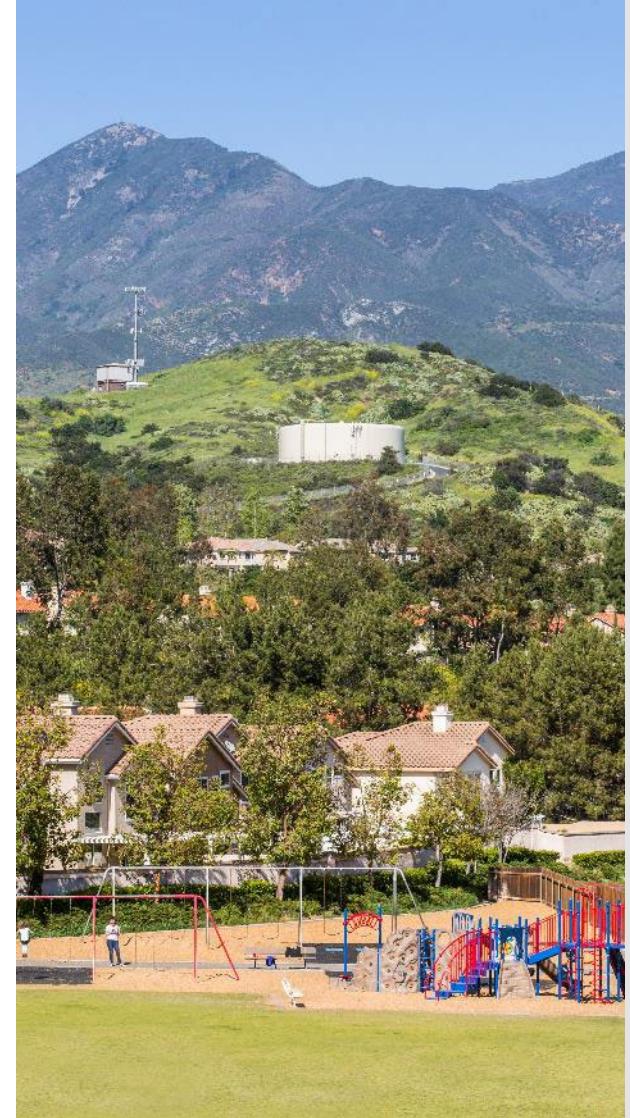
