

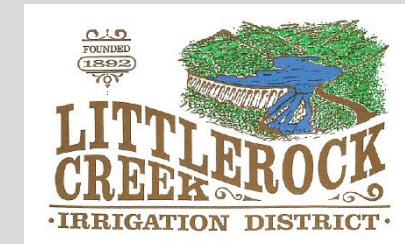


# Class 8 Overview & Water Management Analysis

September 18, 2023



DESERT WATER



PALMDALE WATER DISTRICT  
A CENTURY OF SERVICE



# SWC Agencies and Classes

## STATE WATE CONTRACTORS MEMBERSHIP AGENCY BY CLASS

### Class 1:

City of Yuba City  
Napa County Flood Control and Water Conservation District  
Solano County Water Agency

### Class 2:

Alameda County Flood Control and Water Conservation  
District, Zone 7  
Alameda County Water District  
Santa Clara Valley Water District

### Class 3:

County of Kings  
Dudley Ridge Water District  
Empire West Side Irrigation District  
Oak Flat Water District  
Tulare Lake Basin Water Storage District

### Class 4:

Kern County Water Agency

### Class 5:

San Luis Obispo County Flood Control and Water  
Conservation District  
Central Coast Water Authority

### Class 6:

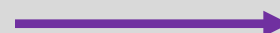
Metropolitan Water District of Southern California

### Class 7:

Casitas Municipal Water District  
Santa Clarita Valley Water Agency

### Class 8:

Antelope Valley-East Kern Water Agency  
Coachella Valley Water District  
Crestline-Lake Arrowhead Water Agency  
Desert Water Agency  
Littlerock Creek Irrigation Water District  
Mojave Water Agency  
Palmdale Water District  
San Bernardino Valley Municipal Water District  
San Gabriel Valley Municipal Water District  
San Geronio Pass Water Agency



