



Water System Operations Manager's Report

Engineering and Operations Committee

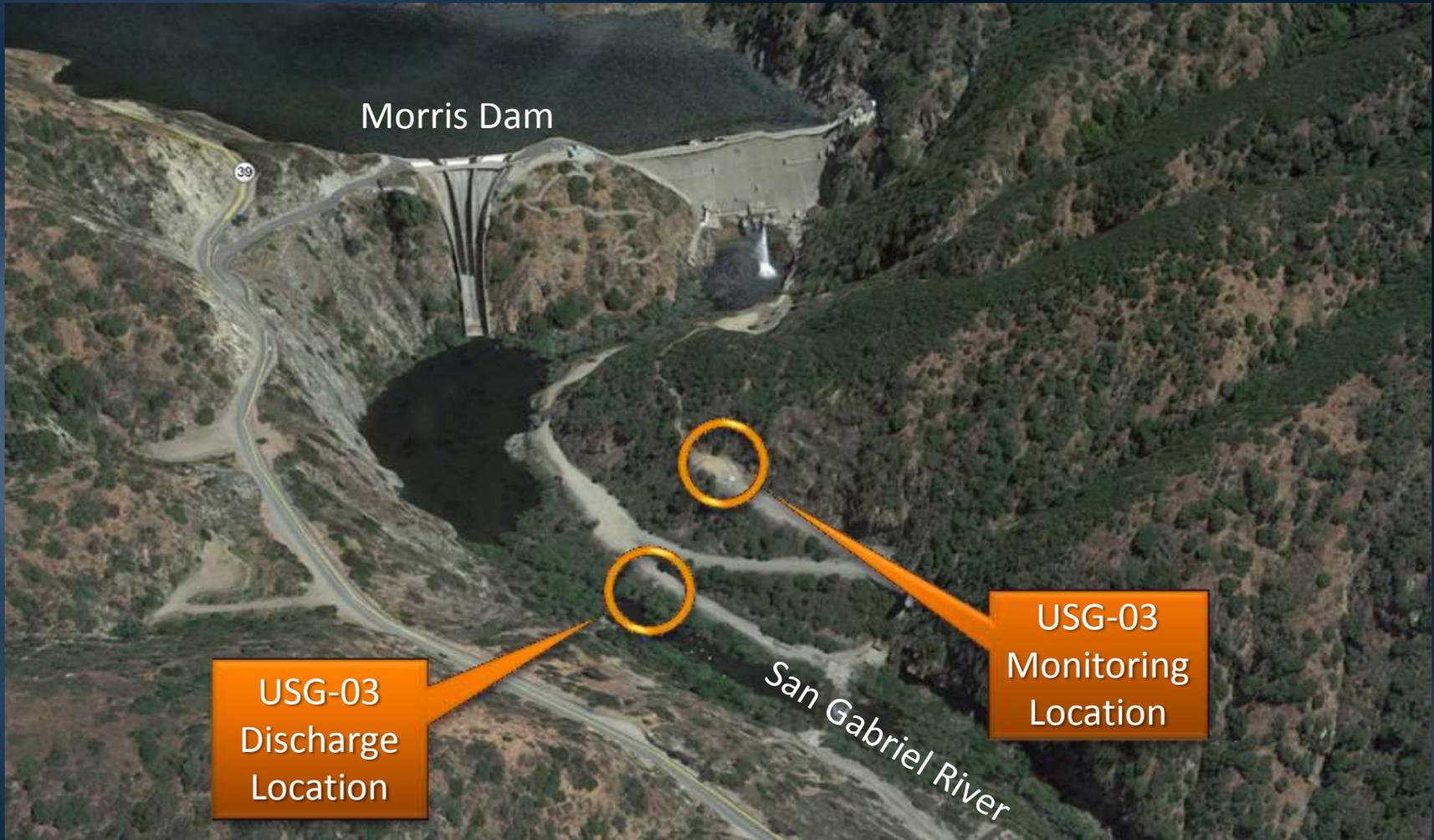
Item 7a

November 13, 2017

Current Operational Conditions

- 2017 SWP Allocation is 85%
- SPW blend targets are 75% at Weymouth, Diemer, and Skinner
- The CRA is currently at a 7-pump flow
- Expanding SPW deliveries through the West Branch
- Continuing to fill storage based on WSDM principles
- October 2017 deliveries of 164 TAF were 17 TAF lower than October 2016