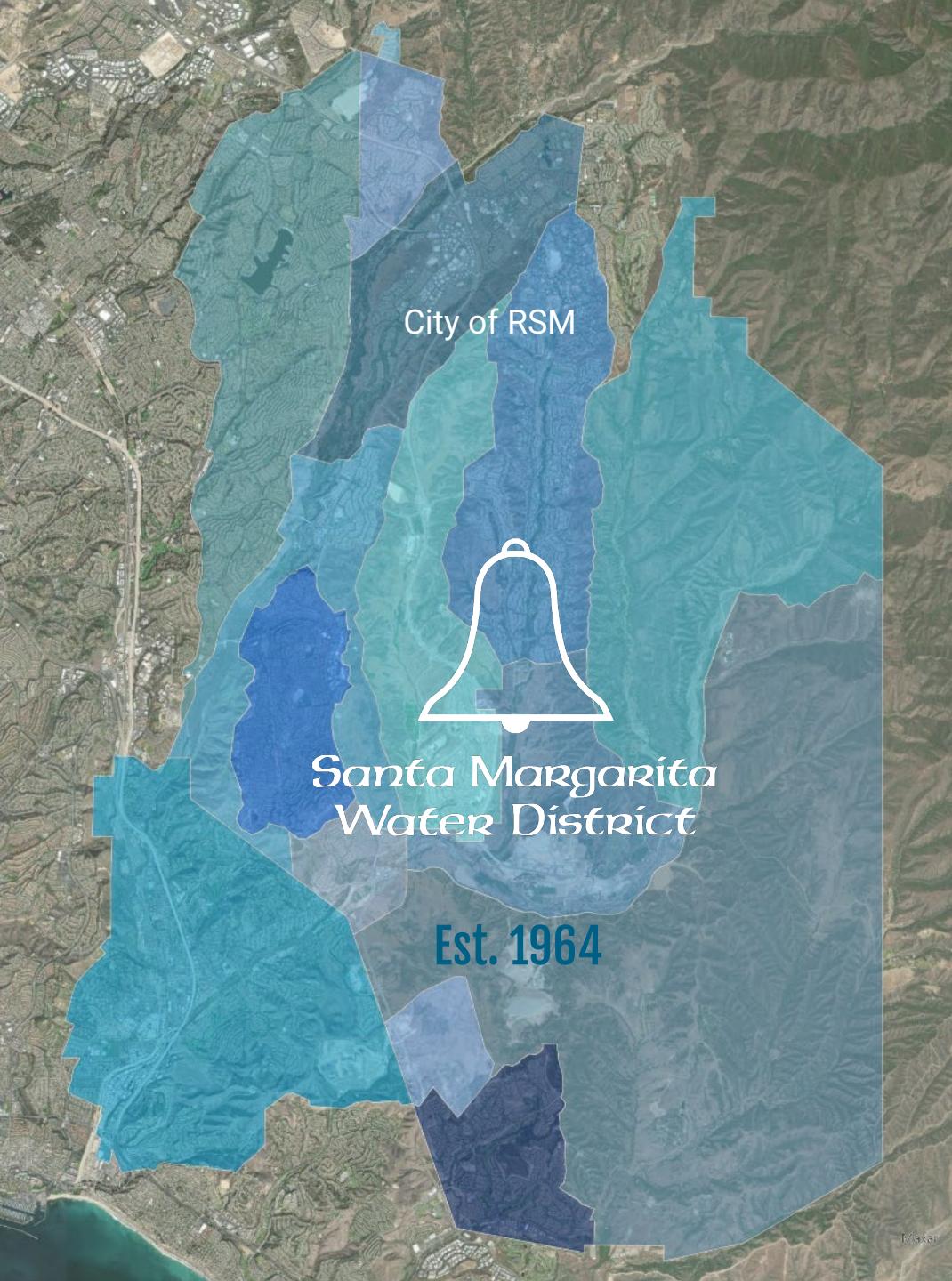


