Status Update
OWOW Steering Committee
September 27, 2018

OWOW Program

1. OWOW Plan Update 2018
2. Disadvantaged Communities Involvement Program
3. Proposition 1 IRWM Implementation Grants
OWOW Plan Update 2018

Public Review
Draft Release
Behind Schedule

Scheduled for
August, now
scheduled for
mid-October

Still confident
that the final
report available
for Committee
approval in
November

Assembled document with formatting complete
Final edits underway at SAWPA

OWOW Plan Update 2018

Chapter 1: Overview, History
Chapter 2: How the Plan Gets Made
Chapter 3: Watershed Setting
Chapter 4: Vision, Goals, Objectives
Chapter 5: Recommended Strategies
Chapter 6: Program Review, Evaluation, Prioritization
Chapter 7: Impacts and Benefits of Sustainable Integrated Solutions
Chapter 8: Finance and Funding
Chapter 9: Data Management & Plan Performance Monitoring
OWOW Plan Update 2018

5.1 Climate Risk and Response
5.2 Data Management and Monitoring
5.3 Disadvantaged Communities
5.4 Integrated Stormwater Management
5.5 Land Use and Water Planning
5.6 Natural Resources Stewardship
5.7 Tribal Communities
5.8 Water Quality
5.9 Water Resources Optimization
5.10 Water Use Efficiency

Chapter 1: Overview, History
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A legacy of movement

OWOW Plan (2008): Moving towards Sustainability
OWOW 2.0 Plan (2014): Moving into Implementation
OWOW Plan Update 2018:

Moving Forward Together
State of the Santa Ana River Watershed Conference

March 29, 2019

University Conference Center @
California State University Fullerton

<table>
<thead>
<tr>
<th>Program Element 1</th>
<th>Program Element 2</th>
<th>Program Element 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strengths &amp; Needs Assessment</td>
<td>Education / Engagement</td>
<td>Project Development</td>
</tr>
<tr>
<td>• Nearing completion, report due in the late fall</td>
<td>• Many items underway (internships, Trust the Tap)</td>
<td>• Technical Assistance to Communities</td>
</tr>
<tr>
<td>• Added listening sessions now being planned for the coming months</td>
<td>• Share results with elected leaders starting in the Spring</td>
<td>• TAC fully engaged, developing a system for selecting and prioritizing projects for Technical Assistance</td>
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<tr>
<td></td>
<td>• On-call translation services expected soon.</td>
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Disadvantaged Communities Involvement Program
## Prop 1 IRWM Implementation Grants - Latest from DWR

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</table>
One Water, One Watershed

The July 13, 2018 letter

• County of Orange, Orange County Water District, and Orange County Sanitation District
  • Together as the North/Central OC Watershed Management Area

The OC Plan and the July 13, 2018 letter from the North/Central OC Watershed Management Area
Shared terms for today:

- Integrated Regional Water Management Program
  - Funding Areas
  - Regional Water Management Groups
  - IRWM Plans

- OWOW Program
  - Subregional plans
  - One Water
  - One Watershed

IRWM elsewhere in CA

- Twelve Funding Areas
  - Designated by the Legislature
- Forty-Nine RWMG
- Three models for IRWM grant seeking:
  - Funding Areas with only one RWMG
    - Santa Ana and North Coast
  - Funding Areas with sharing agreements
    - e.g. San Diego
  - Funding areas with competitive grant proposals to DWR (this is most common)
Orange County Stakeholders

• Have been strongly engaged and influential in OWOW Program
• Active participation in Pillar Workgroups, and therefore the OWOW Plans

OWOW Program adjusts:

• Adopted process improvements:
  • Assertion that IRWM funded-projects cause no undue harm to others
  • Direct import of project lists from other plans
  • Quantified rating & ranking system developed with stakeholder input
• About 25% of implementation grants have been awarded to OC agencies and non-profits
The OC Plan presentation

Amanda Carr, Deputy Director, OC Environmental Resources

Blank on purpose
"...The Integrated Regional Water Management Planning Act was passed by the Legislature in 2002. The act **encouraged local and regional agencies to work together** to establish a strong foundation of IRWM.** (emphasis added)
**OWOW Program IRWM Grants**

**Prop 84**

- Available Grants: $105,000,000
- Grant Requests: $1,950,000,000
- Local Match to Grants: $650,000,000

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**SAWPA & Santa Ana Funding Area**

