
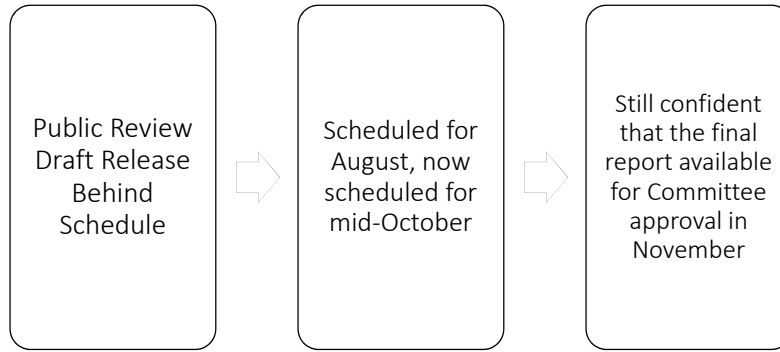


<p>Status Update OWOW Steering Committee September 27, 2018</p>	<h1>OWOW Program</h1> 
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## OWOW Program

<p>1 OWOW Plan Update 2018</p>	<p>2 Disadvantaged Communities Involvement Program</p>	<p>3 Proposition 1 IRWM Implementation Grants</p>
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## OWOW Plan Update 2018



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

**Draft / Alphabetical**

- |                                      |   |   |
|--------------------------------------|---|---|
| 5.1 Climate Risk and Response        | } | Chapter 1: Overview, History  |
| 5.2 Data Management and Monitoring   |   | Chapter 2: How the Plan Gets Made                                   |
| 5.3 Disadvantaged Communities        |   | Chapter 3: Watershed Setting  |
| 5.4 Integrated Stormwater Management |   | Chapter 4: Vision, Goals, Objectives                                |
| 5.5 Land Use and Water Planning      |   | Chapter 5: Recommended Strategies                                   |
| 5.6 Natural Resources Stewardship    |   | Chapter 6: Program Review, Evaluation, Prioritization               |
| 5.7 Tribal Communities               |   | Chapter 7: Impacts and Benefits of Sustainable Integrated Solutions |
| 5.8 Water Quality                    |   | Chapter 8: Finance and Funding                                      |
| 5.9 Water Resources Optimization     |   | Chapter 9: Data Management & Plan Performance Monitoring            |
| 5.10 Water Use Efficiency            |   |   |

## 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

Program Element 1	Program Element 2	Program Element 3
<p>Strengths &amp; Needs Assessment</p> <ul style="list-style-type: none"> <li>• Nearing completion, report due in the late fall</li> <li>• Added listening sessions now being planned for the coming months</li> </ul>	<p>Education / Engagement</p> <ul style="list-style-type: none"> <li>• Many items underway (internships, Trust the Tap)</li> <li>• Share results with elected leaders starting in the Spring</li> <li>• On-call translation services expected soon.</li> </ul>	<p>Project Development</p> <ul style="list-style-type: none"> <li>• Technical Assistance to Communities</li> <li>• TAC fully engaged, developing a system for selecting and prioritizing projects for Technical Assistance</li> </ul>
<p>Disadvantaged Communities Involvement Program</p>		

Prop 1 IRWM Implementation Grants - Latest from DWR	
Activity	Timeline
DWR Conversations with IRWM Regions	May 2017 – August 2018
Release draft Project Solicitation Package (PSP) for 45-day public comment period	September 2018
Three public comment meetings (north, central, south)	October 2018
Draft PSP comment period closes	October 2018
Final PSP released	Fall 2018
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Round 1 Grants Applications due to DWR	Starting April 2019
Round 1 awards	Late 2019
Round 2 solicitation	Early 2020

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## 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

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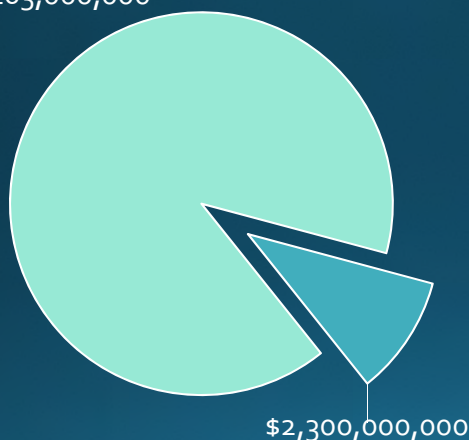
# Integrated Water Management Program