Protecting RSM During Wildfires & High Winds

February 26, 2025



**Santa Margarita
Water District**



ABOUT SMWD

Experts in Water

- Drinking Water, Recycled Water & Wastewater
- Safe drinking water is job #1

Proudly Serving Rancho Santa Margarita

- 220,000 Residents in South Orange County

System Reliability

- \$3 Billion Water System
- 1,700+ miles of pipeline
- 250 facilities
- Invested \$21.44 MM in maintenance & upgrades (2024)

ANNUAL WATER SUPPLY

~10 Billion Gallons/37,000 Acre-Feet

70%

IMPORTED WATER

Drinking water from
Northern California & Colorado River

5%

LOCAL WATER

Groundwater (San Juan Capistrano)

25%

RECYCLED WATER

Locally produced at two SMWD water
reclamation plants





SMWD COMMITTED TO SAFEGUARDING OUR COMMUNITY

- 500 million gallons of **emergency drinking water stored locally**
- 3 billion gallons of recycled water to **support aerial firefighting**
- **HeloPod** located near Caspers Regional Park
- Emergency **backup power** installed at key facilities

RSM Water Infrastructure

Served by SMWD



Santa Margarita
Water District



10 Reservoir (45 million gallons)



Coordinate with OCFA



1,500 Fire Hydrants



Backup Power at all facilities



Santa Margarita
Water District

We're Proud to Serve & Protect
Rancho Santa Margarita



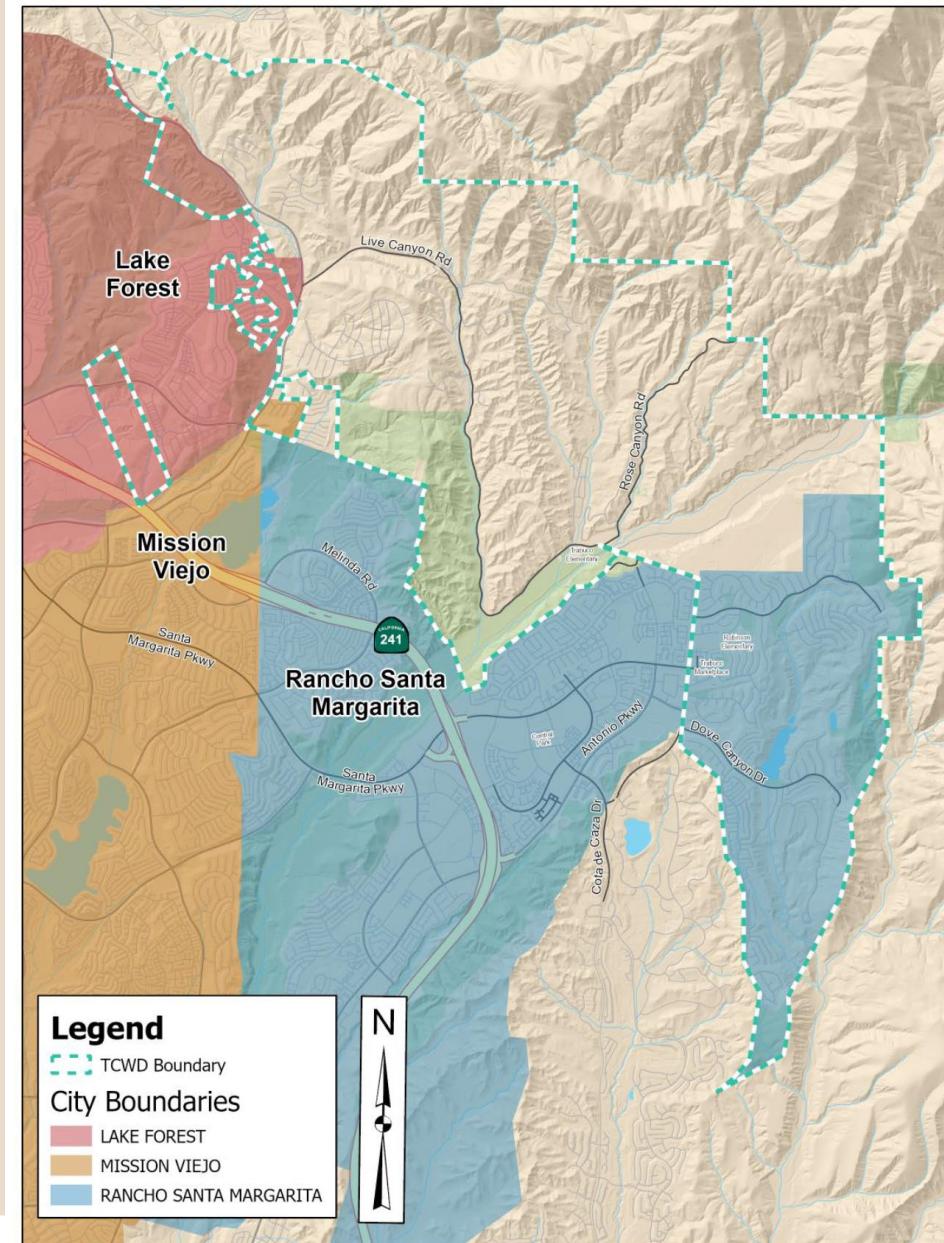
Wildfires & High Wind Preparedness

City of Rancho Santa Margarita City Council Meeting – February 2025



About TCWD

- Formed in 1962 - SAMCWD
- Governed by a Board of Directors (5)
- Approximately 4,200 connections
- Approximately 13,400 population
- Serves Cities of RSM, Lake Forest, & Mission Viejo, and Unincorporated County of Orange
- D4 Distribution System due to elevation changes