- **Boundaries**
  - Five-member agencies
  - Santa Ana Regional Board jurisdiction
- **Watershed**
  - Administrative
  - Physical
  - Social
  - Historic
- **IRWM Program**

*Groundwater Management Zones, Streams & Water Bodies*
**OWOW Steering Committee**

- Orange County Supervisor
- Riverside County Supervisor
- San Bernardino County Supervisor
- Orange County City elected
- Riverside County City elected
- 2 SAWPA Commissioners
- Environmental Advocacy Representative
- Appointed member of Santa Ana Regional Water Quality Control Board
- Business Community Representative

- SAWPA Commission = RWMG
  - Accepted through Regional Acceptance Process with DWR

- OWOW SC holds delegated advisory authority to:
  - Manage the updating of the IRWM Plan (OWOW Plans)
  - Develop a suite of projects when needed for IRWM Program grants

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**New OC requested changes to OWOW Program**

- To the OWOW Plan Update 2018:
  1. Subregional plan as a chapter of the OWOW Plan.

    - The OC Plan — 273 pages
    - OWOW Plan Update 2018 (current draft) — 350 pages
Inclusion of subregional plans

- Only required for Stormwater Resources Management Plans, two have been included:
  - Chino Basin Stormwater Resources Management Plan
  - North/Central OC Stormwater Resources Management Plan

- In a collaborative mode, invitations sent to:
  - Friends of Harbors, Beaches and Parks
  - OC Public Works
    - The OC Plan (2018)
  - California Coastal Conservancy
    - Santa Ana River Parkway and Open Space Plan (2018)

Inclusion of subregional plans

- Including other plans as chapters dis-integrates the OWOW Program.
- Management Scales
  - Geography
  - Topic

OWOW Funded Projects
New OC requested changes to OWOW Program

• To the OWOW Program policy for responding to grant opportunities:
  2. Designate 38% of available funding for projects in / by Orange County agencies
  3. Let The OC Plan rating & ranking and eligibility criteria be used to distribute those grant dollars.

“Competitive”

• General Obligation Bond grants must be distributed competitively.
• DWR takes this responsibility seriously.
  • Funding Areas with multiple RWMG “compete” for the funding
  • In the past, our proposals have been “scored” in a competition with proposals in other Funding Areas.

• The watershed has made sustained effort to encourage DWR to consider our internal competition sufficient to this Legislative mandate.
• DWR is uncomfortable but tolerant of fund-sharing agreements in San Diego and Lahontan Funding Areas
Stakeholder discussion and response

• Stakeholder Integration Meeting
• OWOW Pillar Chairs Meeting
  • Both meetings focused quickly on underlying issues.

Stakeholder Integration Meeting

• Voices shared (paraphrased):
  • OWOW encourages collaboration, upstream and downstream, and this proposal is the opposite of that.
  • Ensuring funding supports the projects most needed, and the people who judge what is most needed should be local.
  • In the past, the ranking system was a problem, because the stakeholders were not part of the discussion, it was outside experts.
  • An option, if the differences cannot be resolved, will be to request becoming a region.
  • A good point that lower watershed or area not connected to the Santa Ana River have a hard time describing their watershed benefit.
  • Ensuring local control of “competitiveness” is important, not “roll the dice” at DWR.
  • Wouldn’t good OC projects be competitive in the whole watershed?
Pillar Chair Meeting

• Focus of discussion:
  • Changing from a watershed benefit understood as flowing with water to a watershed benefit described with resilience.
  • A compromise system for ensuring geographic distribution of available grant dollars.

• This led to proposed changes in the Eligibility Policy:
  • Because we are interdependent, resilience anywhere is resilience everywhere.
  • “Strive to ensure” each of the three county areas receive no less than 25% of the available grant dollars in each opportunity.

SAWPA ‘s approach – coordination, cooperation, and integration of water agencies to pool resources and manage water at the basin scale-is one of California’s best models for integrated water management.

Public Policy Institute of California 2011
“Managing California’s Water – From Conflict to Reconciliation”
2011 Top 25 Innovation in American Government

One Water One Watershed Planning
Santa Ana Watershed Project Authority developed an integrated regional water management plan whereby agencies develop management strategies that allow them to meet agency objectives and provide cost savings by leveraging resources.

