



EASTERN MUNICIPAL WATER DISTRICT

Local Water Supply Update

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Presentation Topics



- About EMWD
- EMWD Water Supply Portfolio
- California's Water Sources
- Water Supply – The Challenges
- Meeting the Challenges
- Questions

About EMWD



- Est. 1950
- One of over 600 water purveyors in California
- Unique because...
potable and recycled water and sewage treatment to wholesale and retail customers
- Seven cities, *(incl. unincorp. areas)*
- Seven wholesale subagencies
- 542 square miles
(Mo Val to Tem; Hemet/SJ to Perris)
- Population: 768,000
- Employees: 600+

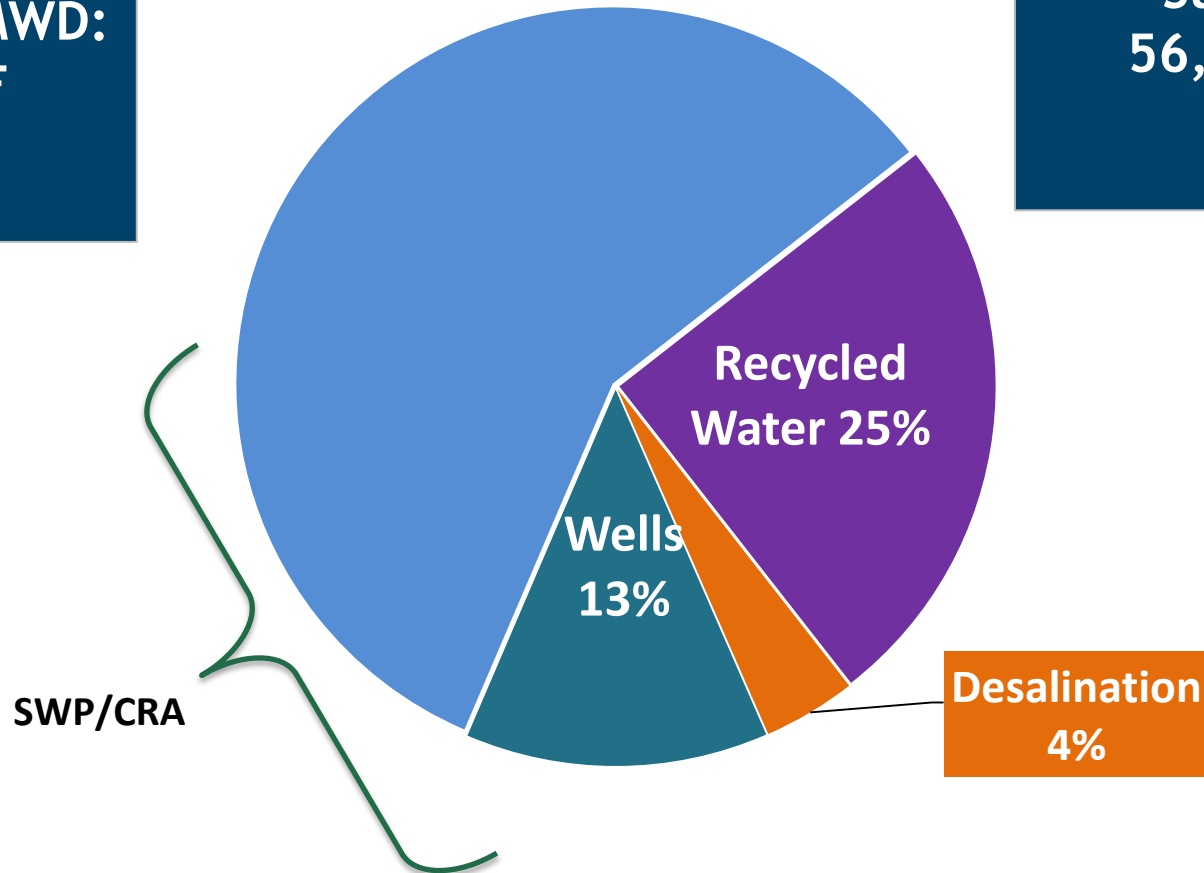
- Accounts:
 - 135,000 *potable water*
 - 230,000 *sewage*
 - 270 *recycled water and*
 - 150 *agriculture/irrigation*
- Four Operating RWRFs
(2013 *Production – 47,650 AF*)
- Governed by five elected board members
- One of 26 MWD member agencies (*EMWD Board Member, Randy Record, serves as Chair of MWD Board*)