District Services

FULL SERVICE SPECIAL DISTRICT

- Water Filtration/Treatment
- Groundwater Filtration/Treatment
- Wastewater Treatment – Title 22
- Recycled Water System
- Urban Water Recovery System
- Community Center

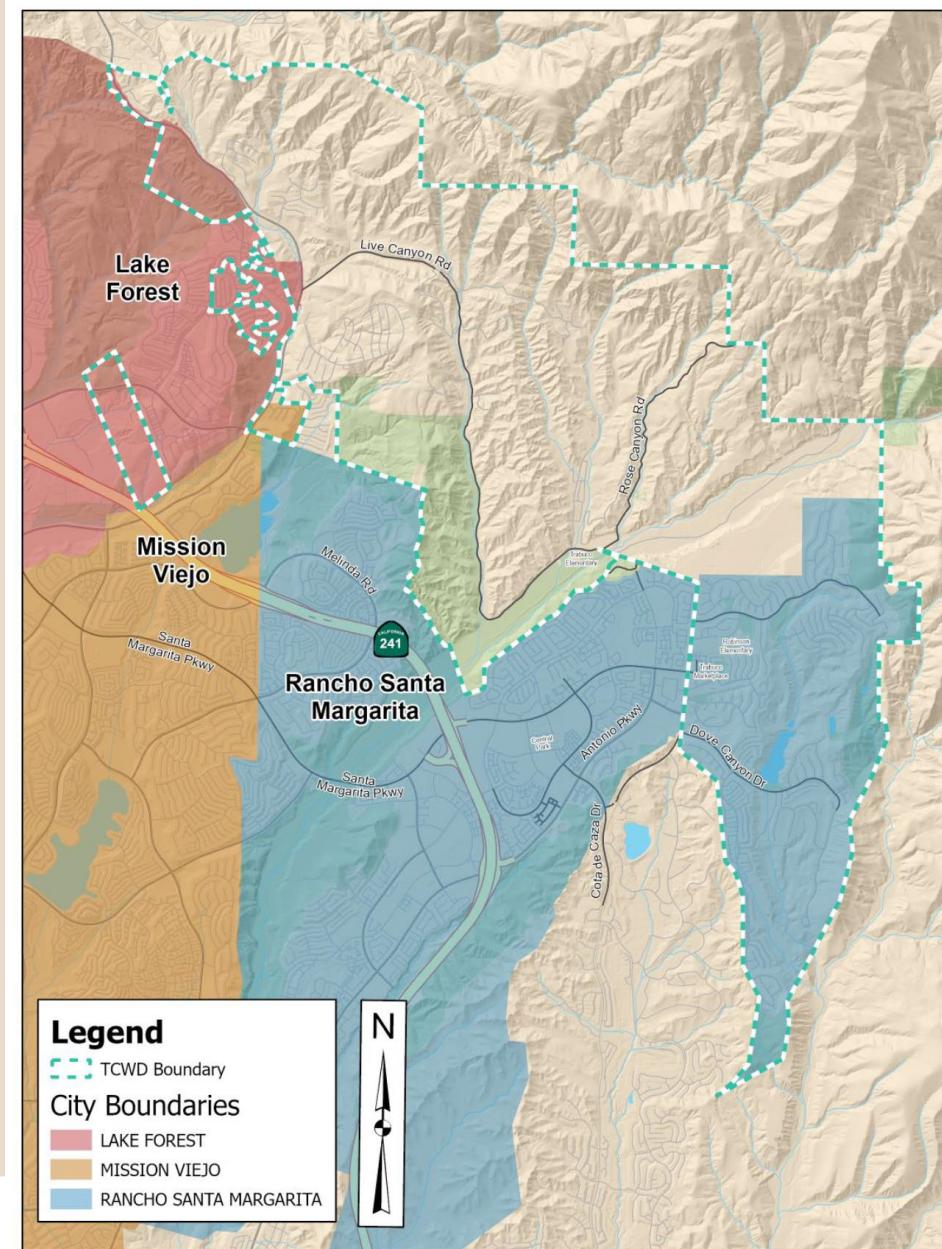


Wildfire Preparedness

