

# USACE SACRAMENTO DISTRICT WATER MANAGEMENT UPDATE

Joe Forbis, P.E.

Chief, Water Management Section

Sacramento District, US Army Corps of Engineers

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*“The views, opinions and findings contained in this report are those of the authors(s) and should not be construed as an official Department of the Army position, policy or decision, unless so designated by other official documentation.”*

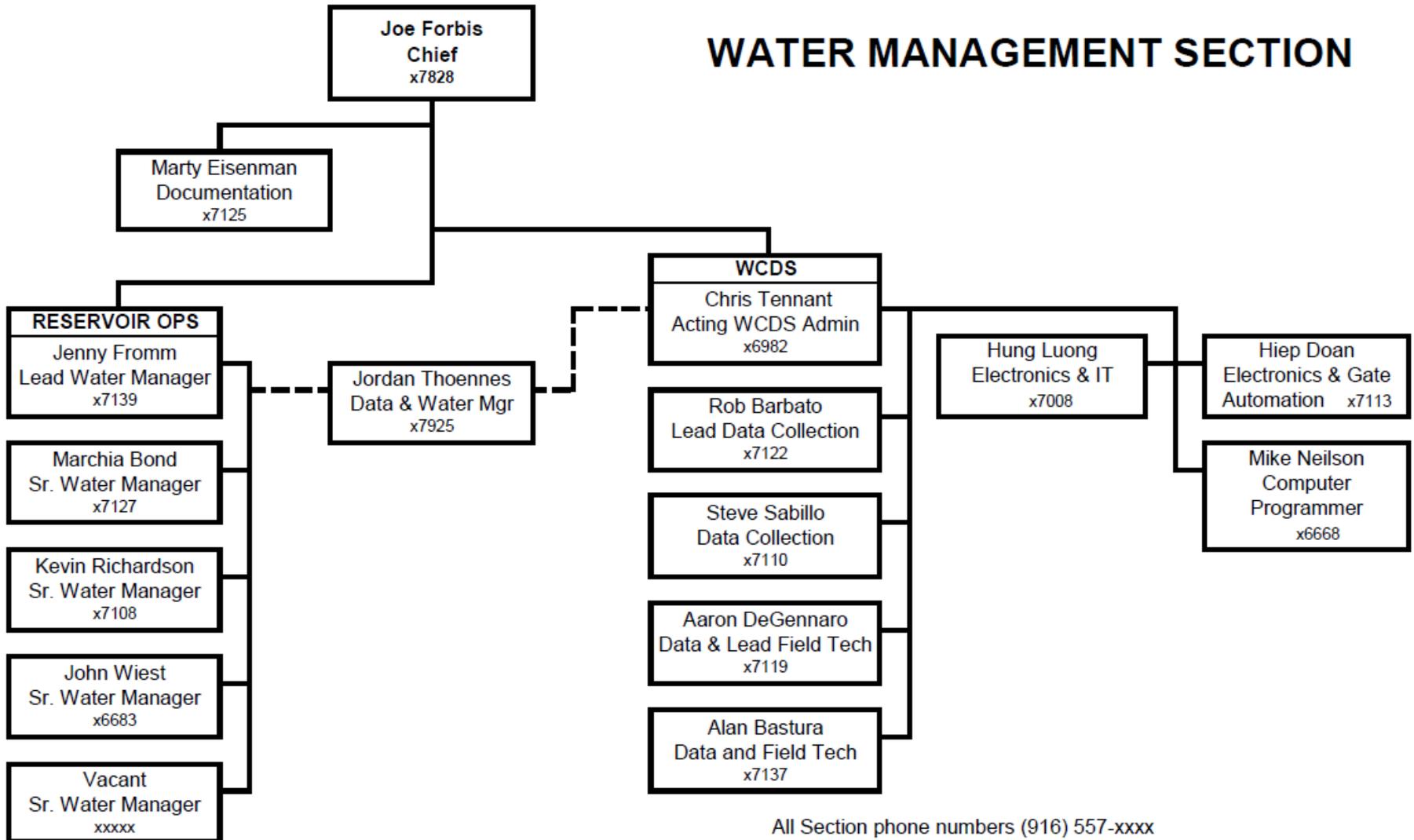


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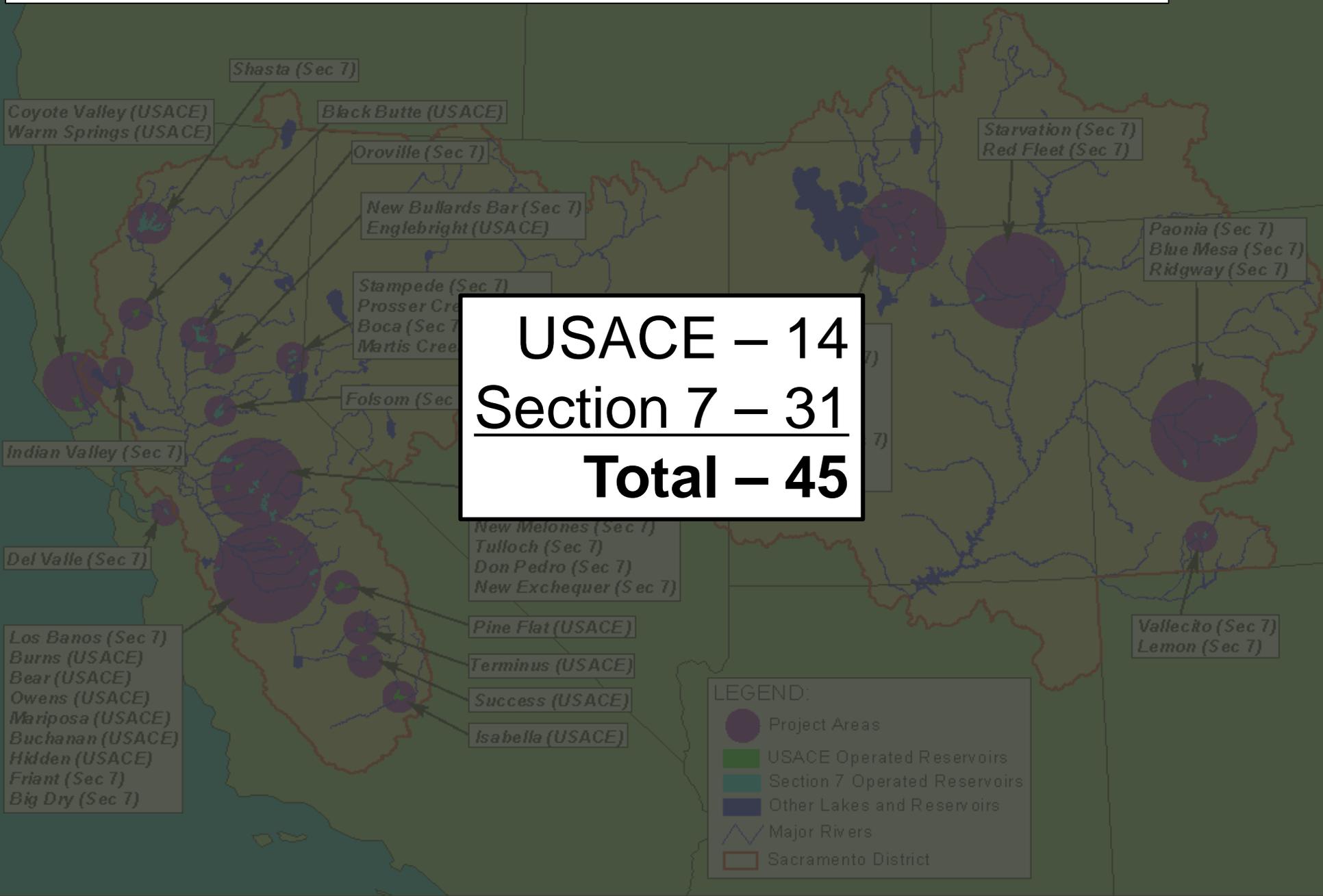
# SACRAMENTO DISTRICT (SPK) WATER MANAGEMENT

