



# Water System Operations Manager's Report

Engineering and Operations Committee

Item 7a

April 8, 2019

# Current Operational Conditions

- 2019 SWP Allocation is 70%
- SWP blend targets are 75% at Weymouth, Diemer, and Skinner plants
- CRA is currently at a 2-pump flow
- March 2019 deliveries of 65 TAF were 19 TAF lower than March 2018
- Maximizing deliveries of SWP supplies
- Resumed deliveries to Desert Water Coachella Valley Advanced Delivery Account

# Lake Oroville Operations

## Successful Utilization of Main Spillway

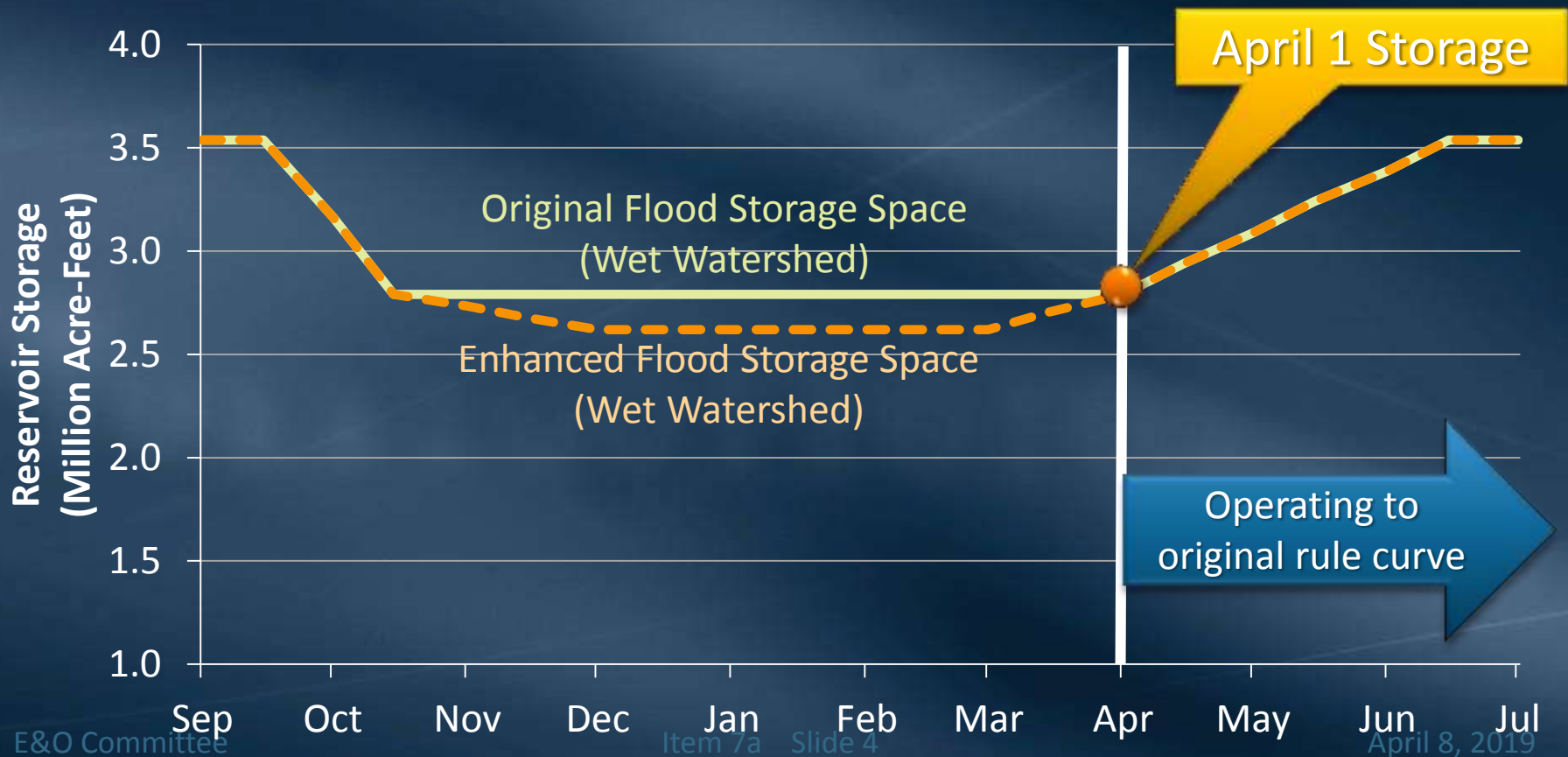
- DWR utilized the main spillway starting April 2



