SAWPA is a Watershed Agency Focused on Regional Water Issues

SAWPA was created in 1968 as a planning agency to 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 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 support 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.

SAWPA’s Mission is to:

- Promote collaborative planning and water resources management
- Develop a comprehensive water resources management plan for the Santa Ana River watershed
- Address water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal
- Utilize integrated solutions

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

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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.

SAWPA manages One Water One Watershed Program

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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 One Water One Watershed Plan?

OWOW supports watershed level thinking through the One Water One Watershed Plan, which focuses on water supply reliability, water quality improvement, recycled water, wastewater treatment, groundwater management, and brine disposal.

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. Funding was distributed through four rounds.

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

• 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

Project Highlights

**Enhanced Stormwater Capture and Recharge Along the Santa Ana River**

San Bernardino Valley Water District

The project builds new stormwater facilities and improves existing facilities to increase the amount of stormwater that can be captured and recharged along the Santa Ana River. Improvements include adding a debris removal system and rubber dam gate, and constructing a new sedimentation basin, canal, pipeline, and recharge basins. These improvements will collectively increase the amount of stormwater that can be captured downstream from the Seven Oaks Dam by capturing and recharging 80,000 acre-feet (AF) in a single year and 500 cubic feet per second of instantaneous flow.

**Peters Canyon Channel Water Capture and Reuse Pipeline**

City of Irvine

The project was implemented to reduce selenium and nitrate loadings in the San Diego Creek Watershed, a subwatershed of the lower Santa Ana River Watershed. The Peters Canyon Pipeline captures and permanently diverts discharges of selenium-laden groundwater at four locations along the Peters Canyon Channel to reduce selenium and nitrate loadings by approximately 258 pounds and 70,000 pounds per year. The project helps improve the impaired San Diego Creek while also providing a supplemental supply of local water for the region. The final designs included 17,000 feet of pipeline, three diversions structures, six street crossings, two channel crossings, and a connection to the sewer system. Final construction of the project was completed in February 2017.

**Forest First**

Call for Projects

Preliminary Screening

Project Review

Grant Awards

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

OWOW Project Selection Process

OWOW Prop 84, Round 2 Projects

<table>
<thead>
<tr>
<th>Project, Local Project Sponsor, Grant Award Allocation</th>
<th>Project Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Perris Desalination Program – Brackish Water Wells 94, 95, and 96</td>
<td>Eastern Municipal Water District ($1,000,000)</td>
</tr>
<tr>
<td>Quail Valley Subarea 9 Phase 1 Sewer System Project</td>
<td>Eastern Municipal Water District ($1,930,000)</td>
</tr>
<tr>
<td>Forest First</td>
<td>USDA Forest Service – San Bernardino National Forest ($1,000,000)</td>
</tr>
<tr>
<td>Wineville Regional Recycled Water Pipeline and Groundwater Recharge System Upgrades</td>
<td>Inland Empire Utilities Agency ($1,000,000)</td>
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<tr>
<td>Plunge Creek Water Recharge and Habitat Improvement</td>
<td>San Bernardino Valley Water District ($500,000)</td>
</tr>
<tr>
<td>Prado Basin Sediment Management Demonstration Project</td>
<td>Orange County Water District ($750,000)</td>
</tr>
<tr>
<td>Enhanced Stormwater Capture and Recharge Along the Santa Ana River</td>
<td>San Bernardino Valley Water District ($1,000,000)</td>
</tr>
<tr>
<td>San Savaine Ground Water Recharge Basin</td>
<td>Inland Empire Utilities Agency ($750,000)</td>
</tr>
<tr>
<td>Corona/Home Gardens Well Rehabilitation and Multi-Jurisdictional Water Transmission Line Project</td>
<td>City of Corona ($1,300,000)</td>
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<tr>
<td>Regional Residential Landscape Retrofit Program</td>
<td>Inland Empire Utilities Agency ($500,000)</td>
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<tr>
<td>Canyon Lake Hybrid Treatment Process</td>
<td>Lake Elsinore and San Jacinto Watershed Authority ($500,000)</td>
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<tr>
<td>Customer Handbook to Using Water Efficiency in the Landscape</td>
<td>Western Municipal Water District ($120,000)</td>
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<tr>
<td>Lower Day Basin</td>
<td>Inland Empire Utilities Agency ($750,000)</td>
</tr>
<tr>
<td>Commercial/Industrial/Institutional Performance-Based Water Use Efficiency Program</td>
<td>Municipal Water District of Orange County ($500,000)</td>
</tr>
<tr>
<td>Peters Canyon Channel Water Capture and Reuse Pipeline</td>
<td>City of Irvine ($1,000,000)</td>
</tr>
<tr>
<td>Soboba Band of Luiseño Indians Wastewater Project</td>
<td>Soboba Band of Luiseño Indians ($150,000)</td>
</tr>
<tr>
<td>Recycled Water Project Phase I (Arlington-Central Avenue Pipeline)</td>
<td>City of Riverside ($1,000,000)</td>
</tr>
<tr>
<td>Wilson III Basin Project and Wilson Basins’ Spreading Grounds</td>
<td>City of Yucaipa ($750,000)</td>
</tr>
</tbody>
</table>

Groundwater desalinization of 2,900 AFY

• 4,060 tons of salt removed

• 1,750 acres of preservation restored

• Stormwater capture storage increase of 4,600 AFY

• 46 acres of preservation restored

• Stormwater capture storage increase of 1,250 AFY

• 50 acres of preservation restored

• Stormwater capture storage increase of 14,600 AFY

• Stormwater capture storage increase of 2,000 AFY

• 26 acres of preservation restored

• Restoration of water service

• Water use efficiency increase of 6,000 AFY

• 525 acres of preservation restored

• 50% reduction in total Phosphorous concentration

• Water use efficiency increase of 7,240 AFY

• Stormwater capture storage increase of 800 AFY

• Recycling reuse increase of 800-900 AFY

• Recycling reuse increase of 6,000 AFY

• Stormwater capture storage increase of 1,300 AFY