OWOW Program, today

• Recognized in CA as leader in regional integrated water management.
• An adaptive management effort, learning, and constantly evolving to the regional needs.
• All stakeholders have been significant to its development and refinement, but many important features came from dedicated and invested OC stakeholders.
• Maintaining the planning and management partnerships across the watershed is important to stakeholders.
• IRWM Implementation grants are a small specialized source of funding intended to be used in specialized ways.
Prop 1 IRWM Implementation Grants - Latest from DWR

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Recommendations

1. Receive and file the presentation by representatives of the North/Central Orange County Watershed Management Area about The OC Plan (2018), an integrated regional water management plan.
2. Consider adoption of an amended *Prop 1 IRWM Implementation Grant Project Eligibility – OWOW Program Policy*.
3. Consider inclusion of The OC Plan to the appendix of the OWOW Plan Update 2018 alongside the other plans similarly adopted for inclusion.
Extra Slides if Needed

• DCTC Pillar Chair:
  • “First and foremost the foundation of why we have [OWOW] and why we love [OWOW]...mandating us to collaborate and get in the room together to work regionally, both downstream and upstream, the idea of sectioning you off and taking a chunk and giving it to you, my main concern is that is the exact opposite of the spirit of [OWOW], that’s what was happening before where everyone got in a room and divided it five ways and then went their separate ways. I think also it does not speak to, facilitate or help being competitive this way. I think if you are assured a 38% share, it doesn’t give incentive to up your game for regionally beneficial programs.”
• Elected representative of Orange County city - “Structurally, when you are downstream, when you are at the end of the watershed, and one of the most important criteria is to prove benefits on a proposed project for the entire watershed, that, in a sense in a competitive process...you are relegated to a back seat.”

Projected Watershed-Wide Benefits of All Four Rounds of OWOW Prop B4 IRWM Projects
• Reduces water demand by 18,000 AFY representing 36,000 households
• Recharges 180,000 AF of additional imported water
• Produces 18,000 AFY of desalted groundwater
• Removes 290,000 tons of salt from groundwater per year
• Creates 11,000 AFY of additional recycled water
• Captures 44,000 AFY of stormwater for beneficial use
• Restores 3,800 acres of environmental habitat
• Reduces nonpoint source pollution by
• Reduces flood risk damage by 501 million
• Creates about 11,000 construction related

18k Demand Reduction  44k Stormwater Capture  180k Recharge Imported  
18k Desalted Groundwater  11k Recycled Water
The OC Plan and Integrated Regional Water Management in Orange County

Amanda Carr
Deputy Director, OC Environmental Resources

OC Environmental Resources

- Coordinate countywide NPDES compliance
  - Santa Ana and San Diego Regional Water Boards
  - 34 municipalities; 2 stormwater permits
- IRWM Programs in 2 Funding Areas
  - North/Central WMAs (Santa Ana Funding Area)
  - South WMA (San Diego Funding Area)
- Collaborate with other agencies
  - 18 water districts
  - 3 major sanitation districts
- Internal County Collaboration
  - OC Flood Control District
  - OC Parks
South OC IRWM Group Collaboration

South OC IRWM Project Funding

<table>
<thead>
<tr>
<th>IRWM Grant Program</th>
<th>Total Award</th>
<th>Local Amount</th>
<th>Total Local Investment</th>
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<tbody>
<tr>
<td>Proposition 50</td>
<td>$25,000,000</td>
<td>$44,981,994</td>
<td>$69,981,994</td>
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<tr>
<td>Proposition 84 - Planning</td>
<td>$457,416</td>
<td>$447,244</td>
<td>$904,660</td>
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<tr>
<td>Proposition 84 - Round 1</td>
<td>$2,316,780</td>
<td>$2,833,560</td>
<td>$5,150,340</td>
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<td>Proposition 84 - Round 2</td>
<td>$1,708,647</td>
<td>$106,206,903</td>
<td>$107,915,550</td>
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<tr>
<td>Proposition 84 - Drought</td>
<td>$1,500,000</td>
<td>$5,725,000</td>
<td>$7,225,000</td>
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<tr>
<td>2015 Proposition 84</td>
<td>$4,949,368</td>
<td>$19,584,138</td>
<td>$24,533,506</td>
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<tr>
<td><strong>GRAND TOTALS</strong></td>
<td><strong>$35,932,211</strong></td>
<td><strong>$179,778,839</strong></td>
<td><strong>$215,711,050</strong></td>
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</table>
San Diego Tri-FACC Coordination

Riverside (Upper Santa Margarita), San Diego, and South Orange County IRWM Groups coordinate on projects, wherever possible, based upon:

