



# CCWD Operations During the Drought

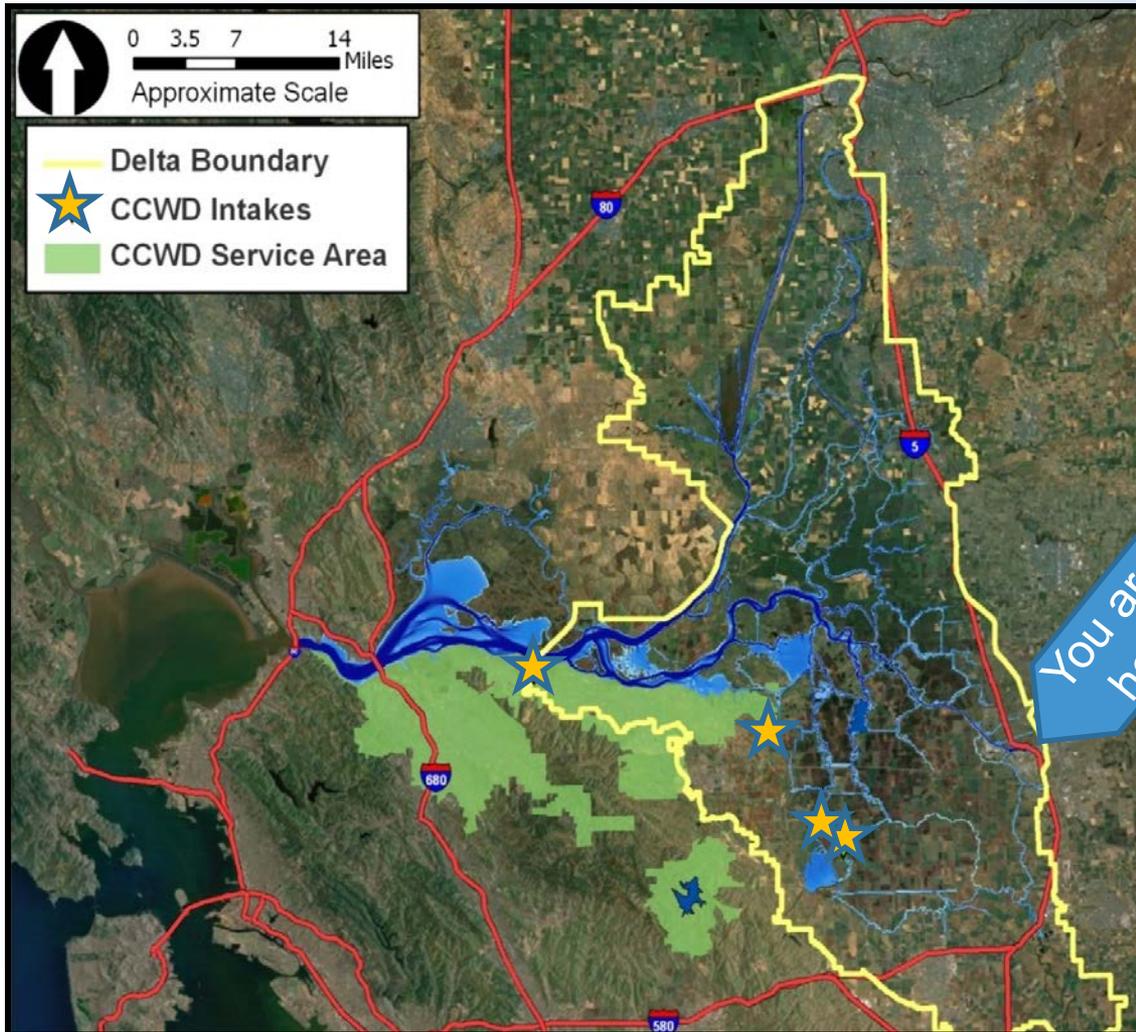
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**Lucinda Shih**