## WATER MANAGEMENT SECTION



All Section phone numbers (916) 557-xxxx

# SACRAMENTO DISTRICT FC PROJECTS



## RESERVOIR INFLOW COMPARISON: 2018 VS 2017

PROJECT	2018	2017	Ratio
Black Butte	102,000 ac-ft	884,000 ac-ft	12%
Englebright	1,700,000 ac-ft	5,300,000 ac-ft	32%
Isabella	440,000 ac-ft	1,860,000 ac-ft	24%
Terminus/Kaweah	255,000 ac-ft	999,000 ac-ft	26%
Success	62,000 ac-ft	364,000 ac-ft	17%
Pine Flat	1,270,000 ac-ft	3,990,000 ac-ft	32%

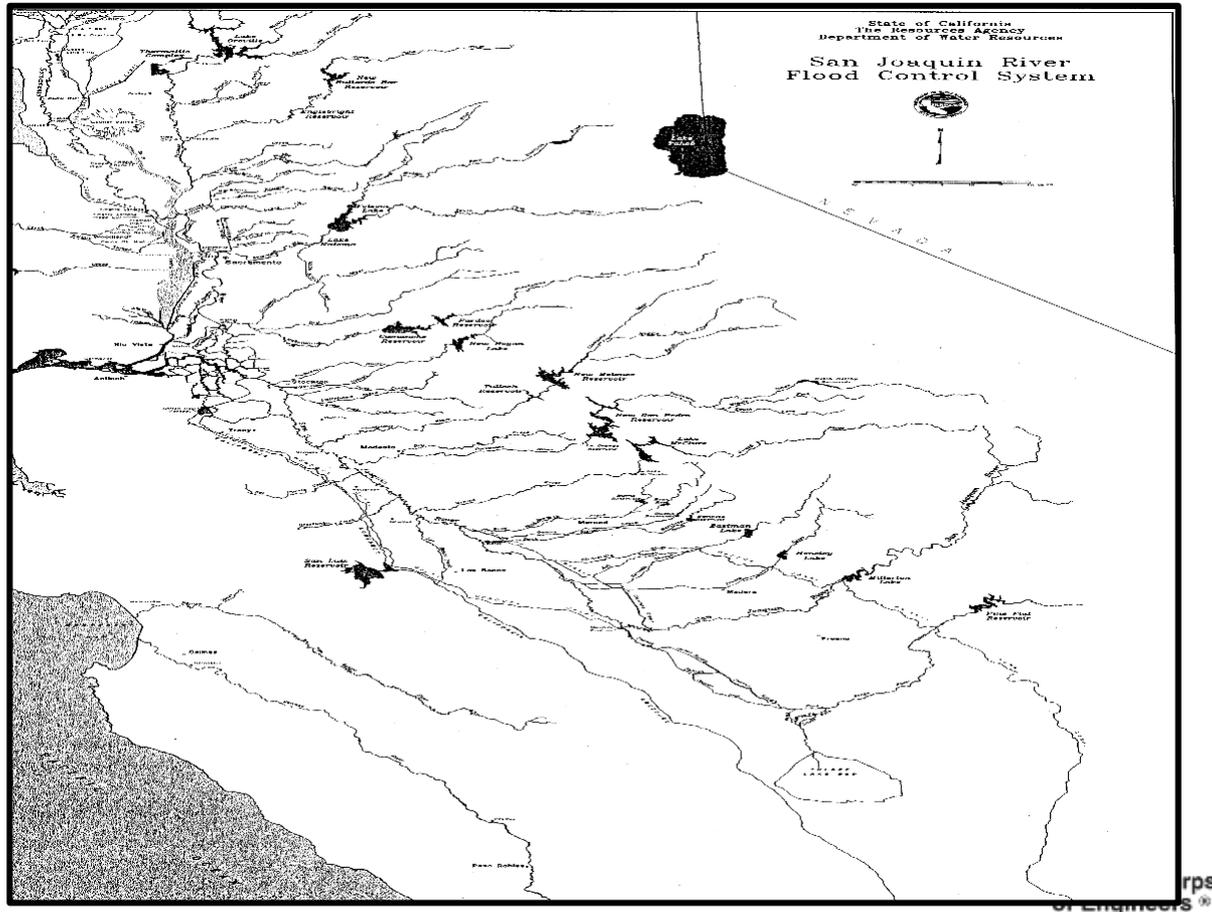


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# CONTINUING WATMAN EFFORTS

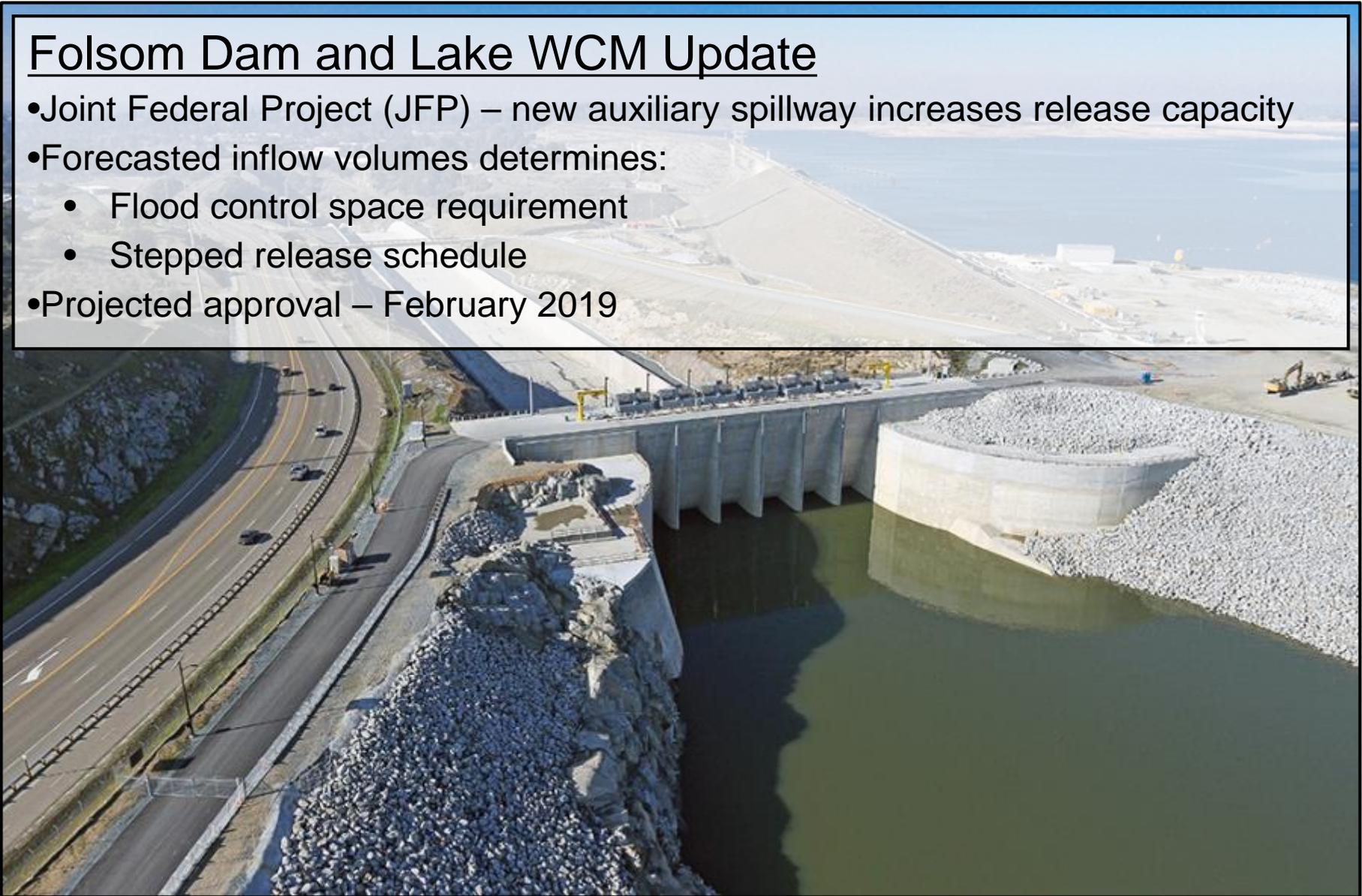
- Conducting reservoir operator trainings
- Maintaining, repairing, and replacing instrumentation
- Updating and calibrating CWMS models



