

Who is SAWPA?

SAWPA is a Watershed Agency Focused on Regional Water Issues

Formed originally in 1968 as a planning agency, the Santa Ana Watershed Project Authority (SAWPA) was created to help resolve interagency conflicts and address regional water issues in the Santa Ana River watershed. SAWPA tackles issues related to water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

SAWPA's Role

SAWPA Manages One Water One Watershed Program

SAWPA serves as the program manager, grant applicant, primary grantee, and grant administrator on behalf of local project sponsors participating in the OWOW Program. SAWPA is responsible for submitting required reports and managing invoices and grant disbursements from the state. SAWPA provides final direction, review, and approval for all decisions made for the program through the OWOW Steering Committee and OWOW Pillars.

SAWPA Supports its Member Agencies and Other Organizations with Water Planning

SAWPA is a Joint Powers Authority of five member agencies that supports water resources planning: Eastern Municipal Water District, Inland Empire Utilities Agency, Orange County Water District, San Bernardino Valley Municipal Water District, and Western Municipal Water District. SAWPA seeks to create and facilitate partnerships with and between organizations pursuing shared interests and overall watershed sustainability. Our regional leadership provides a model of collaboration and cooperation utilizing integrated solutions. SAWPA's Mission is to:

- Facilitate communication
- Identify emerging opportunities
- Develop regional plans
- Secure funding
- Implement programs
- Build projects
- Operate and maintain facilities

The **One Water One Watershed Program** is one of our success stories – additional information about SAWPA programs can be found at www.sawpa.org.

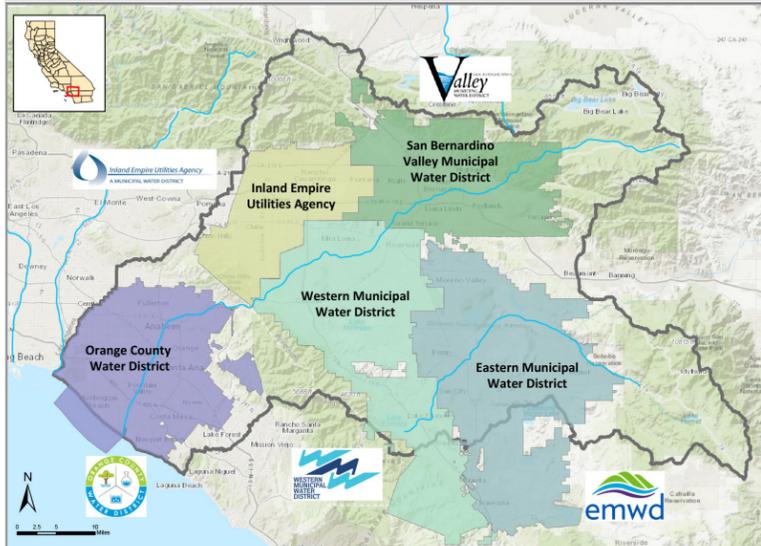
Other SAWPA Regional Planning Efforts

Middle Santa Ana River TMDL Task Force
Emerging Constituents Program Task Force
Basin Monitoring Program Task Force
Imported Water Recharge Workgroup
Regional Water Quality Monitoring Task Force
Santa Ana Sucker Conservation Team
Lake Elsinore and Canyon Lake TMDL Task Force
Forest First
WECAN
Arundo Habitat Management
Lake Elsinore & San Jacinto Watersheds Authority



ONE WATER ONE WATERSHED PROPOSITION 84 - IRWM ROUND 1 PROJECTS

SAWPA Member Agencies



Learn More and Contact Information

For the latest information on the One Water One Watershed Program, please visit:



www.sawpa.org/owow-program/prop-84-round-1/



www.CAWaterLibrary.net



Contact Mark Norton at mnorton@sawpa.org

What is One Water One Watershed (OWOW)?