"...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)*

## Statewide Water Bond Allocation for IRWM

\$20,463,000,000

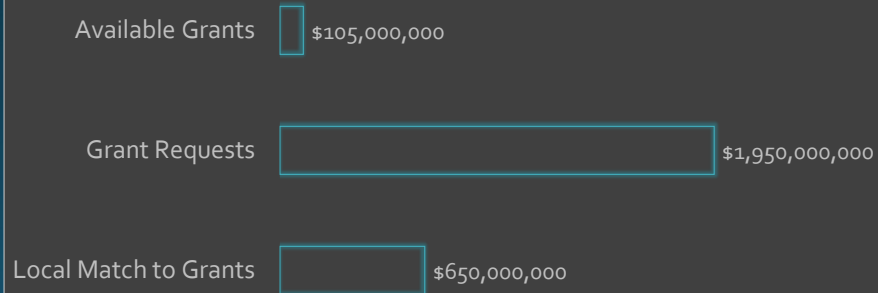


IRWM Not IRWM

- Props 50, 84, 1E, 1
  - About 10% for IRWM
- Prop 68 (Jun '18 passed)
  - ZERO for IRWM
- Prop 3 (Nov '18 ballot)
  - Essentially ZERO for IRWM

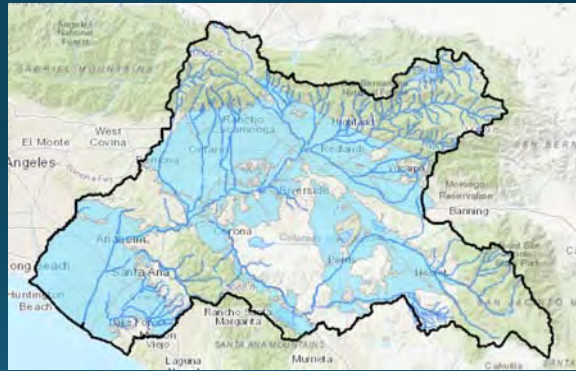
## OWOW Program IRWM Grants

### Prop 84



## 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

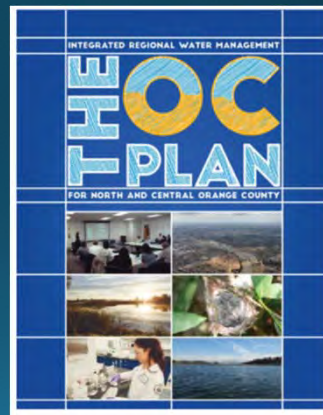
## OWOW Steering Committee

Orange County Supervisor	Riverside County Supervisor
San Bernardino County Supervisor	Orange County City elected
Riverside County City elected	San Bernardino 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

## New OC requested changes to OWOW Program

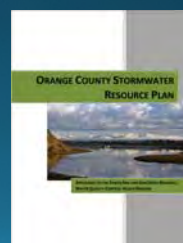
- To the OWOW Plan Update 2018:
  1. Subregional plan as a chapter of the OWOW Plan.
    - The OC Plan – 273 pages
    - OWOW Plan Update 2018 (current draft) - ~350 pages





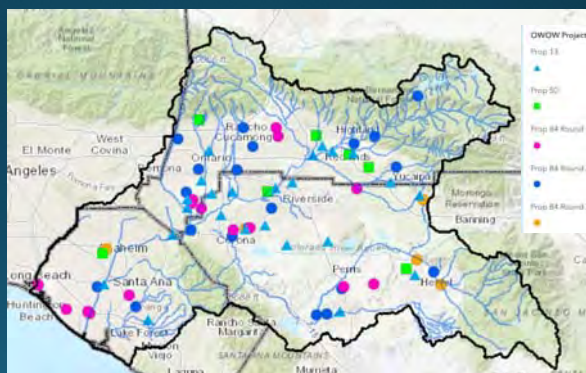
## Inclusion of subregional plans

- 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
    - The Newport Bay Idea Book (2015)
  - OC Public Works
    - The OC Plan (2018)
  - California Coastal Conservancy
    - Santa Ana River Parkway and Open Space Plan (2018)