# East Branch of State Water Project



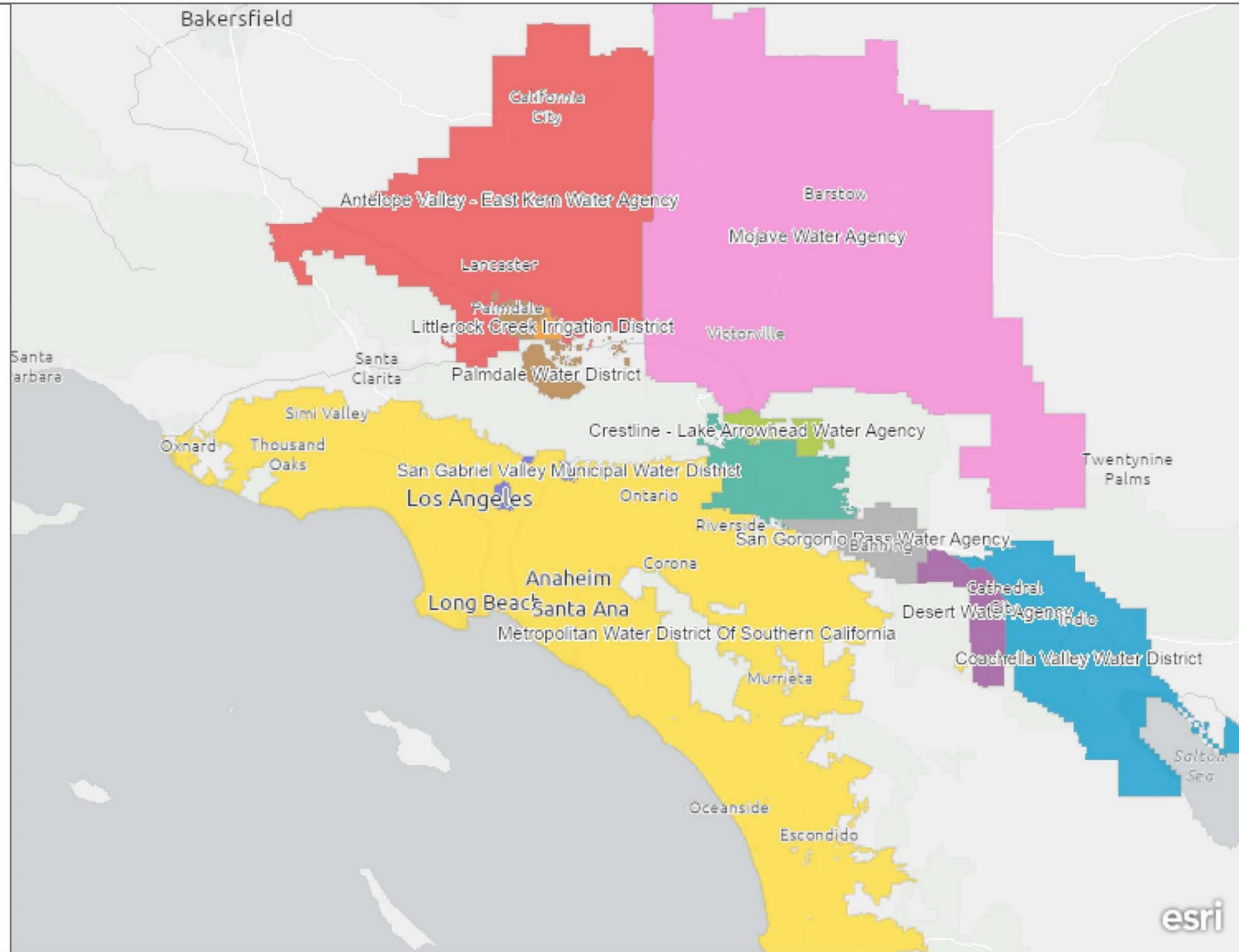
# East Branch Contractor Service Areas

- Class 8 consists of all East Branch contractors – except MWD
- 10 Agencies
- Largest SWC class by total number of agencies

## East Branch State Water Contractors

### East Branch State Water Contractors

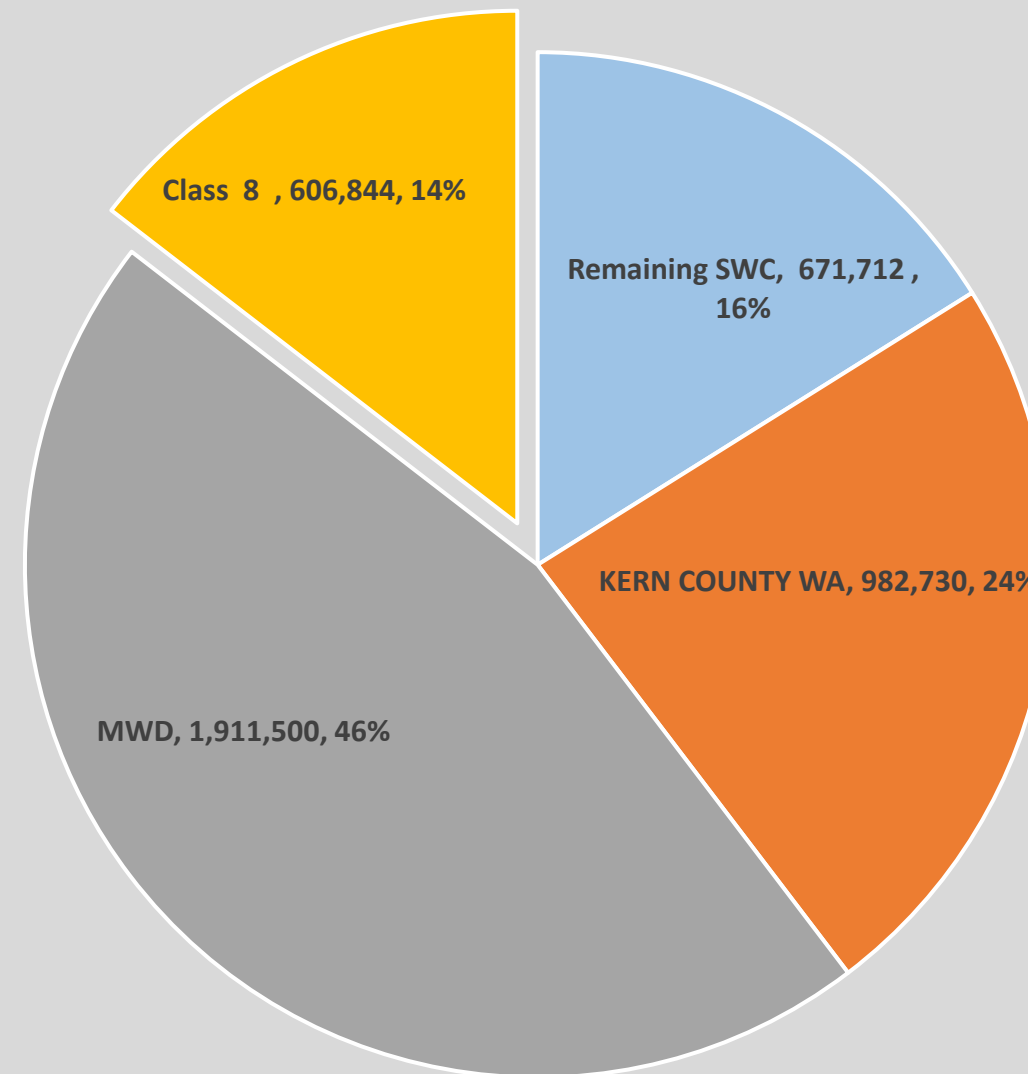
- Antelope Valley - East Kern Water Agency
- Coachella Valley Water District
- Crestline - Lake Arrowhead Water Agency
- Desert Water Agency
- Little Rock Creek Irrigation District
- Metropolitan Water District Of Southern California
- Mojave Water Agency
- Palmdale Water District
- San Bernardino Valley Municipal Water District
- San Gabriel Valley Municipal Water District
- Other