# Lake Oroville Operations

## Releases Consistent with Normal Operations

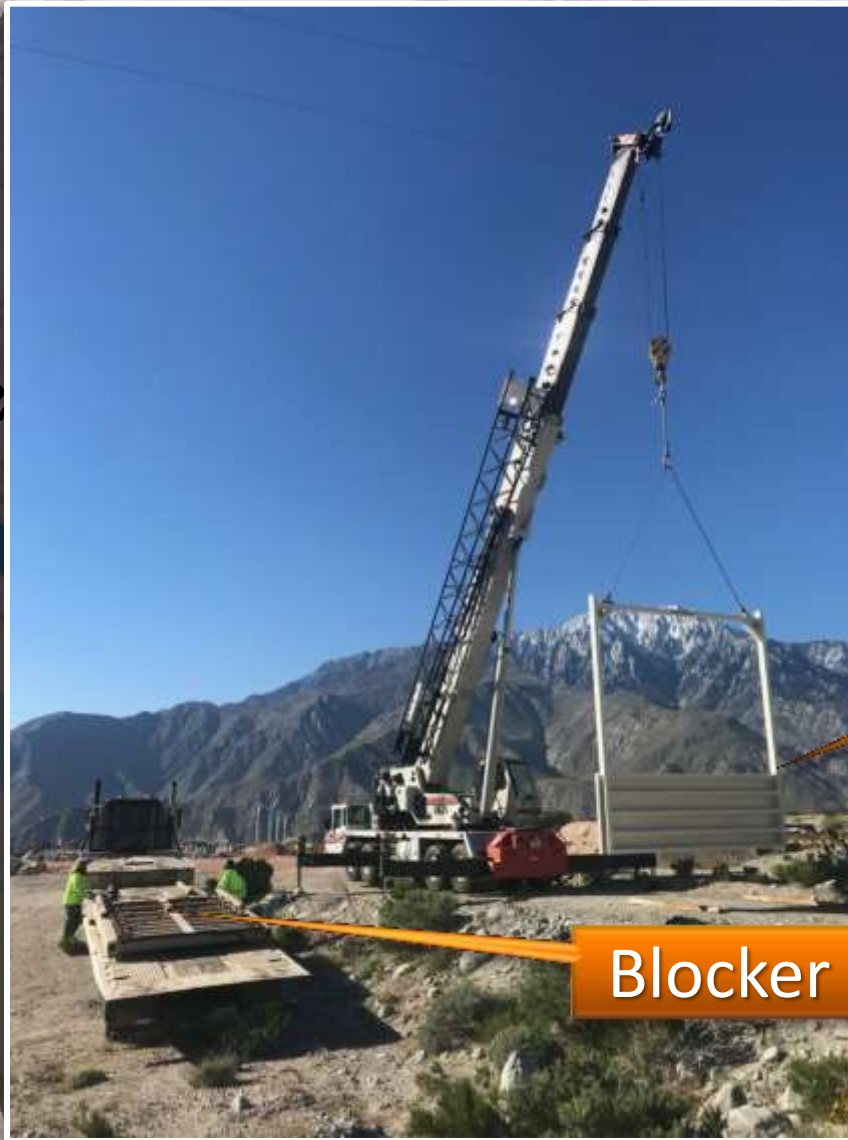
- Oroville operating rule curve for 2018-19 winter operations did not impact water supply