EMWD Water Supply Portfolio

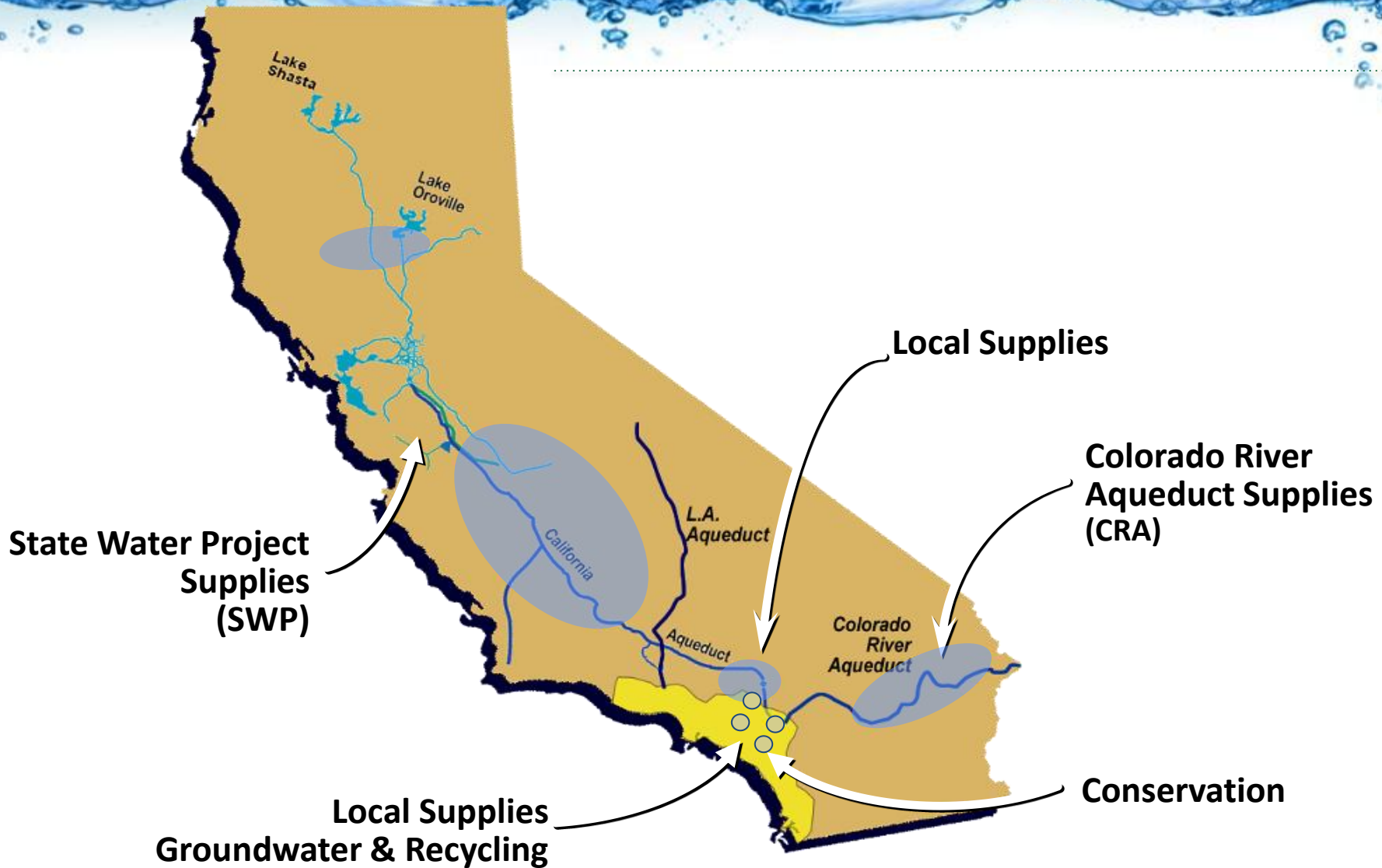


**Imported Water
Supply from MWD:
71,200 AF
58%**

**Local Water
Supply:
56,800 AF
42%**



Southern California's Water Sources

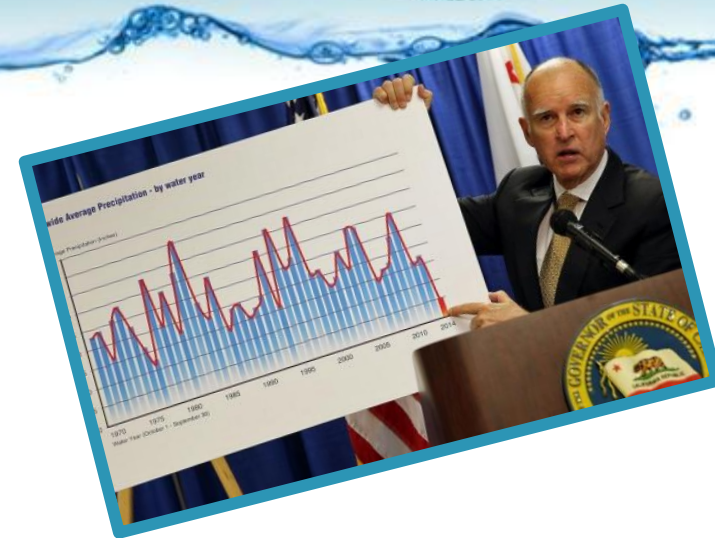


Water Supplies ~ The Challenges



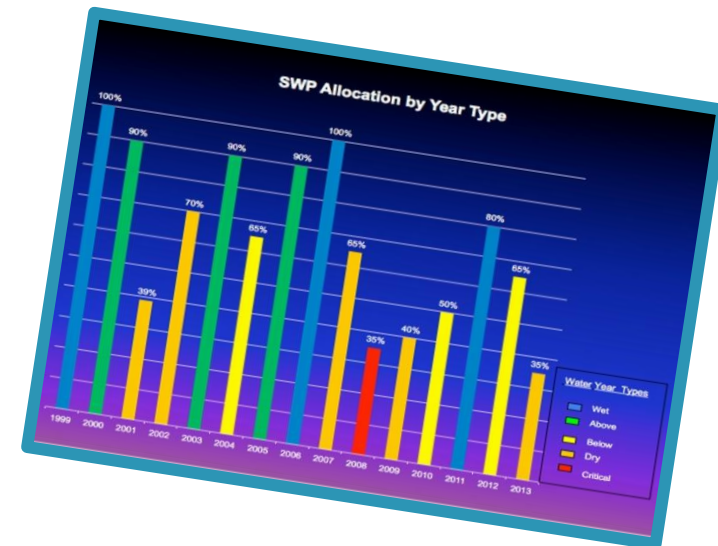
DROUGHT:

- 2013 Driest year on record
- Formal declaration on 1/17/14
 - *Expanded public awareness*
 - *Calls for 20% voluntary conservation*



SWP ALLOCATIONS:

- **Lowest allocation in history for Central and Southern California!**
- Using SWP water in reserves from Perris, and Diamond Valley Lakes

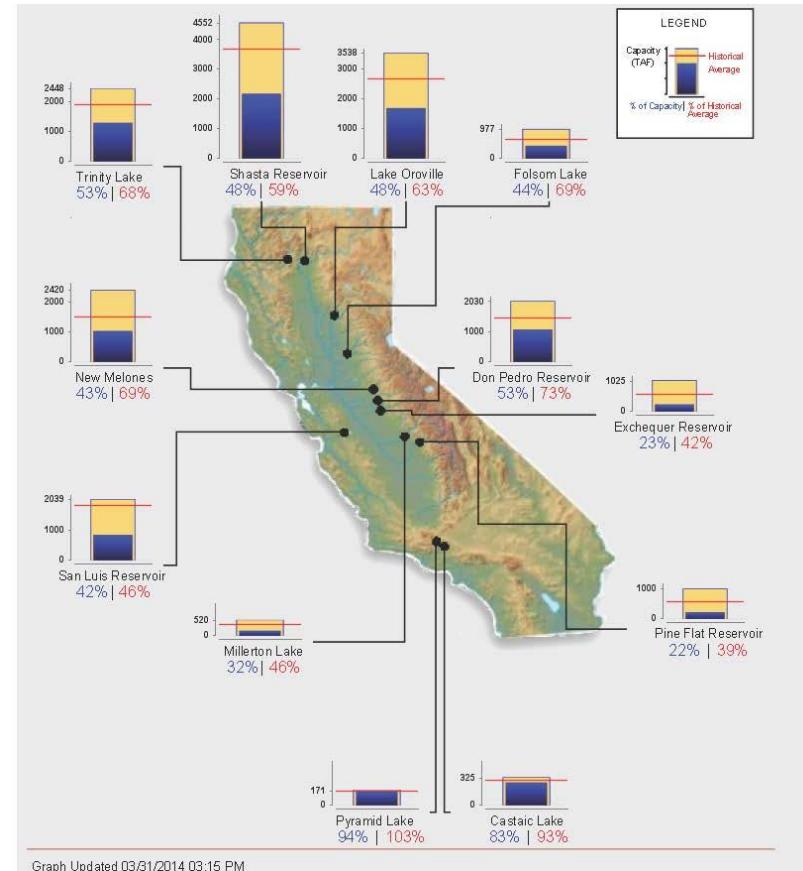


Water Supplies ~ The Challenges



STORAGE:

- Northern California SWP reservoirs are LOW
- Southern California SWP reservoirs are near capacity, but are dropping
- Inland reservoir levels:
 - *Lake Mathews: 40%*
 - *Diamond Valley: 64%*
 - *Lake Skinner: 85%*
 - *Lake Perris: 45%*



Meeting the Challenges



Conservation – *rebates, workshops, water-saving programs; demo gardens, tiered rates/water budgets and water shortage contingency plans*

Groundwater Management – *addresses overdraft and salinity, and uses diversion and storage ponds to capture water during high storm events*

Desalination – *coverts salty, non-consumable, brackish water into potable water; protects higher quality groundwater nearby by keeping brackish water from intruding; remove waste salts (brine) from commercial and industrial operations*

Meeting the Challenges



Recycled Water- *Useful end product of wastewater, used for agriculture, golf courses, landscaping, cemeteries and schools; less expensive than potable water, reduces the need for purchasing imported water*

Education – *EMWD reaches more than 65,000 students a year to help instill a water-wise mindset among our youth through facility tours, presentations, water education materials, poster, literacy and other contest*



Questions?





EASTERN MUNICIPAL WATER DISTRICT

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