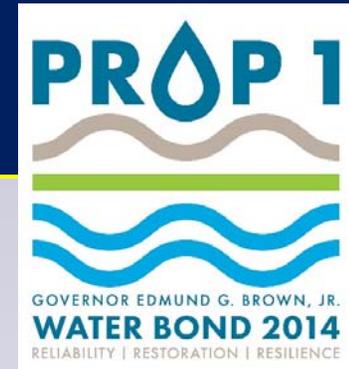


JUNE 2016



Water Storage Investment Program Delta Stewardship Council Briefing

Water Storage Investment Program

California 
WATER COMMISSION

Background

Proposition I Chapter 8

Proposition I continuously appropriates \$2.7 billion to the Commission for “**public benefits** associated with water storage projects that improve the operation of the state water system, are cost effective, and provide a net improvement in ecosystem and water quality conditions...”

Eligible Public Benefits

- Ecosystem
- Water quality
- Flood control
- Emergency response
- Recreation



Eligible Storage Projects

- Surface storage projects identified in the CALFED ROD
- Groundwater storage projects
- Groundwater contamination prevention or remediation projects with storage benefits
- Conjunctive use projects
- Reservoir reoperation projects
- Local surface storage projects
- Regional surface storage projects

Public Benefit Cost Share Requirements



Projects Must

- Be cost effective – 79750(b)
- Provide a net improvement in ecosystem and water quality conditions – 79750(b)
- Provide measurable ecosystem improvement to the Delta or Tributary – 79752
- Be consistent with Wild and Scenic River Act –79711(e)

CDFW and SWQCB Priorities

- WSIP regulations must include CDFW and SWQCB Priorities and Relative Environmental Values (Water Code 79754)
 - CDFW – Delta centric, 8 flow and water quality related priorities, 8 physical process and habitat priorities
 - SWQCB – 9 priorities, two related to Delta hydrograph patterns and reduced Delta demand
 - Each agency has criteria listed in the regulations to determine a project's relative environmental value

Commission Must Find

- Project is feasible - 79755(a)(5)(B), 79757(a)(2)
- Project advances objectives of restoring ecological health - 79755(a)(5)(B), 79757(a)(2)
- Project improves water management for beneficial uses of the Delta - 79755(a)(5)(B), 79757(a)(2)
- Project is consistent with applicable laws and regulations - 79755(a)(5)(B)

Concept Papers

Concept Paper Summary

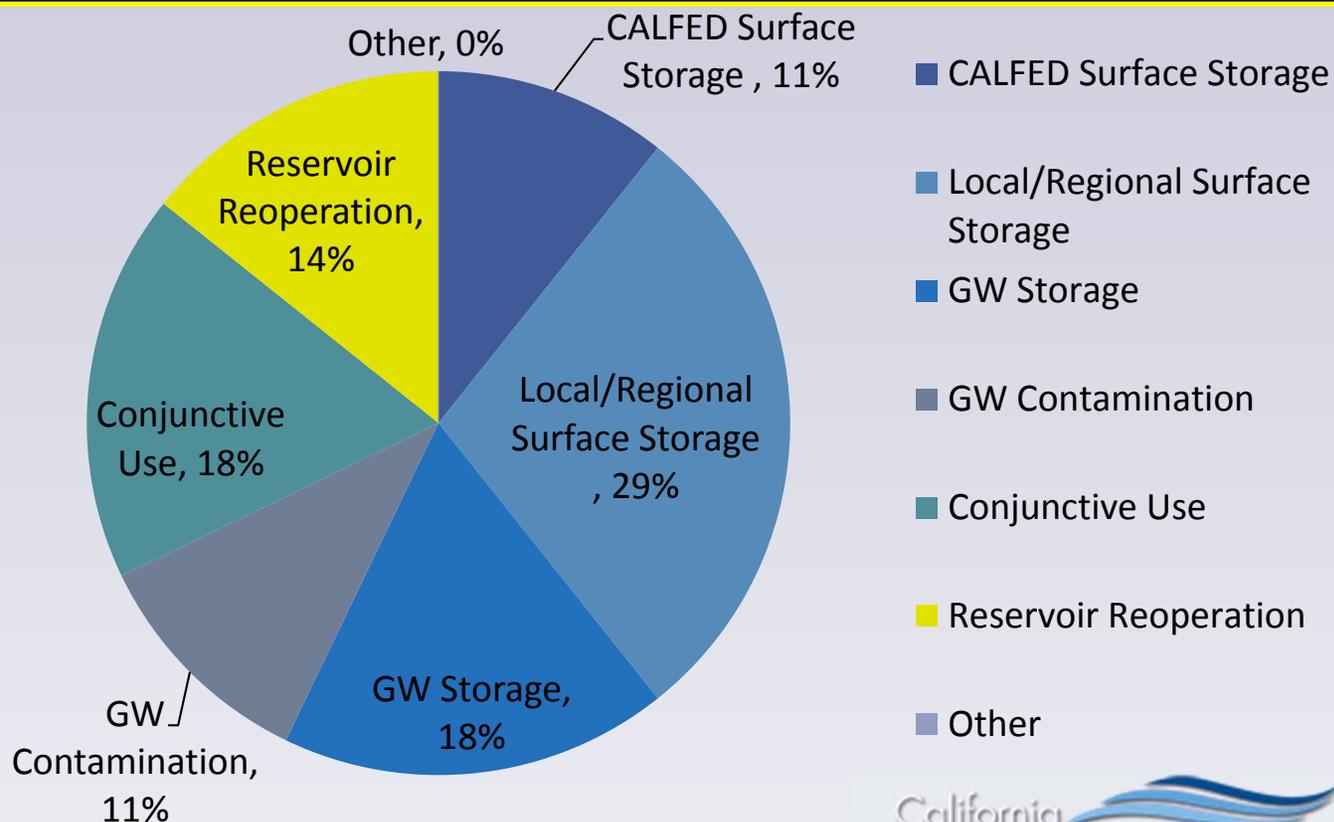
- Received 41 Concept Papers by March 31
- All available on Commission website
- 13 indicated potential ineligibilities (Concept paper indicated an ineligible applicant, ineligible project type, or project did not provide ecosystem improvement benefits)