WEF Drought and the Delta Panel

October 25, 2016





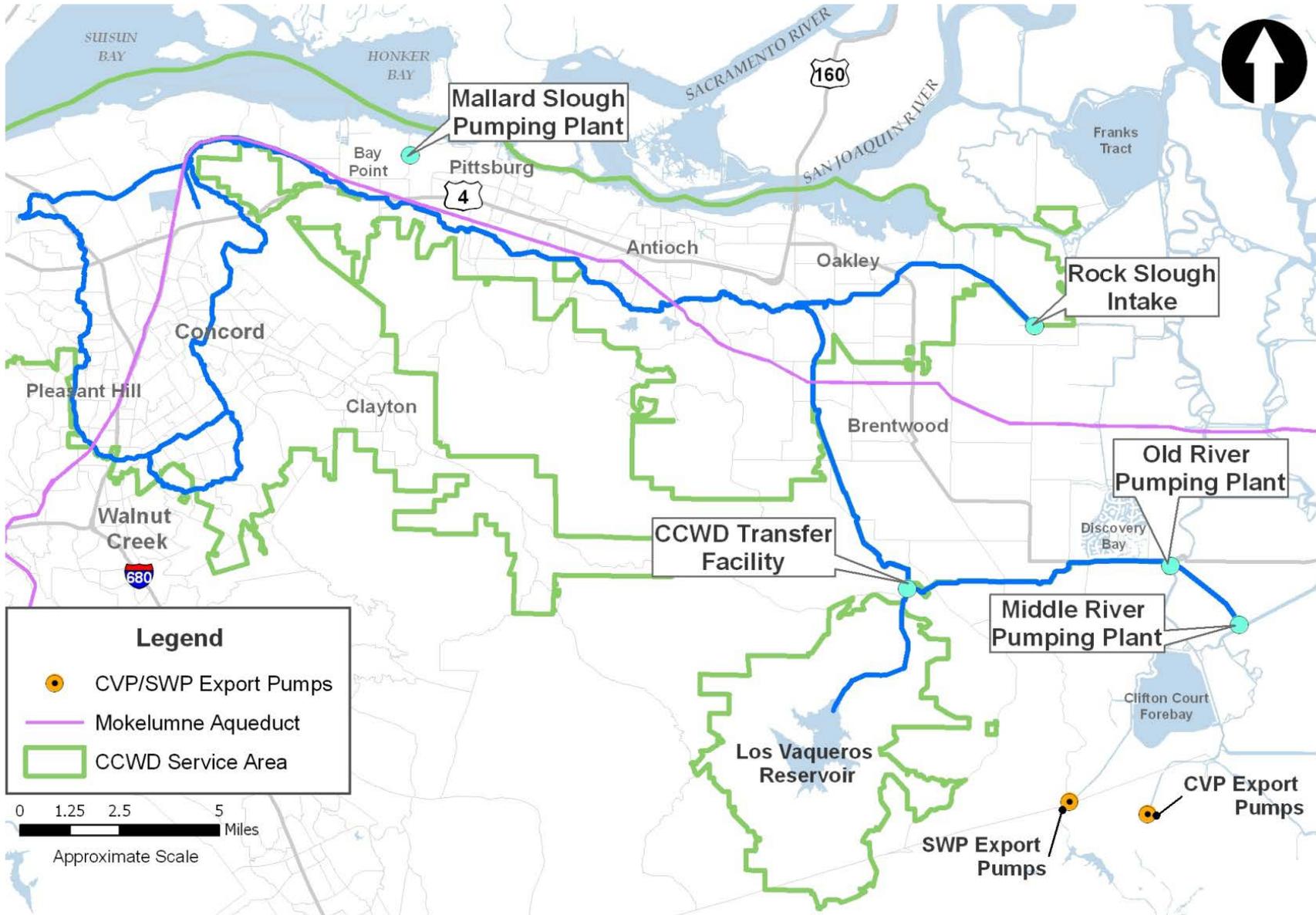
## CCWD Sources of Water Supply

- Delta surface water
  - CVP contract
  - local water rights
- Groundwater
- Recycled water

