



WESTERN MUNICIPAL WATER DISTRICT



WATER STEWARDS. FOCUSED ON SOLUTIONS.

WESTERN MUNICIPAL WATER DISTRICT



**Inland Koi Society
September 27, 2009
Michele McKinney Underwood, Public Affairs**

- ◆ **Western**
- ◆ **Water Crisis Situation**
- ◆ **Water Stewardship**
- ◆ **Drought-proofing Projects**
- ◆ **Water Use Efficiency & Education**



THE DISTRICT



- **Independent Special District**
- **Formed in 1954**
- **Imports supplemental water to western Riverside County**
- **Water resource management**



WESTERN'S GOVERNANCE



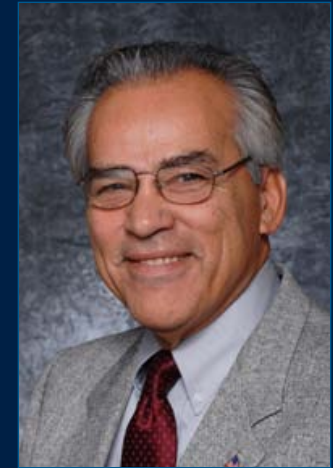
Charles Field

Tom Evans

Brenda Dennstedt

Donald Galleano

SR "Al" Lopez

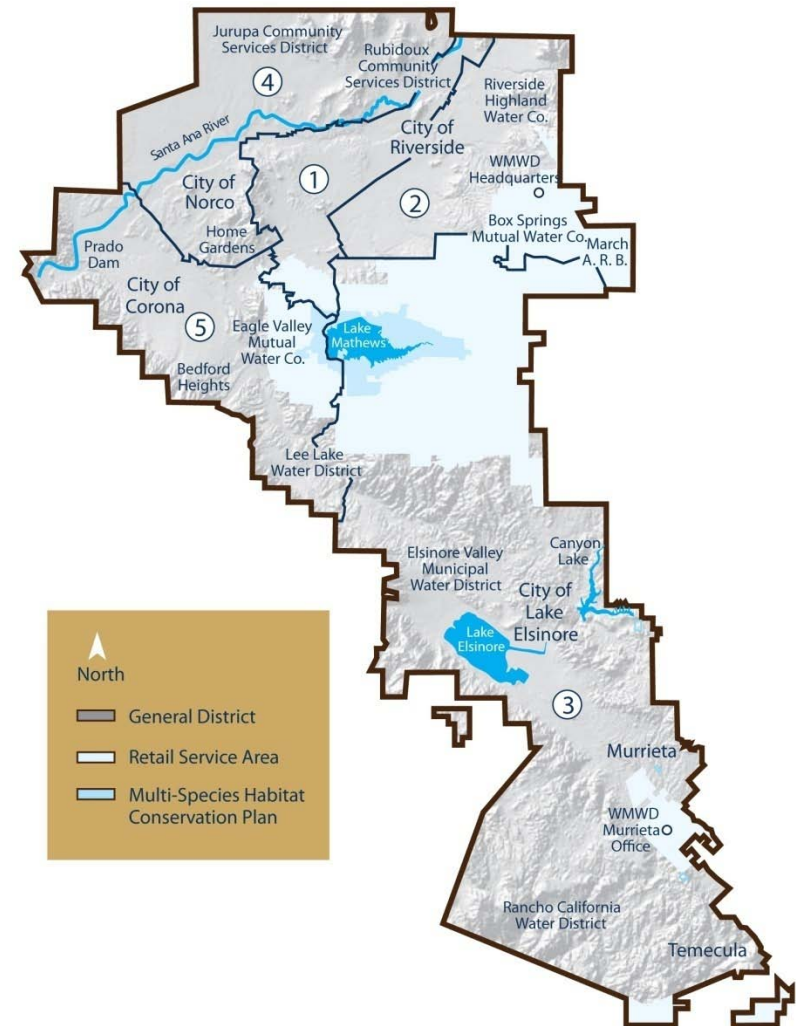


- **Board of Directors – five members**
- **Publicly elected by division**
- **Board meetings first and third Wednesdays**

WESTERN'S SERVICE AREA



- **527-square miles of western Riverside County**
- **Population of 850,000+ ... 1.5 million by 2030**
- **8 wholesale agencies**
- **24,000+ retail customers**
- **125,000 acre-feet of water annually or 34 billion gallons**
- **435 miles of pipelines**
- **38 water storage reservoirs**