- Hydrologic overlay areas
- Project benefit commonality for the region (i.e., regional approach)
- Associated with the Disadvantaged Community Involvement (DACI) grant
North and Central Orange County

- Population of 3,010,232
- 537 square miles
- 26 cities

Water Districts:
- Anaheim Public Utilities Water Services
- City of Santa Ana Water Resources Division
- City of Fullerton Water Services
- East Orange County Water District
- El Toro Water District
- Golden State Water Company
- Irvine Ranch Water District
- Orange County Water District
- Mesa Water District
- Serrano Water District
- Yorba Linda Water District

Less than 20% hydrological connection to SAR watershed

Prado Dam physically separates upper and lower watershed

Unique priorities:
- Beach water quality
- Seawater intrusion control
- Marine protected areas
- Ecological health of Upper Newport Bay
Improvements to the health of watersheds within OC improve value to the Santa Ana Funding Area; however:

- Many lower watershed projects will not benefit the upper watershed
- Beach water quality and the health of Newport Bay are of greater value and importance in OC than in the upper watershed
- Engagement of OC stakeholders in OWOW declined because they felt their projects would not be competitive under the OWOW scoring system
The OC Plan

Development

8 Stakeholder meetings
- 11 cities
- 14 agencies
- 3 NGOs

19 Ad hoc meetings

Adoption

Newport Bay Executive Committee recommended approval of the Plan by the RWMG – March 21

Adopted
- OCWD – April 18
- OCSD – June 27
- County of Orange – September 11

Rating and Ranking Differences

The OC Plan*
(score 5 max)

- 4.6 Provide Adequate and Reliable Water Supplies
- 4.6 Protect and Enhance Water Quality
- 3.4 Restore Ecosystems and Improve Native Habitat
- 3.3 Integrate Flood Management
- 3.1 Improve the Quality of Life in Orange County
- 3.3 Address Climate Change

OWOW Plan**
(score 10 max)

- 9.2 Water Supply Reliability
- 8.9 Groundwater Recharge
- 8.5 Reclaim Water
- 8.4 Multipurpose Flood/Storm
- 7.7 Ecosystem Protect/Restore
- 7.7 Benefits to Disadv. Comm.
- 7.6 Benefits to Large Area
- 7.4 Drinking Water Treat/Distr
- 7.4 Public Education
- 7.1 Non-Point Source Reduction
- 6.9 Fisheries Protect/Restore
- 6.3 Remove Non-Native Species

* Weighting for The OC Plan goal categories
** Weighting for the OWOW Plan benefit classes
Rating and Ranking Differences

The OC Plan scoring system provides greater weight for projects that benefit water quality
- Highest priority; tied with water supply

The OWOW scoring system metrics do not reflect the full benefits of projects unique to Orange County
- TMDLs and 303(d) listings; Beach Water Quality; Sensitive Coastal Habitats/Marine Protected Areas

Requests Made to OWOW Steering Committee

July 13 Letter
- Allocation of 38% of total available grant funds
- Incorporate The OC Plan as a separate chapter within the OWOW Plan
- Allow for Orange County projects to be ranked and prioritized for IRWM funding through The OC Plan process
Requests Made to OWOW Steering Committee

These requests:

- Allow for OC priorities to be addressed within current Funding Area construct
- Balances OC stakeholders engagement with IRWM across Funding Regions
- Allow for OC projects to compete through stakeholder-vetted OC process that is reflective of OC Plan Goals and Objectives
- Are consistent with approach in other Funding Areas
- Are consistent with IRWM requirements

The OC Plan is compatible with OWOW and ready for incorporation

Allocation Derivation

Based on Prop. 84 statewide allocation to Funding Regions; used by San Diego Funding Area (OC receives 12.9%)

- Weighted by land area (27%) and population (73%)

<table>
<thead>
<tr>
<th>County</th>
<th>Land</th>
<th>Population</th>
<th>Weighted Total (Allocation)</th>
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<tbody>
<tr>
<td>San Bernardino</td>
<td>34%</td>
<td>28%</td>
<td>29.4%</td>
</tr>
<tr>
<td>Riverside</td>
<td>45%</td>
<td>27%</td>
<td>32.3%</td>
</tr>
<tr>
<td>Orange</td>
<td>21%</td>
<td>45%</td>
<td>38.3%</td>
</tr>
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</table>

* Based on 2010 Census Data

- Allocations can be recalculated with future propositions
Questions?

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