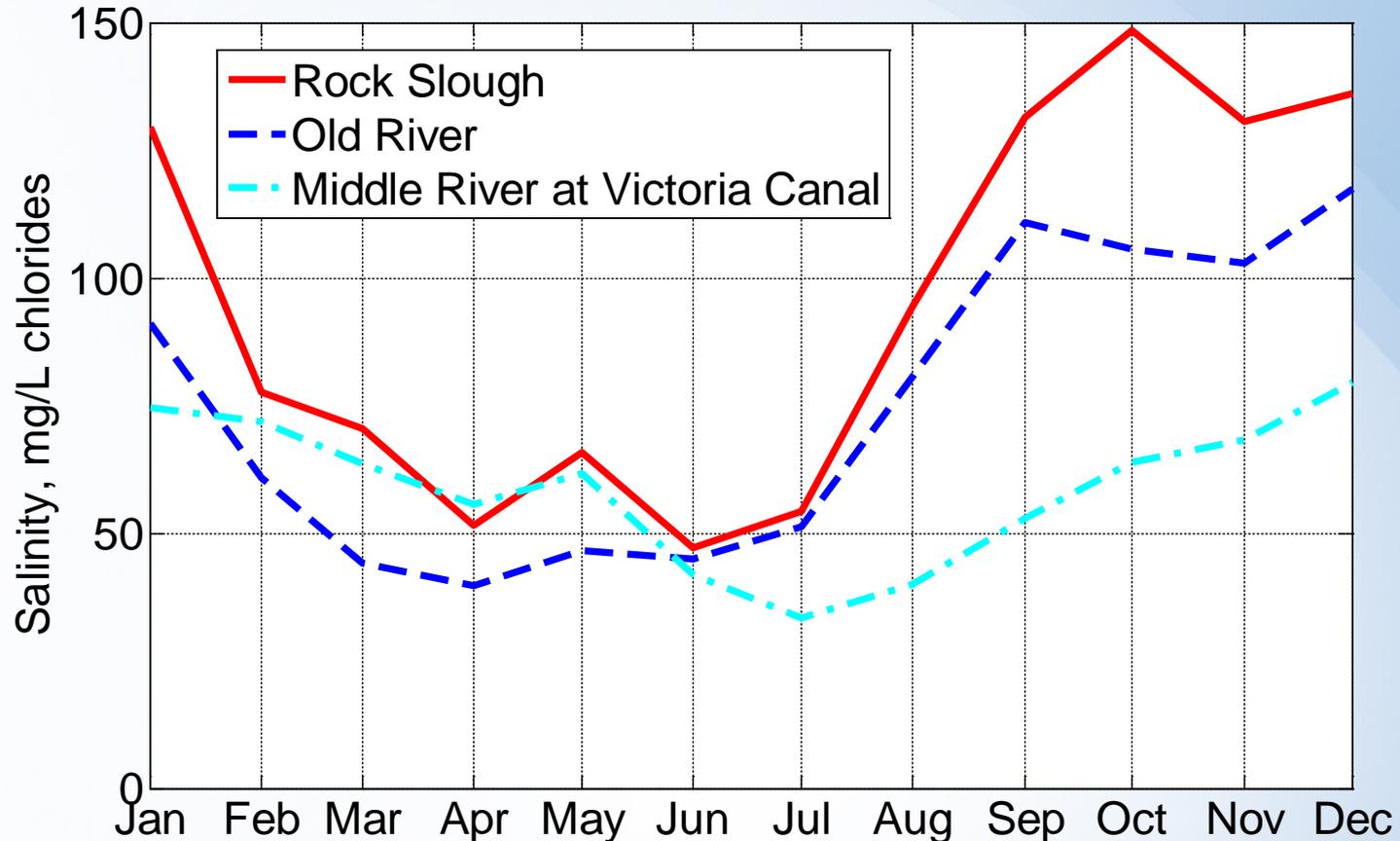




# CCWD Facilities



Monthly Average Historical Salinity at CCWD Intakes, 1999-2016



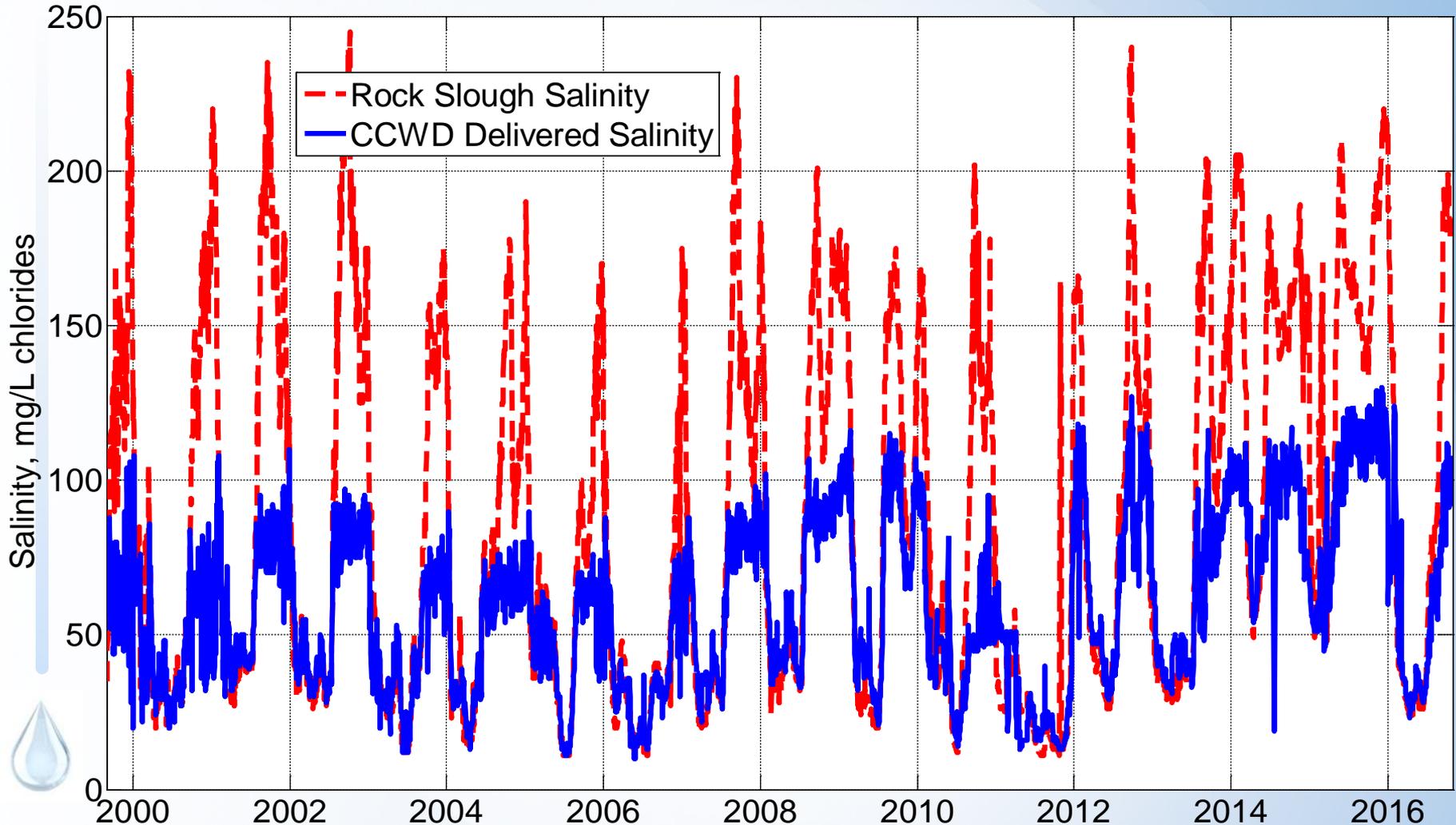
## Water Quality-Based Operational Rules

- Fill reservoir in winter/spring when Delta salinity is low
- Release stored supplies to blend with Delta diversions in summer/fall when Delta salinity is high