WESTERN'S WATER SOURCES



70%

STATE WATER PROJECT



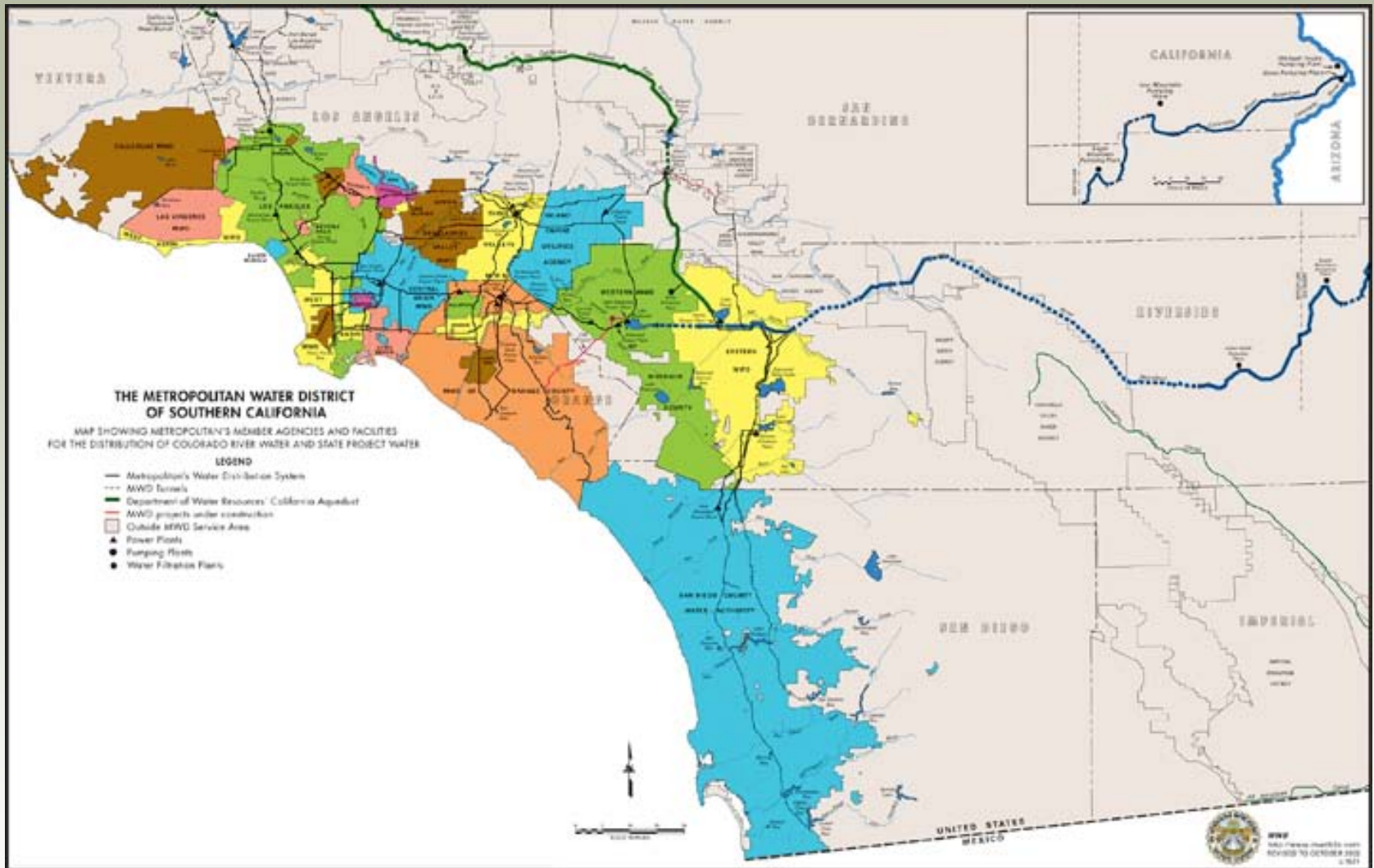
25%

COLORADO RIVER AQUEDUCT



5%

GROUNDWATER/DESALTED



Metropolitan Service Area

SOUTHERN CALIFORNIA'S IMPORTED WATER SUPPLY



IT'S (PAST) TIME TO GET SERIOUS ABOUT WATER...



Challenges Water Supply Factors

- In a prolonged drought...
- Severe drought on Colorado – 2008 1st good year since 1999
- Delta pump restrictions
- 10% cut in supply allocation from MWD
- 30% State Project flow

RATIONING ON
THE WAY...



Lake Oroville 2005



Lake Oroville

June 2005: 897.12 Feet Elevation - 3,492,262 Acre Feet

Lake Oroville 2008



Lake Oroville

February 2008: 719.86 Feet Elevation - 1,412,524 Acre Feet

Water Conservation & Supply Shortage Program/Ordinance 374

- Western is in Stage 1
- Board may adopt Stage 2 in June with effective date July 1
- Customers called upon use water efficiently –
 - no outdoor watering 8a-8p
 - watering three days/week based upon odd/even address (Stage 2)





- Western's legislative advocacy protects local and regional water resources.
- Successful defense of local property taxes from state legislative raids.
- Implementation of Strategic Platform – initiatives necessary to maintain Western's mission amid unprecedented threats.