# NOTEWORTHY PROJECTS

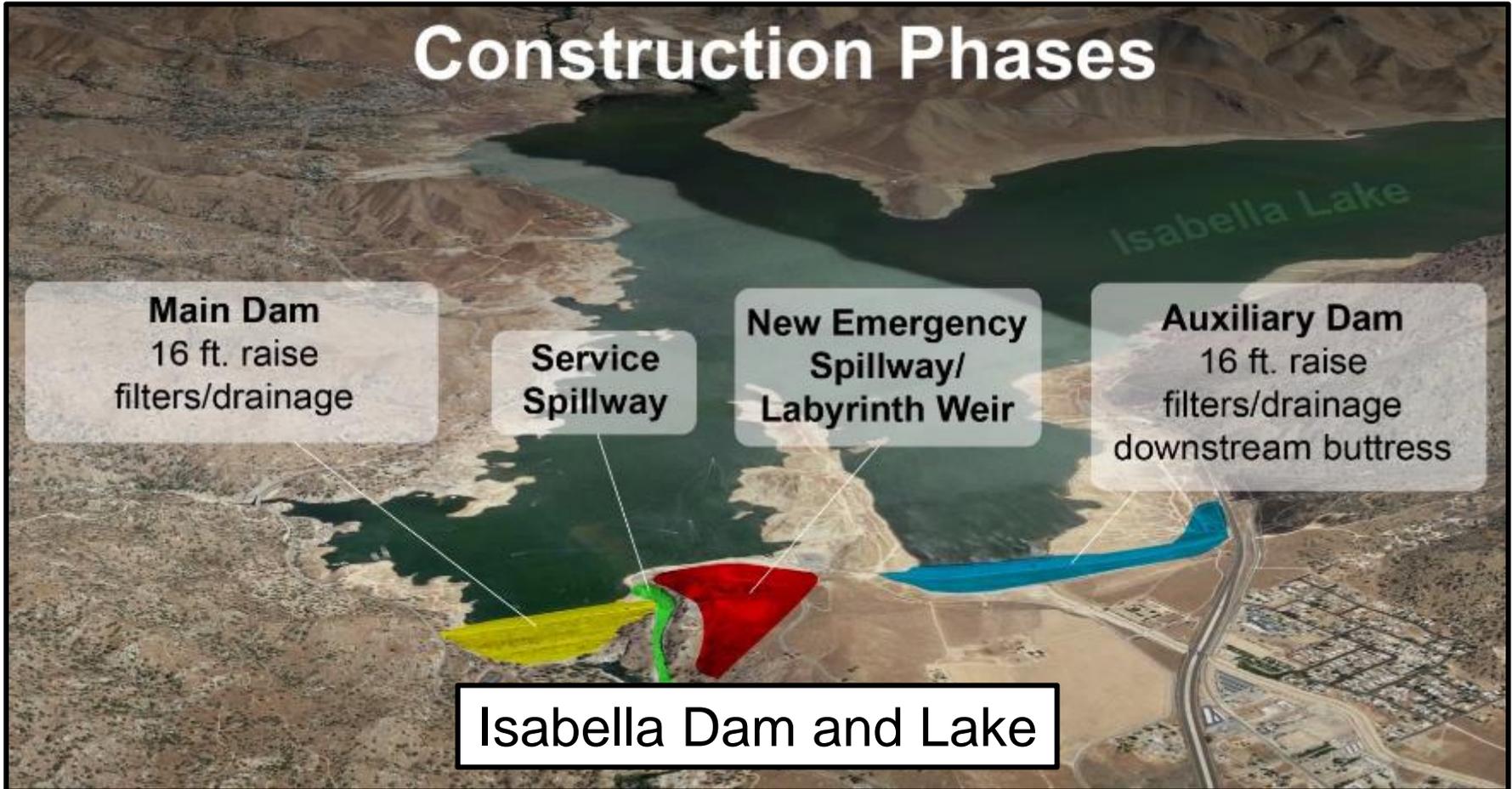
## Folsom Dam and Lake WCM Update

- Joint Federal Project (JFP) – new auxiliary spillway increases release capacity
- Forecasted inflow volumes determines:
  - Flood control space requirement
  - Stepped release schedule
- Projected approval – February 2019