Agency Types

Agency Type	Reponses – As Provided	Responses – Staff Adjusted
Public Agency	20	21
Public Utility	3	1
Tribe	0	0
Nonprofit Organization	5	1
Mutual Water Company	0	1
Local JPA	4	4
Other	9	0
TOTAL	41	28

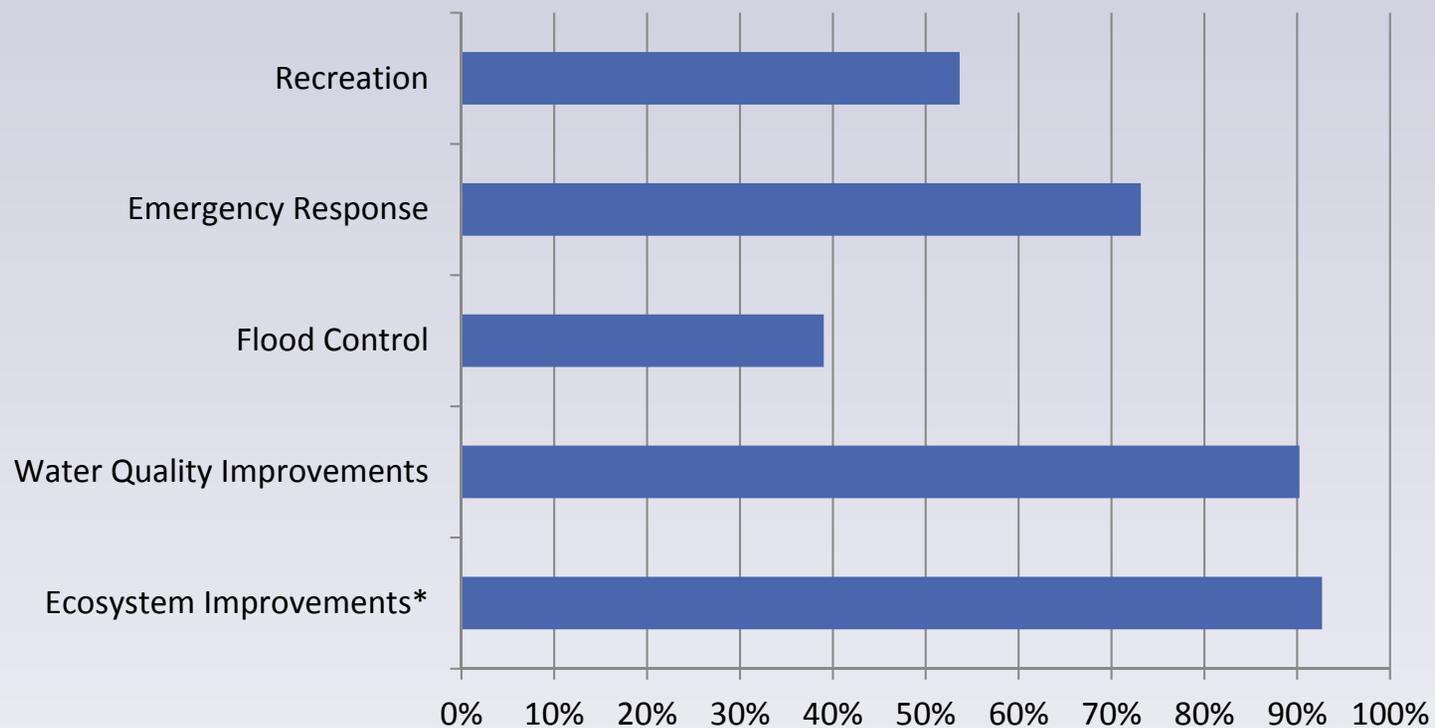
Project Types

Project Type	Responses
CALFED Surface Storage	3
Local/Regional Surface Storage	8
GW Storage	5
GW Contamination	3
Conjunctive Use	5
Reservoir Reoperation	4
Other	0
TOTAL	28