## Inclusion of subregional plans

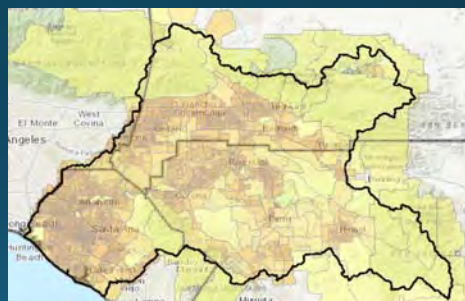
- Including other plans as chapters dis-integrates the OWOW Program.
- Management Scales
  - Geography
  - Topic



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.



Population Density Map w/ County Boundaries

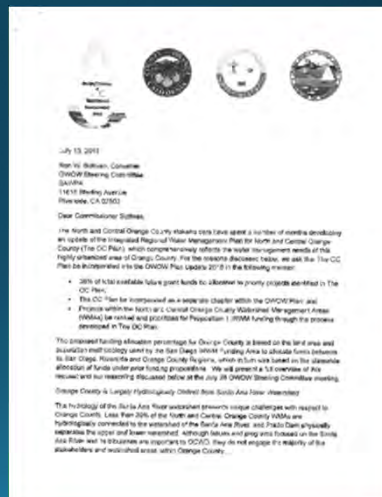
## "Competitive"



- 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

Activity	Timeline
DWR Conversations with Regional Stakeholders	May 2017 – August 2018
Release draft Project Solicitation Package (PSP) for 45-day public comment period	September 2018
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Round 2 solicitation	Early 2020

## 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.

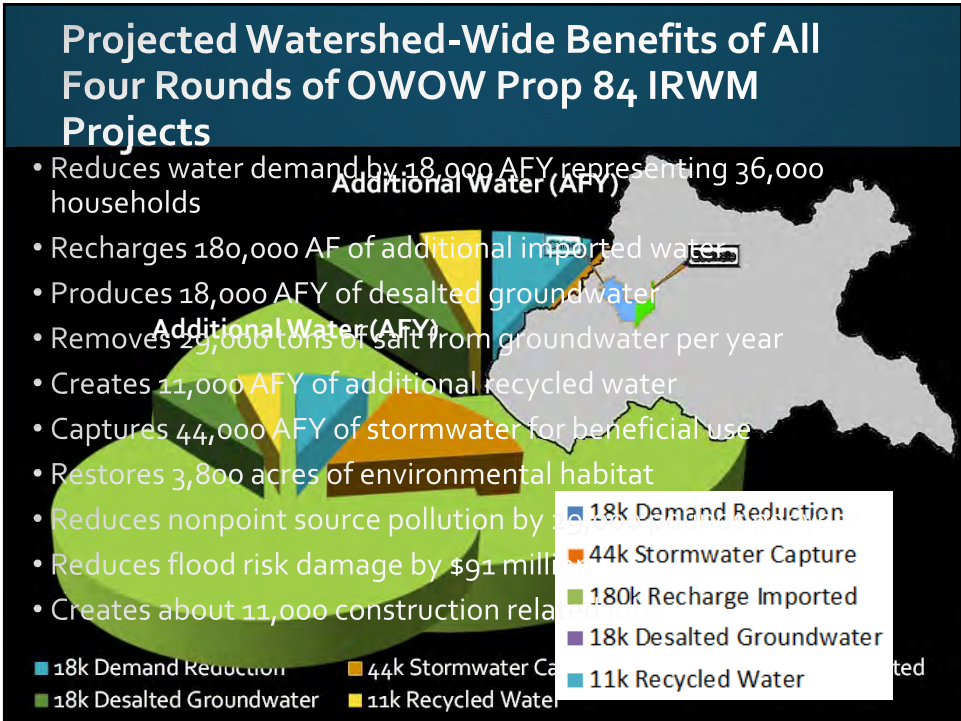
## Extra Slides if Needed

- 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.”