Service Area Interface Wildfire Events

- Silverado Fire – 2007, 2020
- Santiago Fire - 2018
- Holy Fire – 2016, 2018
- Jim Fire - 2022
- Airport Fire - 2024

SCE PSPS Events





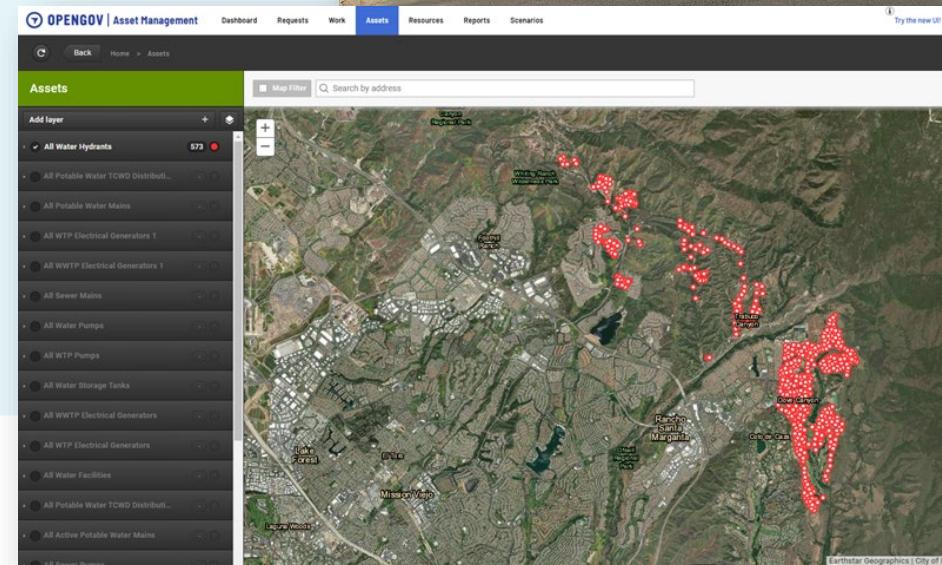
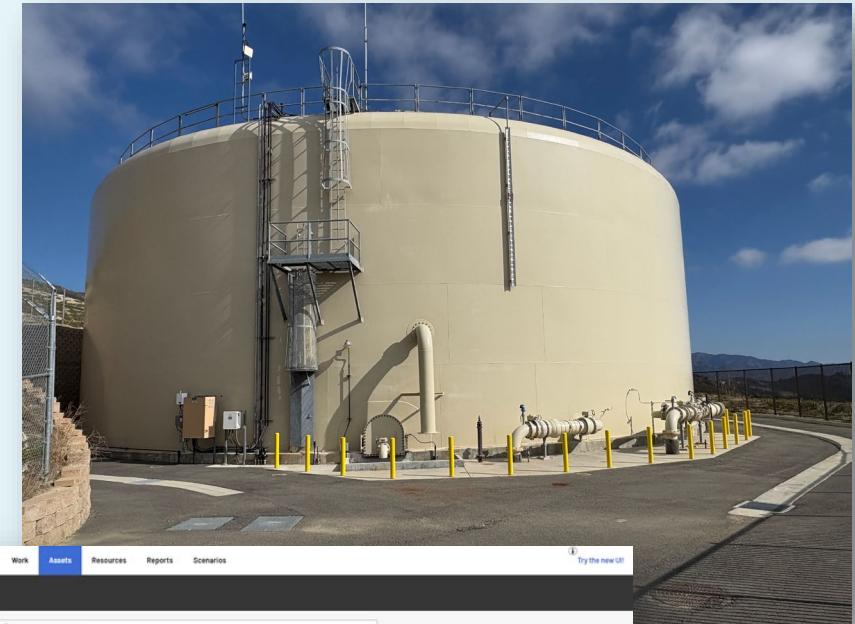
System Preparedness in RSM