# NOTEWORTHY PROJECTS

## Isabella Dam – Dam Safety Modification Project



# NOTEWORTHY PROJECTS

## Success Reservoir Enlargement Project

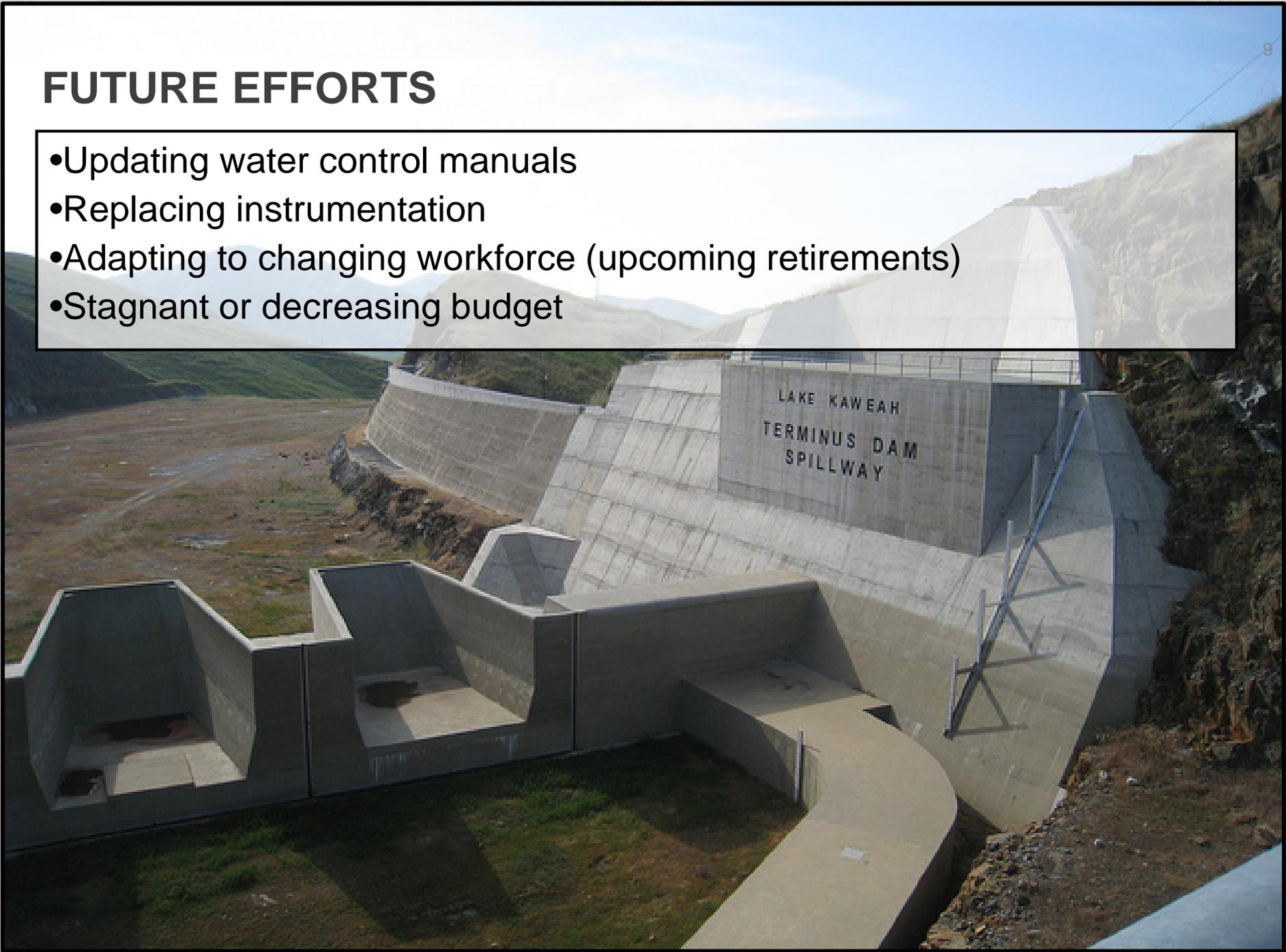
- Widen spillway and raise it 10 feet
- Increase storage from 84,000 ac-ft to 110,000 ac-ft
- Improved level of protection – 1/49 to 1/100 event
- Design to be completed in 2020



New Reservoir Full Capacity:  
**110,000 Acre-Feet**

# FUTURE EFFORTS

- Updating water control manuals
- Replacing instrumentation
- Adapting to changing workforce (upcoming retirements)
- Stagnant or decreasing budget



**QUESTIONS?**