OWOW reflects a comprehensive view of the watershed and water issues encompassing all sub-regions, political jurisdictions, water agencies, and non-governmental stakeholders in the watershed. It is one in which all types of water (imported, local surface and groundwater, stormwater, and wastewater effluent) are viewed as components of a single water resource linked to land use and habitat supporting natural hydrology in the watershed.

One Water One Watershed Plan

OWOW is part of the California Department of Water Resources (DWR) Integrated Regional Water Management (IRWM) Program which promotes collaborative planning and water resources management. The OWOW IRWM Plan for the Santa Ana River watershed was written using a "bottom up" approach to ensure that key discussions of major water resource issues, concerns, problems, goals, and objectives and potential solutions originated and were fully vetted at the stakeholder level.

The OWOW Plan is led by an 11-member **Steering Committee** composed of representatives from the counties, municipal water agencies, flood control districts, private sector, and environmental and regulatory communities within the watershed. The Steering Committee is supported by watershed-wide technical experts assembled into 10 working groups, known as the **OWOW Pillars** that each focus on major water resource management strategies. The Pillars, the Steering Committee, and SAWPA work together to develop the OWOW Plans and coordinate IRWM funding efforts.

What is Prop 84 IRWM Funding?

Prop 84 IRWM authorized \$1 billion of general obligation bonds to be made available for water-related projects throughout the state.

Round 1: Reduce Imported Water Demand

During **Round 1**, SAWPA was awarded **\$12.7 million** in grant funding for **13 projects** that offset up to **15% of imported water demand** in the region.

2
PROJECTS

Enhance the use of **recycled water** and provide additional **groundwater recharge**

4
PROJECTS

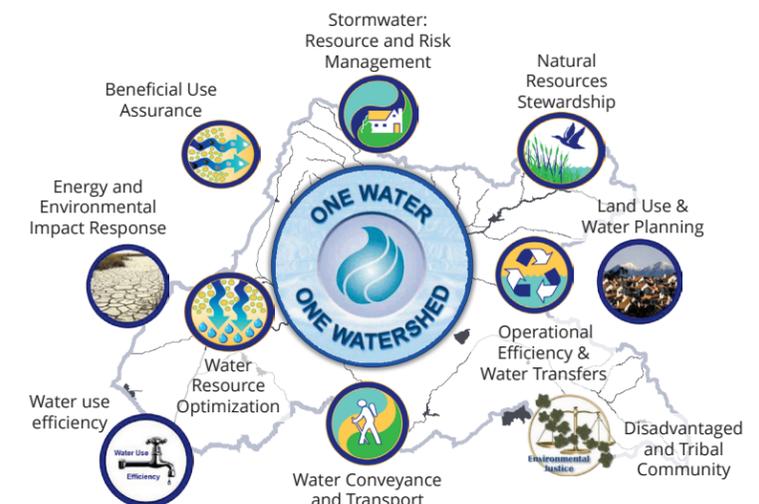
Improve **flood management/habitat** while improving **surface water quality**

7
PROJECTS

Provide additional **salt removal** and **groundwater quality improvement**

2012
TO
2019

The grant contract runs from **June 2012 > June 2019**



OWOW supports watershed level thinking through the One Water One Watershed Plan.

How does IRWM Funding Work?

IRWM Implementation Grants

Prop 84 IRWM authorized \$1 billion to be made available for grants that protect the long-term water needs of the state. Benefits ideally funded through the OWOW Program would align with OWOW goals:

- Provide reliable water supply
- Preserve and enhance the environment
- Promote sustainable water solutions
- Ensure high quality water for all users
- Provide economically effective solutions
- Improve regional integration and coordination
- Manage rainfall as a resource
- Preserve open-space and recreational opportunities
- Maintain quality of life

Project Rating and Ranking

The scoring criteria approved by the OWOW Steering Committee aim to address the goals and objectives of the OWOW Plan and awards points based on:

- Santa Ana River watershed benefits
- Water supply benefits
- Hydrology and flood control benefits
- Enhancement of natural environment
- Pollution management
- Cost efficiency
- Benefits to disadvantaged communities