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# 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



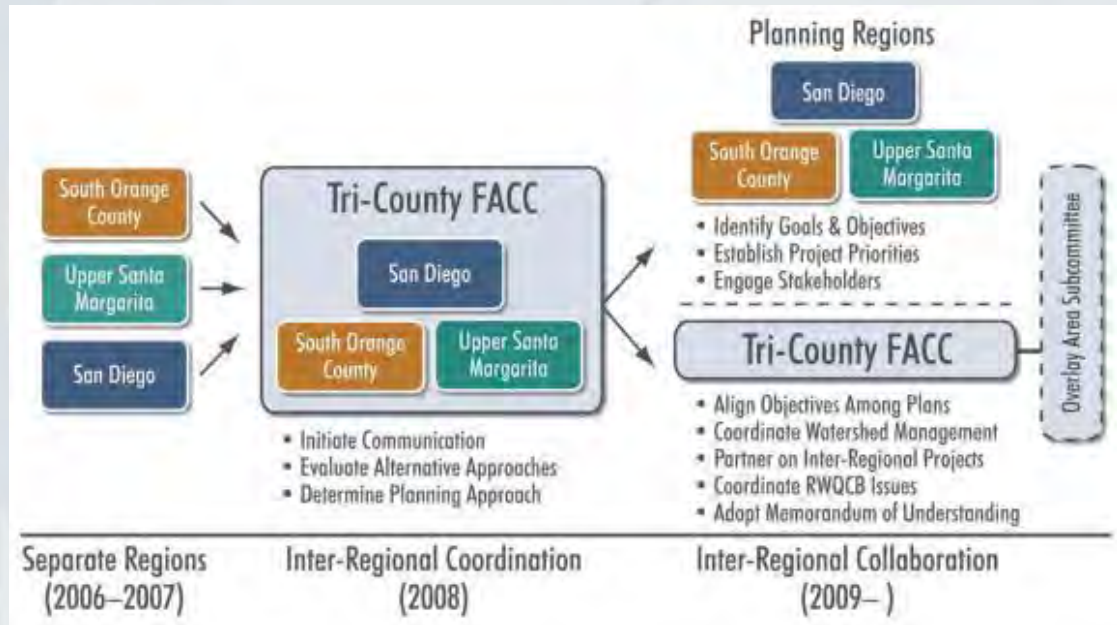
# South OC IRWM Project Funding

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





# San Diego Tri-FACC Coordination



# San Diego Tri-FACC Project Coordination

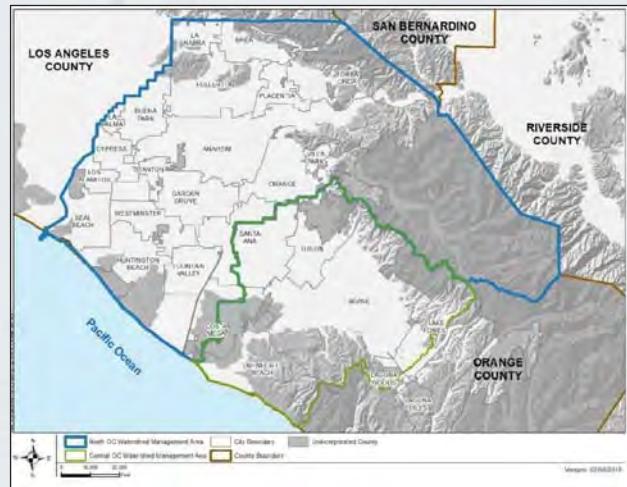


Riverside (Upper Santa Margarita), San Diego, and South Orange County IRWM Groups coordinate on projects, wherever possible, based upon:

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

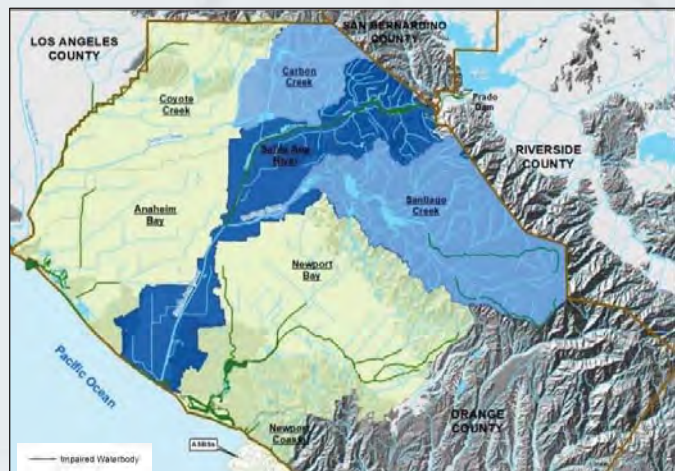
# North and Central Orange County

- 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



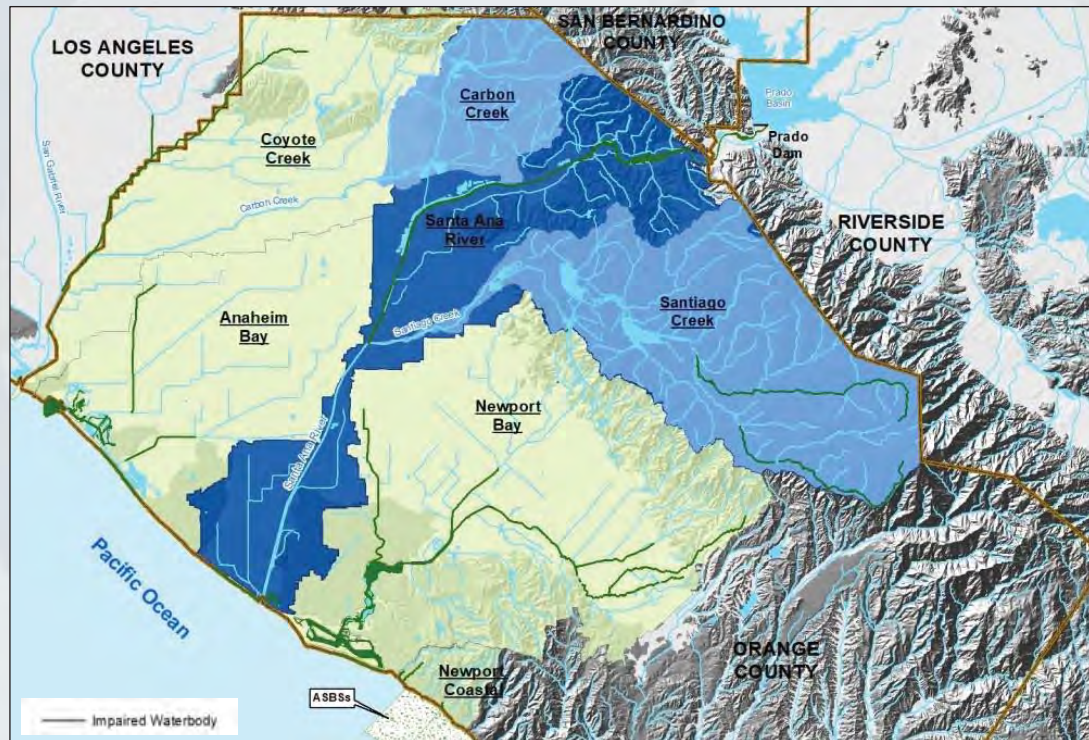
# North and Central Orange County

- 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





# North and Central Orange County



# North and Central Orange County

- ➔ 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%)

County	Land	Population*	Weighted Total (Allocation)
San Bernardino	34%	28%	29.4%
Riverside	45%	27%	32.3%
Orange	21%	45%	38.3%

\* Based on 2010 Census Data

- Allocations can be recalculated with future propositions



# Questions?

Amanda Carr

Deputy Director, OC Environmental Resources

[Amanda.Carr@ocpw.ocgov.com](mailto:Amanda.Carr@ocpw.ocgov.com)

(714) 955-0600

