsinore
• 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?
THANK YOU!