OWOW Project Selection Process

Call for Projects



Preliminary Screening



Project Review



Grant Awards



Project Highlights

Mill Creek Wetlands

City of Ontario

The Mill Creek Wetlands is a regional natural treatment facility located near Cucamonga Channel in the upper Santa Ana River watershed. The project diverts and treats an average of about 4,200 AFY of wet weather runoff and 2,700 AFY of dry weather runoff in Cucamonga Creek into a series of natural water quality treatment ponds to remove contaminants from surface water. In addition, the project incorporates 2.25 miles of hiking and equestrian trails and supports key habitat types across 32 acres of land.



Mill Creek Wetlands

Inland Empire Brine Line Rehabilitation and Enhancement

SAWPA

The Inland Empire Brine Line (Brine Line) is a unique and indispensable resource for the Inland Empire region, providing a facility for exporting salt from inland areas to the ocean. Salt export is important for protecting water quality and meeting regulatory requirements. The Brine Line provides a viable salty wastewater disposal facility for industries that generate salty wastewater during the manufacturing process, or from cooling, boiler blowdown or other processes. Salty wastewater from industry is redirected from the local wastewater treatment plant to the Brine Line, reducing the salt discharged from treatment plants into the Santa Ana River protecting plants and animals dependent on lower salt water and reducing the salt which percolates into the groundwater basins. This rehabilitation project increased the capacity of the Lower Reach IVB Brine Line by an additional 4.0 million gallons per day (mgd). The additional capacity in the brine line from the project will allow an additional 30,000 tons per year of salt removal from the watershed.



Brine line construction

OWOW Prop 84, Round 1 Projects

Project, Local Project Sponsor and Grant Award Allocation	Project Benefits
 Groundwater Replenishment System - Flow Equalization Orange County Water District (\$1,000,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 12,000 AFY
 Sludge Dewatering, Odor Control and Primary Sludge Thickening Orange County Sanitation District (\$1,000,000)	<ul style="list-style-type: none"> • Recycling reuse increase of 78,400 AFY
 Santa Ana Watershed Vireo Monitoring Santa Ana Watershed Association (\$600,000)	<ul style="list-style-type: none"> • Restored 300 acres of endangered bird species habitat
 Mill Creek Wetlands City of Ontario (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture of 6900 AFY • 32 acres of new habitat
 Cactus Basin San Bernardino County Flood Control District (\$1,000,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 15,000 AFY • 700 acres of preservation restored
 Inland Empire Brine Line Rehabilitation and Enhancement Santa Ana Watershed Project Authority (\$1,000,000)	<ul style="list-style-type: none"> • Additional 4 million gallons of water treated per day • 30,000 tons per year of salt removal
 Arlington Desalter Interconnection Project City of Corona (\$400,000)	<ul style="list-style-type: none"> • Water use efficiency increase of 12,000 AFY
 Perris II Desalination Facility Eastern Municipal Water District (\$1,000,000)	<ul style="list-style-type: none"> • Groundwater desalination of 6,050 AFY • 21,000 tons of salt removed
 Perchlorate Wellhead Treatment System Pipelines West Valley Water District (\$1,000,000)	<ul style="list-style-type: none"> • 101 tons of salt removed
 Chino Creek Wellfield Development Western Municipal Water District (\$1,000,000)	<ul style="list-style-type: none"> • Groundwater desalination of 2,900 AFY
 Impaired Groundwater Recovery Irvine Ranch Water District (\$1,000,000)	<ul style="list-style-type: none"> • Imported water demand reduced by 6,330 AFY
 Alamitos Barrier Improvement Project Orange County Water District (\$5,000,000)	<ul style="list-style-type: none"> • 520 tons of salt removed
 Arlington Basin Water Quality Improvement Project Western Municipal Water District (\$216,000)	<ul style="list-style-type: none"> • Stormwater capture storage increase of 1,300 AFY • 16 acres of preservation restored