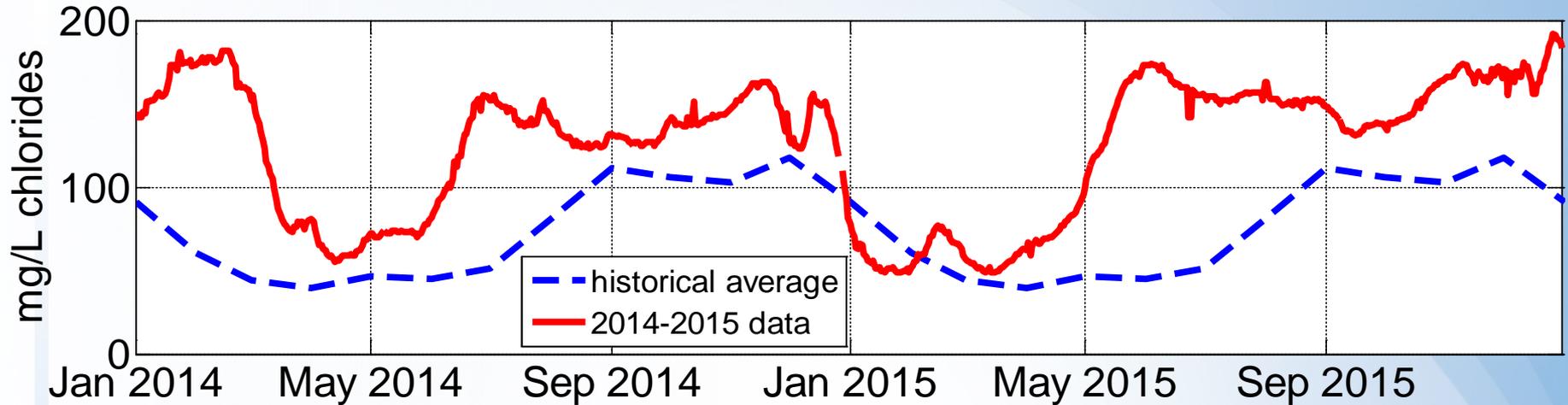
# CCWD Water Quality Operations

Los Vaqueros Reservoir has improved CCWD delivered water quality in summer/fall and during droughts