Domestic Water

- 3 Reservoirs
- 2 Booster Pump Stations
- Interconnections – SMWD, IRWD, & ETWD

Preventative Maintenance – 2 Year Cycle

- 395 Hydrants
- 720 Distribution System Valves
- 243 Distribution System Blowoffs



System Preparedness in RSM

All water & sewer facilities in RSM have Emergency Backup Power Generation

- Onsite Diesel Generators
- Mobile Generator Weather Switches
- Mobile Generators of all sizes to meet system emergency demands

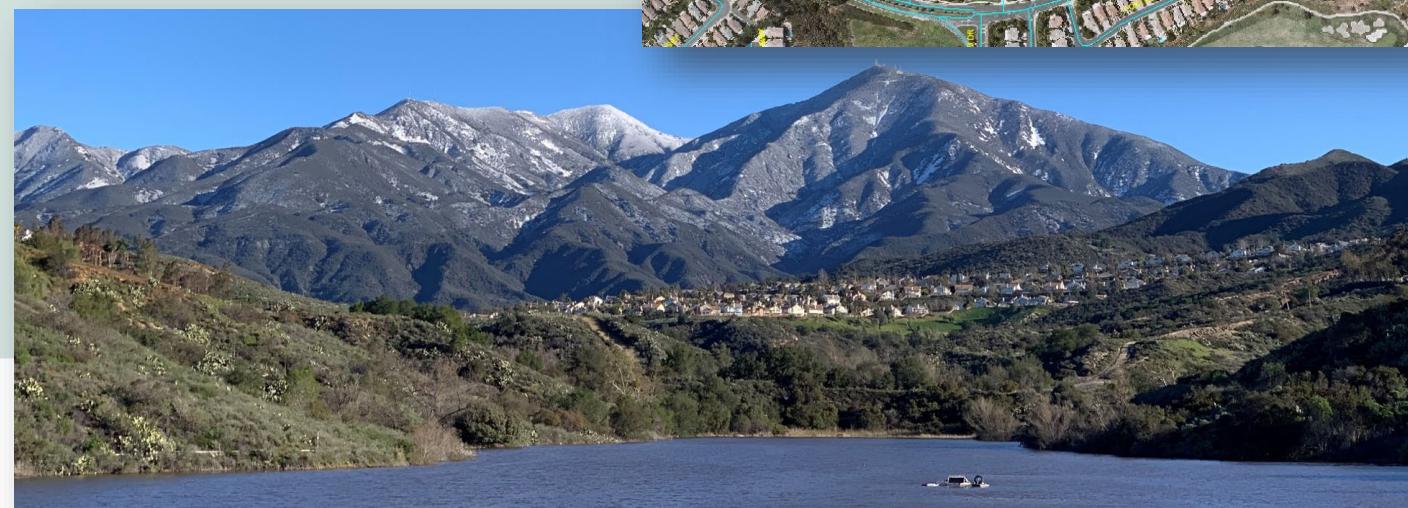
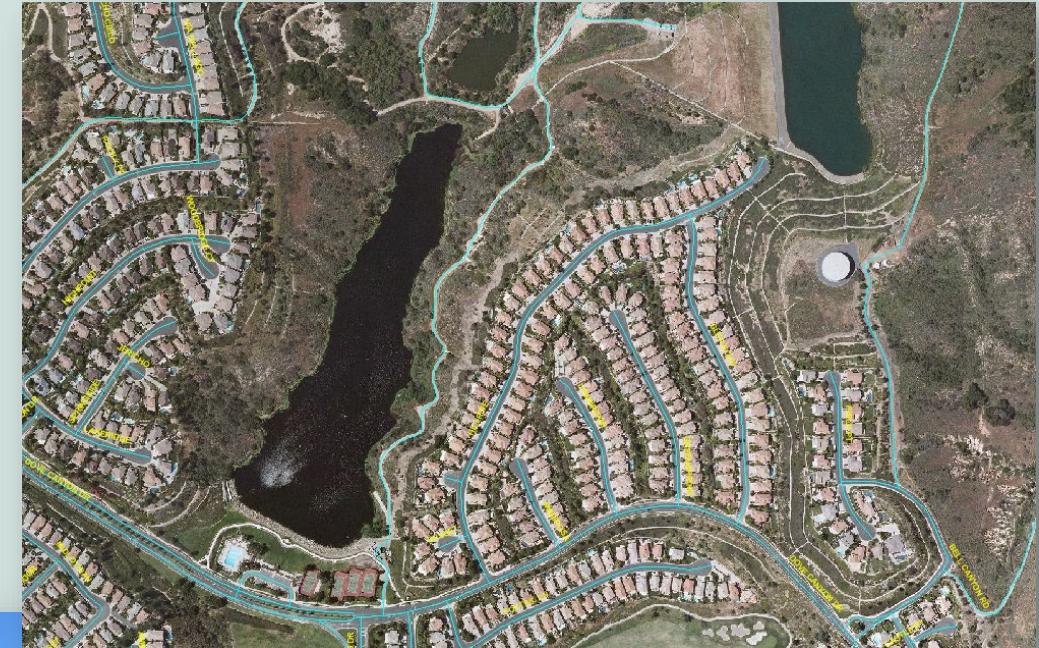
Frequent active collaboration with other water and public safety agencies & cities behind the scenes