Monitoring at USG-03 Service Connection



Successful 2017 Emergency Exercise: *Resilient Grid*

- Full-scale regional exercise responding to a 7.8-magnitude earthquake
- Metropolitan's Emergency Operations Center and 5 Incident Command Centers simulated response and recovery efforts
- Coordinated effort with member agencies, other utilities, and emergency management agencies



Metropolitan Officially a Member of AEPCO



The Arizona Electric Power Cooperative (AEPCO) presented Metropolitan with a plaque commemorating Metropolitan's membership

New Restroom Facility Installed at Diamond Valley Lake Marina



Major Milestone Met for Oroville Spillway Reconstruction

June 2017

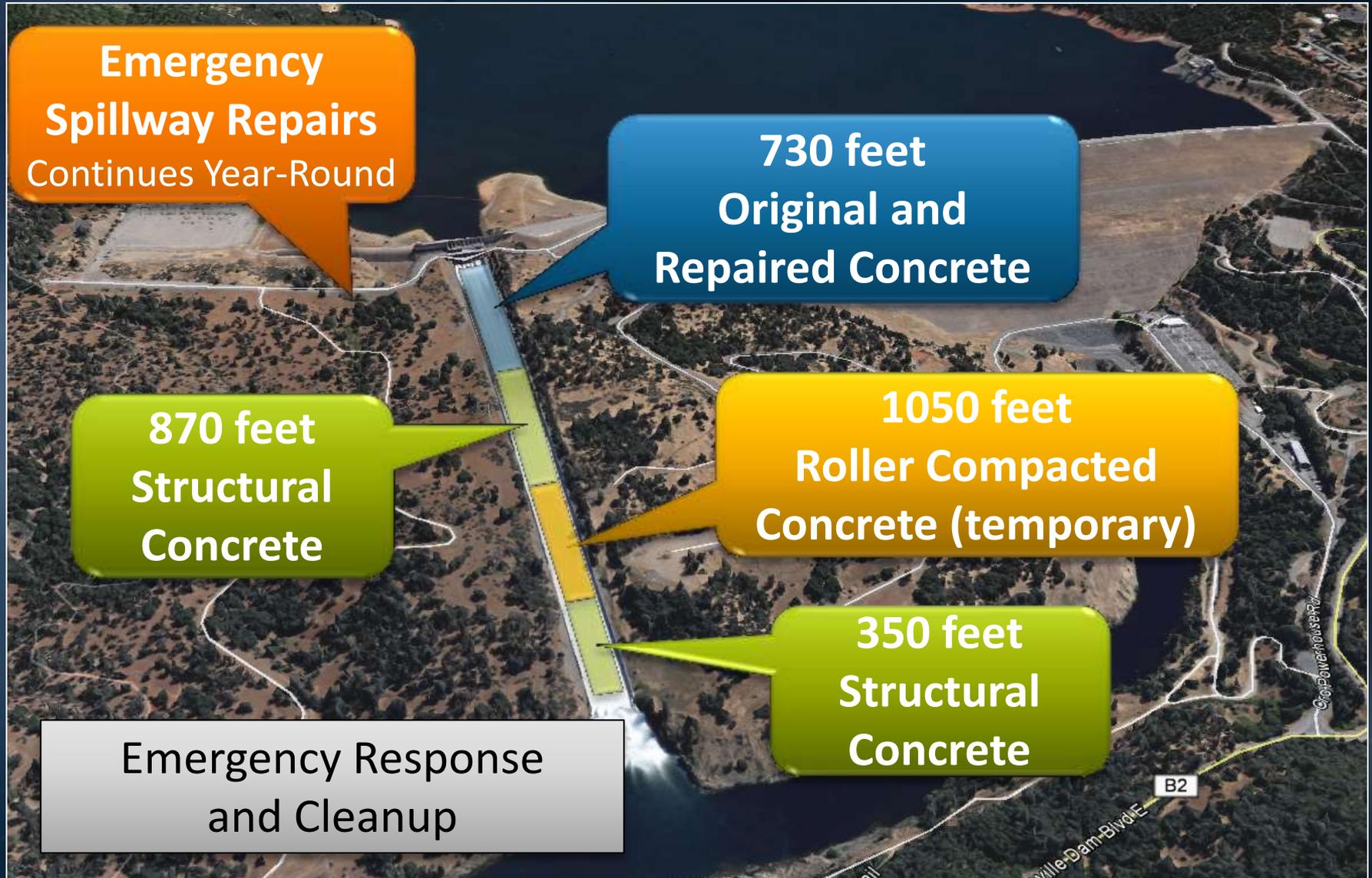


November 2017



California Department of Water Resources (DWR) met its **November 1, 2017** goal of an **operational main spillway** that can handle flows of 100,000 cfs for the upcoming winter season

Oroville Spillways Reconstruction: 2017 Accomplishments



Updated Oroville Recovery Costs

DWR applying for FEMA reimbursement (up to 75% of costs)



Response and Cleanup

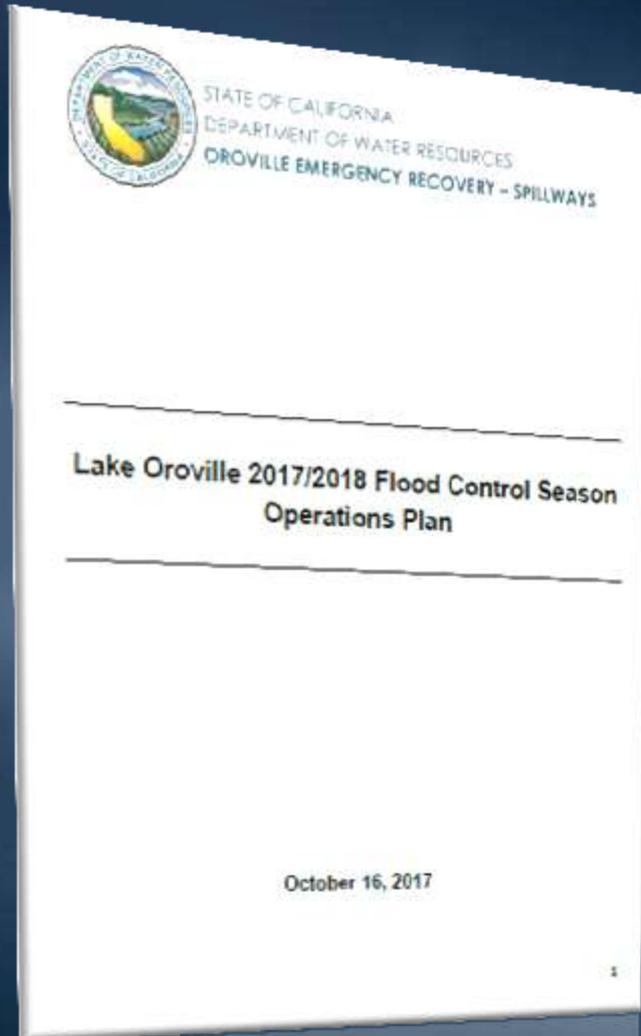
- Initial estimate: \$274 million
- Updated estimate: \$140-160 million



Reconstruction Work

- Initial estimate: \$275 million
- Updated estimate: > \$500 million (through Jan 2019)

Lake Oroville 2017/18 Flood Control Season Operations Plan Released



- Objectives
 - Avoid activation of the emergency spillway
 - Avoid releases greater than 100,000 cfs down the main spillway
- Maintaining lower-than-average lake levels
- Potential supply impacts depend on hydrology

Continue Progress on Oroville Recovery Project through 2018

Return the main spillway capacity to 270,000 cfs

Emergency Spillway Repairs
Continues Year-Round

2018/19 Lake Oroville
Flood Control Season
Operations Plan to be
developed



Replace with
Structural
Concrete

Replace Top Layer of
Roller Compacted
Concrete with
Structural Concrete

Energy Dissipaters
Hydro-blasted and
Resurfaced

Lake Oroville Long-term Improvements

- DWR is conducting a comprehensive needs assessment
- Long-term water operations manual may be revised
- Working to strengthen dam safety throughout the state
- Metropolitan will continue to monitor progress and adapt to future conditions



2017 E&O Committee Field Inspection Trip



Thanks for your participation!