# SWP Table A

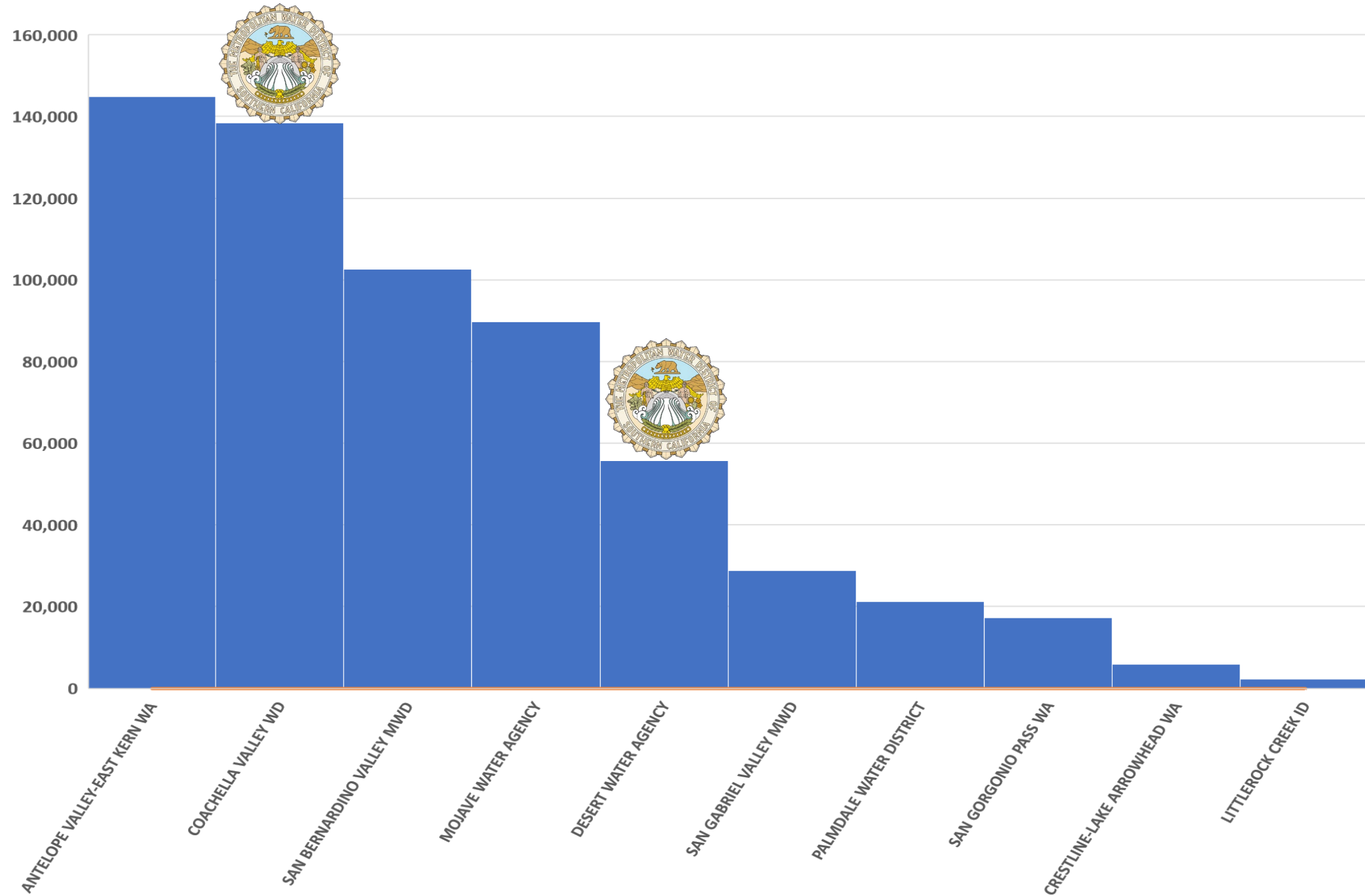
## SWP Table A Overview

- Class 8 is the third largest class by Table A among the SWC organization
- ~607K acre-feet in total
- 14% of the total Table A



# Class 8 Table A Share

Class 8 Table A in Acre Feet



# Management Analysis Class 8 – Variety of Needs

## **Class 8 Contractors are trying to collaborate more and be unified**

- Some have excess water
- Some have too little
- Some have groundwater storage
- Some rely on direct delivery
- Some have capacity constraints
- Some only need dry-year supplemental water
- Some actively bank locally, others use what they need

## **Reconnaissance Level Scope (\$25,000)**

- Timing and availability of SWP water
- Frequency and level of constraints
- Bottleneck analysis
- Upstream banking opportunities
- Groundwater & surface water storage
- Conveyance opportunities
- Optimized use of various assets within the Class 8 family



# *Discussion & Questions*