System Preparedness in RSM

Recycled Water Storage

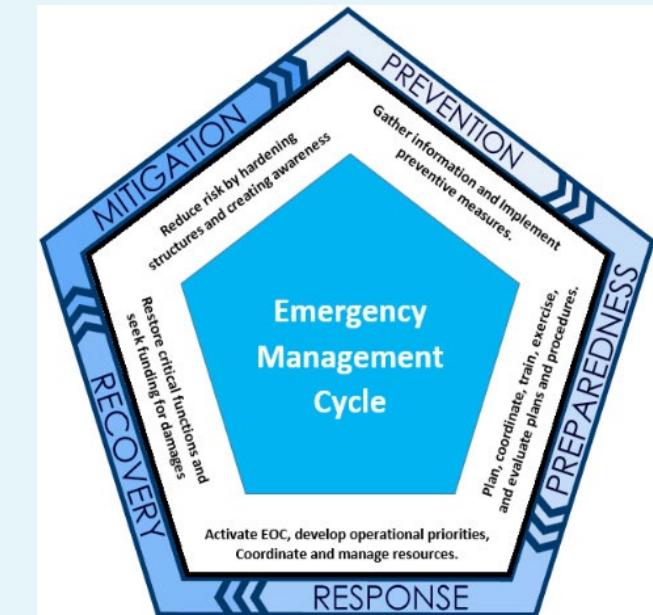
- Robinson Ranch Recycled Water Reservoir
145 Acre Feet/47 Million Gallons
- Dove Lake –
331 Acre Feet/108 Million Gallons