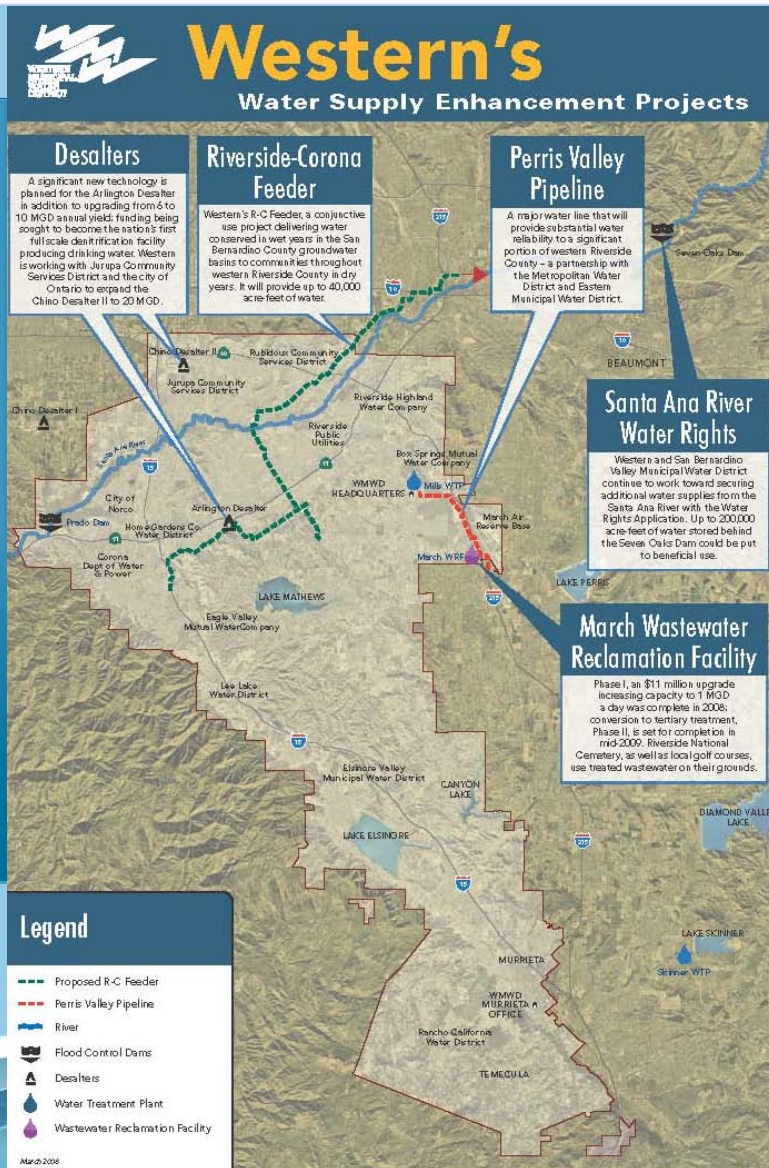
Long-term Delta solution

Guiding principles for Delta Sustainability – adopted Dec 17, 2008

- **Restoring reliable Delta conveyance.** This action will result in the greatest amount of water delivered for the greatest number of people, farms and industries.
- **Achieving reliable conveyance requires bypass surgery in the Delta,** securing safe separation between drinking water, endangered species, and intrusive salt water in the event of a major earthquake or eventual rise in ocean levels. Action to secure this long-term solution is already underway.



WATER SUPPLY ENHANCEMENT PROJECTS



- Santa Ana River Water Rights Application
- Western Water Recycling Facility
- Perris Valley Pipeline
- Riverside-Corona Feeder
- Desalting Collaboration
- City of Riverside Wheeling Agreement

WATER USE EFFICIENCY PROGRAMS



- **Water Use Efficiency Programs & Rebates**

- **Landscapes Southern California StyleSM**

- **Educational Outreach**

- **Community Outreach Events**



LANDSCAPES SOUTHERN CALIFORNIA STYLESM



One-acre water
conservation center

250+ species of
plant materials

Free-of-charge

Open daily 10 a – 4 p
Free brochures

Seasonal seminars

450 E. Alessandro Blvd.

WESTERN'S EDUCATIONAL PROGRAM



- Free Education Materials
- Krieger Grant & Scholarship Program
- Solar Cup
- Classroom Resources & In-service
- Theater Program
- Field Trips
- American Ground Water Trust
Institute for Teachers
- STEP Conference

WATER STEWARDS FOR THE REGION



Thank you. Questions?

WATER STEWARDS. FOCUSED ON SOLUTIONS.