# Desert Water Coachella Valley

Installed Blocker Gate and Weir for Maximized Flow





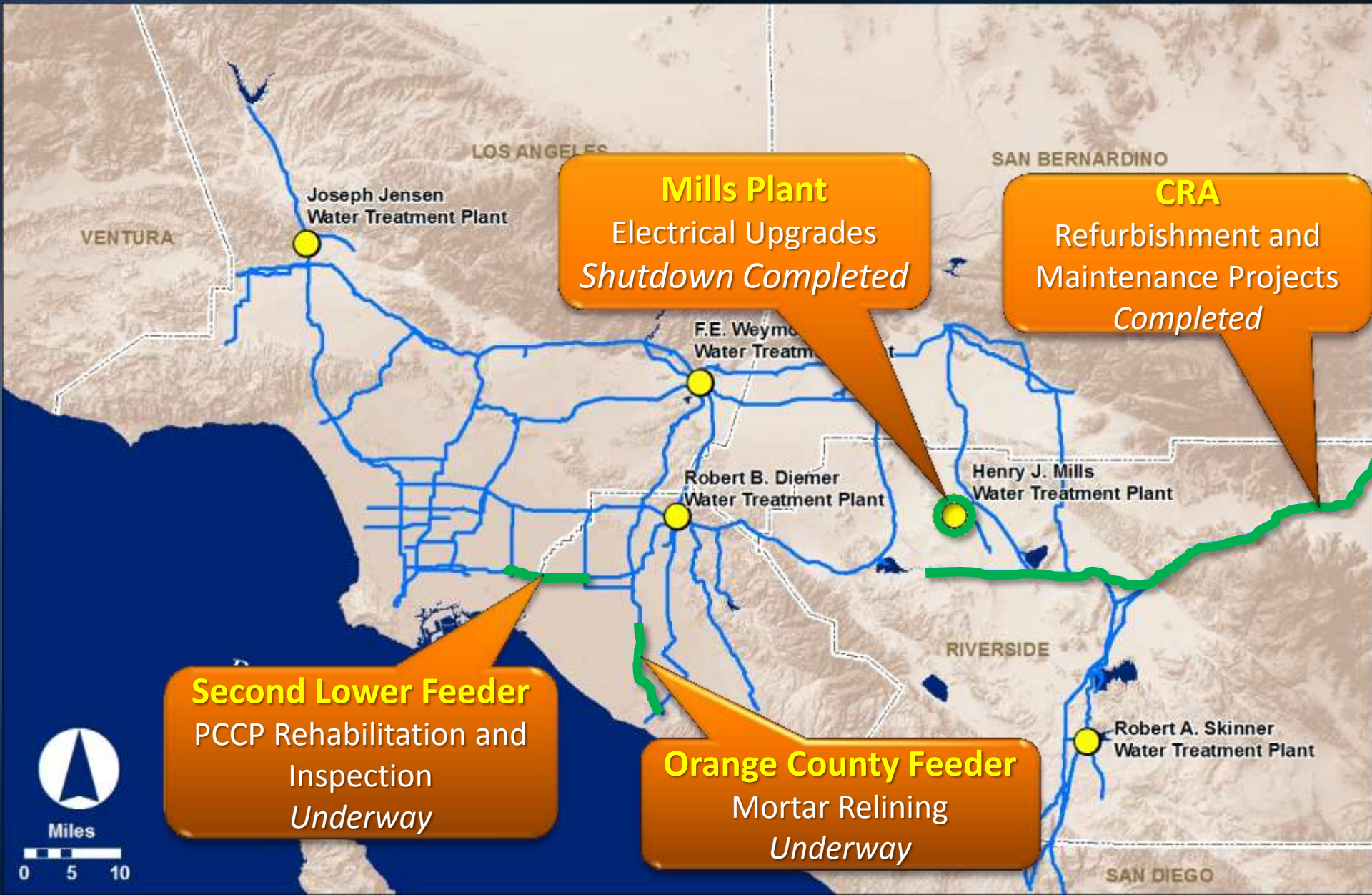
# Desert Water Coachella Valley

Installed Blocker Gate and Weir for Maximized Flow





# Ensuring Continued System Reliability



## Mills Plant

Electrical Upgrades  
*Shutdown Completed*

## CRA

Refurbishment and  
Maintenance Projects  
*Completed*

## Second Lower Feeder

PCCP Rehabilitation and  
Inspection  
*Underway*

## Orange County Feeder

Mortar Relining  
*Underway*

Joseph Jensen  
Water Treatment Plant

F.E. Weymouth  
Water Treatment Plant

Robert B. Diemer  
Water Treatment Plant

Henry J. Mills  
Water Treatment Plant

Robert A. Skinner  
Water Treatment Plant

LOS ANGELES

SAN BERNARDINO

VENTURA

RIVERSIDE

SAN DIEGO



Miles

0 5 10

# Colorado River Aqueduct

## Completed Refurbishment and Maintenance



***Before (Example)***



***Canal Liner Repairs***





# Colorado River Aqueduct

## Completed Refurbishment and Maintenance



***Electrical Maintenance and Testing***

# Colorado River Aqueduct

## Completed Refurbishment and Maintenance



***Surge Chamber Bypass Covers Installation***



# Colorado River Aqueduct

Completed Refurbishment and Maintenance



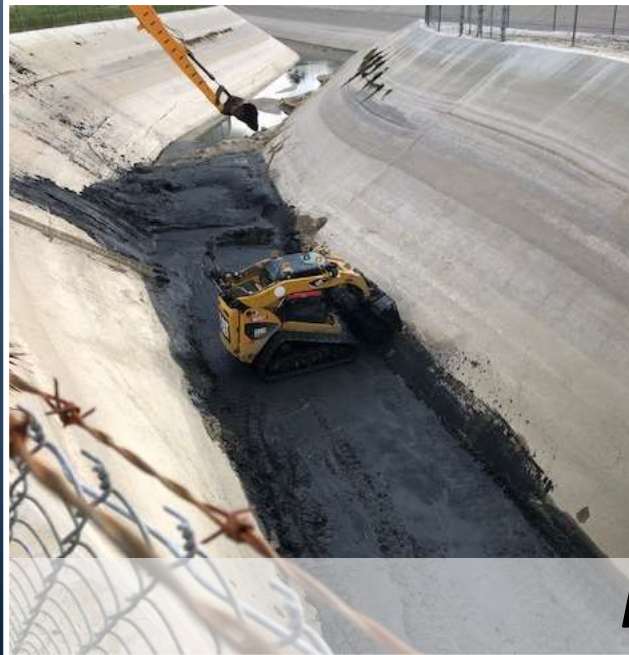
*Tunnel, Conduit, Siphon Repairs*



*Tunnel, Conduit, Siphon Inspections*

# Colorado River Aqueduct

## Completed Refurbishment and Maintenance



***Maintenance/Cleaning***



# Valley View Hydroelectric Plant

## Completed Generator Refurbishment



***Installing Needle Valve***



***Installing Generator Rotor***

Re-commissioning scheduled for May 2019