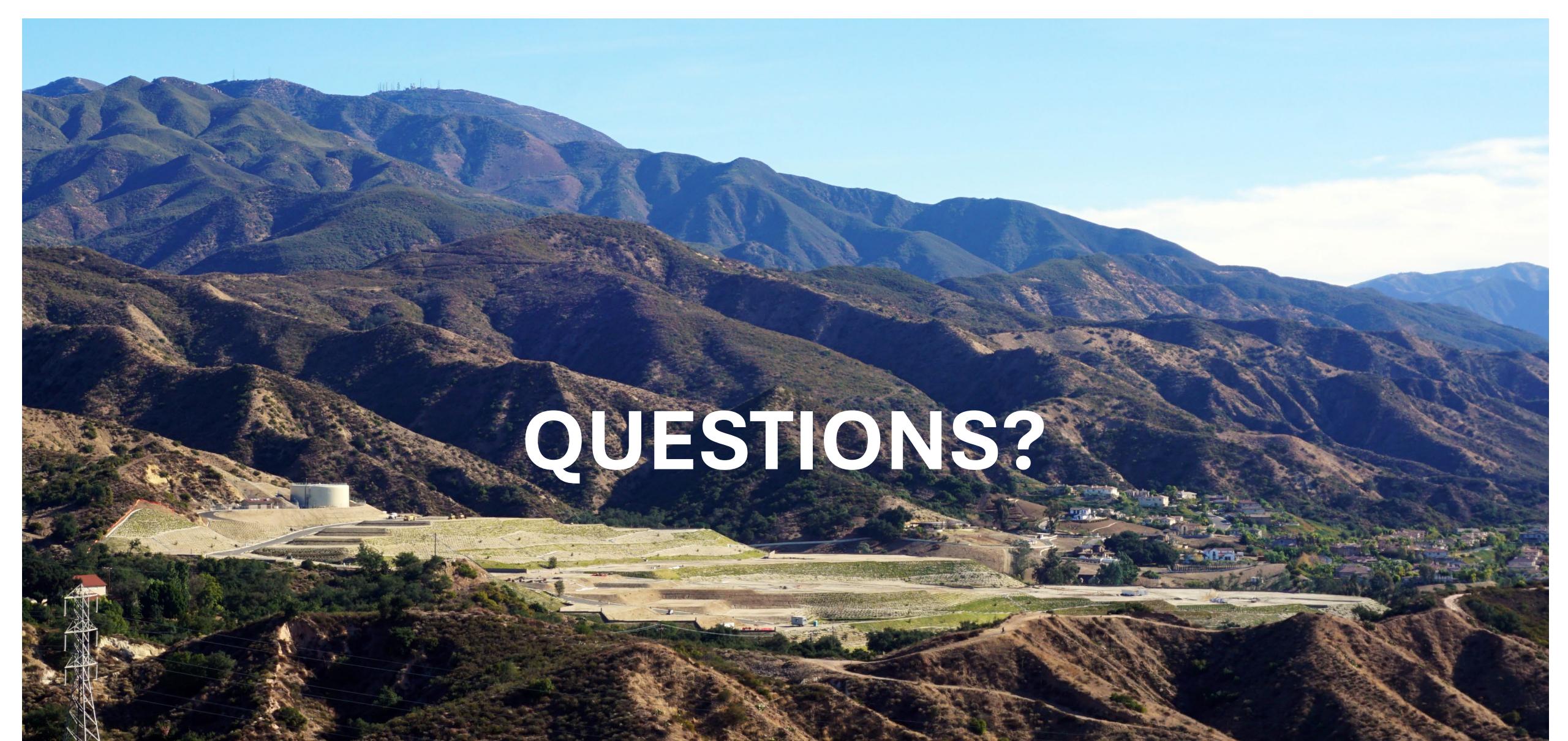


WEROC

Water Emergency Response Organization of Orange County

- Emergency Management Cycle Focus
- Facilitates Mutual Aid requests between MWDOC member agencies
- Integrates with the Operational Area Emergency Operations Center (EOC) to ensure continuity of services during emergencies
- Provides specialized training opportunities on Incident Command and Disaster Recovery





QUESTIONS?