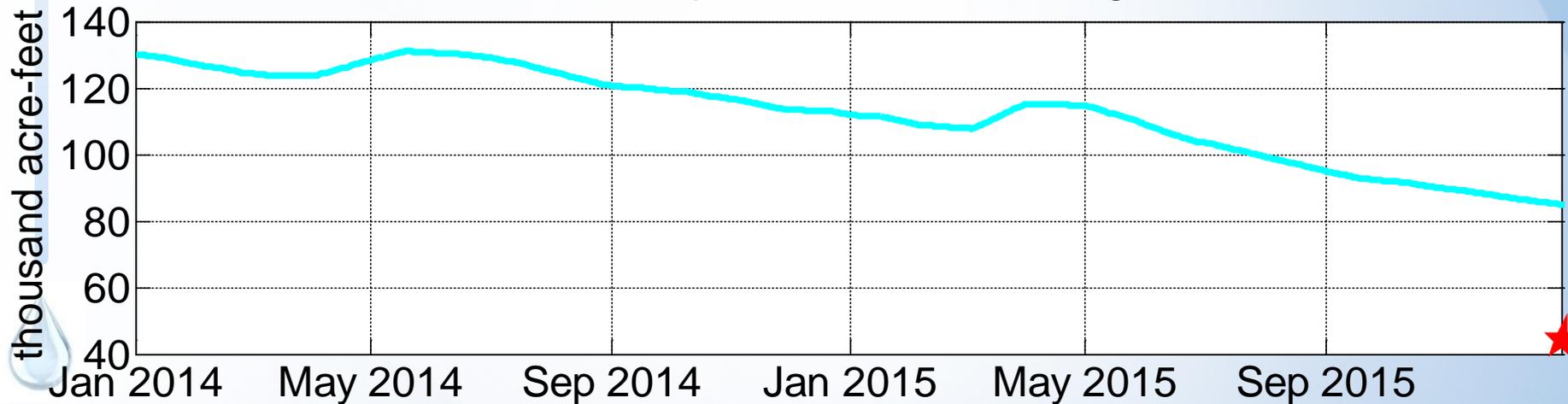


# Drought Water Quality

## Salinity at Old River Intake

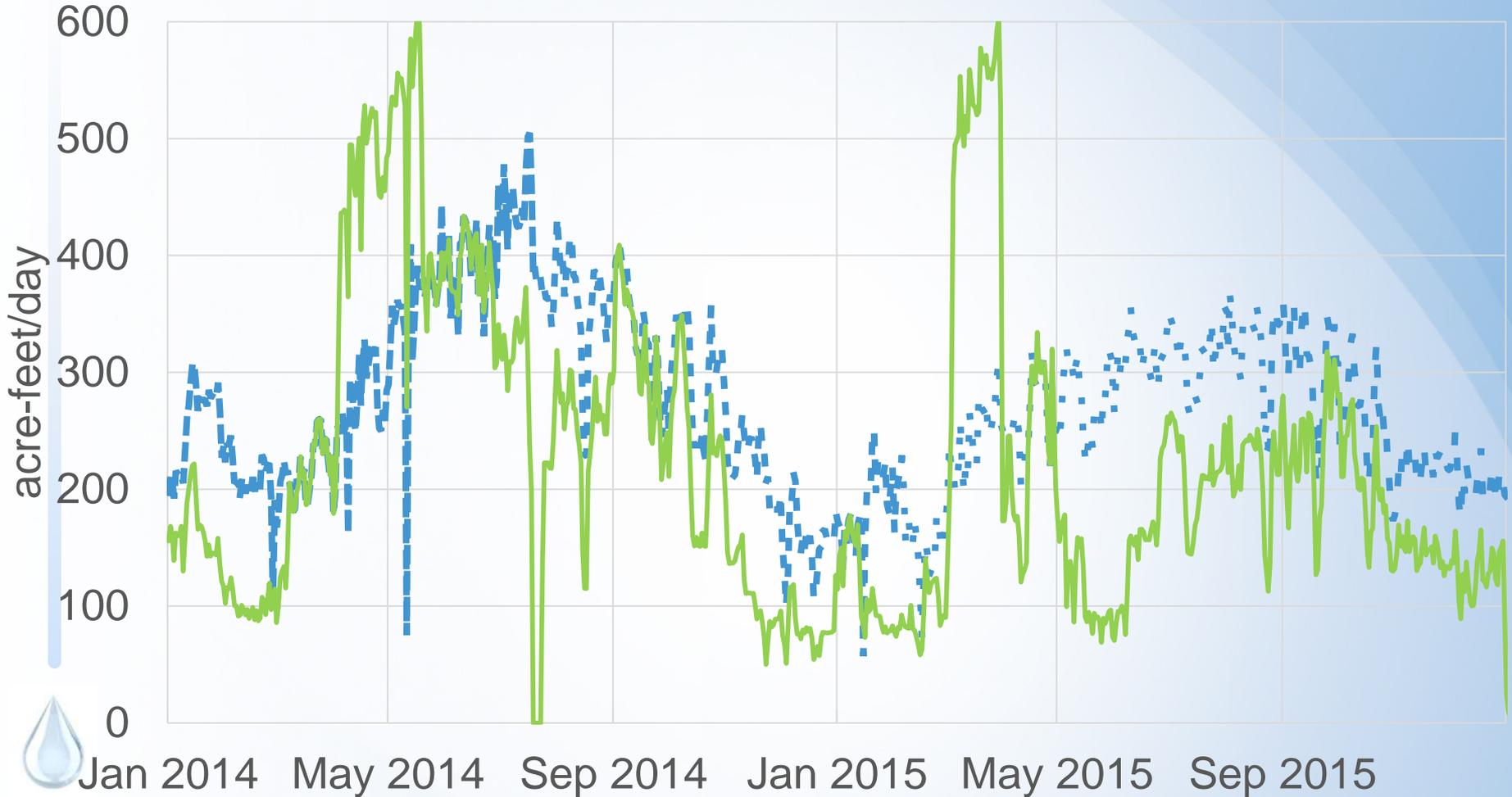


## Los Vaqueros Reservoir Storage



# Drought Water Supply

— CCWD Customer Demand      — CCWD Delta Diversions





# Thank You

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