Public Benefits

Percent of Projects Claiming Public Benefits



Water Storage Investment Program

Example Delta Ecosystem Benefits

- Flow improvements/Delta outflow
- Water quality improvements (salinity)
- Decreased fish entrainment
- Habitat improvements
- Flow, water quality, and habitat improvements in tributaries

Storage Estimates

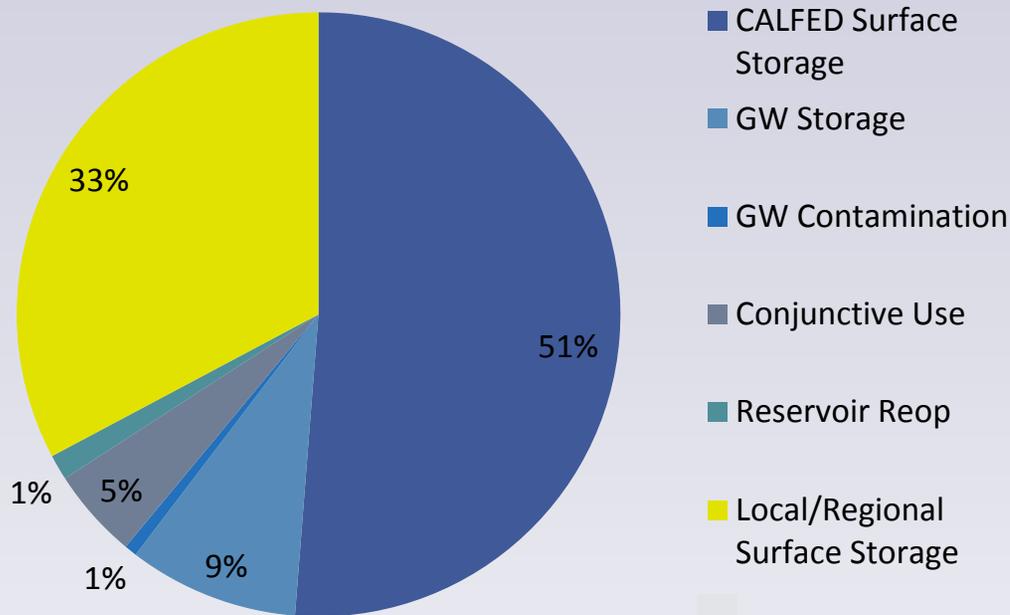
- North of Delta – 4 MAF
- South of Delta – 5 MAF

Total Project Costs and Request

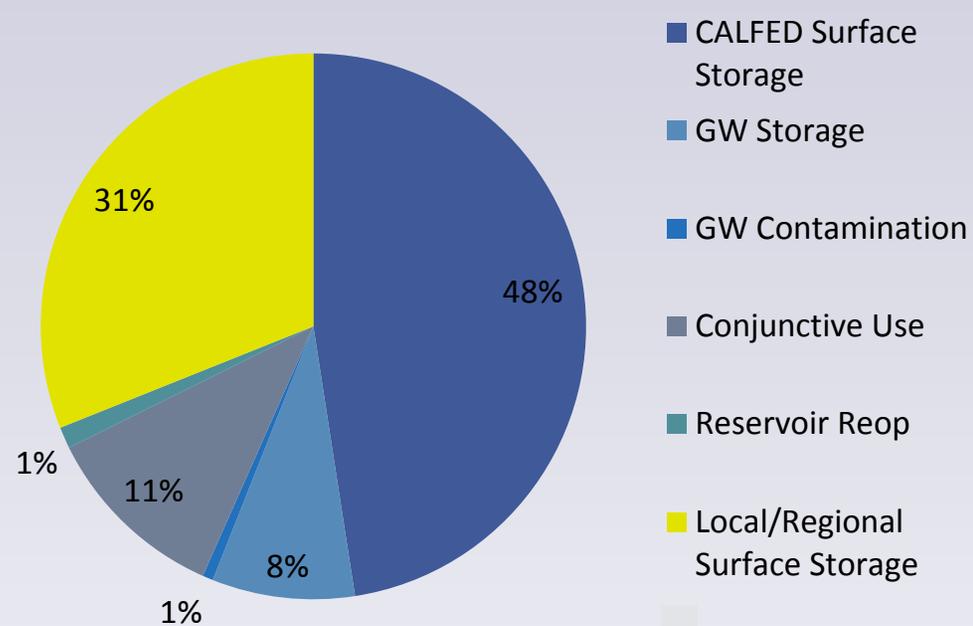
Category	Approx. Cost
Total Project Costs – All (41 Projects)	\$43,732M
Estimated Program Request - All	\$17,315M
Total Project Costs – Staff Adjusted (28 Projects)	\$16,822M
Estimated Program Request – Staff Adjusted	\$7,805M

Costs by Project Type

Funding Request Based on Project Type



Total Costs Based on Project Type



What lays ahead

- **Formal rulemaking** for the quantification regulations
 - December 15, 2016 statutory deadline for Commission adoption of regulations
 - Development of **application form**
 - Completion of the **Technical Reference**

Questions?