



**San Diego IRWMP**  
**Regional Advisory Committee Meeting #44**



August 7, 2013

**Agenda**

- Welcome and Introductions
- DWR Update
- IRWM Housekeeping
- Water Purification Demonstration Project Update
- 2013 San Diego IRWM Plan
- IRWM Program Next Steps
- Next RAC Meeting
- Summary and Thanks


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**Introducing Alex Najera!**



Born March 25, 2013



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**Thanks and Goodbye to Kirk!**



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## Update on Grant Program Schedule

- Revised Schedule for IRWM Grant Solicitations

Activities	Target Date
<b>Local Groundwater Assistance Grants</b>	
Announce Final Awards	June 2013
<b>Round 2 Stormwater Flood Management Grant</b>	
Announce Draft Recommendations for Public Review & Comment	June 2013
Announce Final Awards	August 2013
<b>Round 2 Implementation Grant</b>	
Announce Draft Recommendations for Public Review & Comment	August 2013
Announce Final Awards	October 2013
<b>IRWM Plan Review Process</b>	
Draft Process for Public Review & Comment	August 2013
<b>Round 3 Implementation Grant (Pending Appropriation; no earlier than FY 14-15)</b>	
Release Draft Program Guidelines & PSP	Summer 2014
Release Final Program Guidelines & PSP	Fall 2014
Applications Due	Winter 2014/2015
Announce Draft Recommendations for Public Review & Comment	Spring 2015
Announce Final Awards	Summer 2015

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## Proposition 50 Grant Administration

### Contract Status:

- Contract Amendments in DWR Review:
  - 6- Redistribution of Project 14's Funding Amendment (Projects 6, 8 & 9)
  - 7- Integrated Landscape & Agricultural Efficiency Program (Project 1)
  - 7- Carlsbad Desalination Project (Project 10)
- Upcoming Contract Amendments- In Water Authority Processing:
  - Campus Landscape Renovation, Conservation & Pollutant Load Reduction (Project 3)
  - San Diego Intertie Feasibility Study Conceptual Design (Project 12)
  - South San Diego County Water Supply Strategy (Project 13)

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## Proposition 50 Grant Administration (Continued)

### Financials:

Prop 50 Grant Award	\$25,000,000
To Date Project Costs billed	10,443,226
Less Retention To Date	(1,044,322)
Net Reimbursement Request To Date	<u>9,398,903</u>
Remaining Budget	\$14,556,774
Net Reimbursement Request To Date	\$9,398,903
Amount Reimbursed To Date	8,124,069
Outstanding Reimbursements in DWR processing	\$799,680

Project costs billed includes past quarter invoices in SDCWA draft review to be submitted to DWR  
Data as of 08/06/13

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## Proposition 84 Planning Grant

### Contract Status:

- Minor budget reallocation amendment has been submitted to DWR on August 1, 2013
  - A change from a formal amendment request to minor due to cancellation of grant contract extension.
  - Planned deliverables for Plan Update will be completed by October 2013 and scope of work remains the same.
  - Amendment was approved on Tuesday, August 6, 2013.
  - All work in progress and on schedule to be completed by completion date

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## Proposition 84 Planning Grant

### Financials:

Prop 84 Grant Award	\$1,000,000
To Date Project Costs billed	492,035
Less Retention To Date	(49,203)
Net Reimbursement Request To Date	<u>442,832</u>
Remaining Budget	\$507,965
Net Reimbursement Request To Date	\$442,832
Amount Reimbursed To Date	\$275,684

Net Reimbursement includes past quarter reimbursement request in DWR draft review  
Data as of 08/06/2013

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## Proposition 84 Implementation Grant (Round 1)

### Contract Status:

- LPS Agreements– All but 1 has been executed
- Most projects have commenced implementation. One project is almost complete.
- First LPS Quarterly Reports were submitted on May 15; project deliverables and other agreements requirements were received.
- Web Invoice Training – held on July 31 attended by most LPS
- August 15, 2013 – due date for First LPS Invoice submittal and second quarterly reporting
- Minor amendment request for Project 3 (North SD County Demineralization Project) was submitted by the LPS for schedule change

## RAC Vacancies

- Three open seats on the RAC:
  - Urban DAC
    - Leslie Reynolds, Groundwork San Diego-Chollas Creek
  - Stormwater Management (South/East County)
    - Kirk Ammerman, City of Chula Vista
  - Tribal
    - Vacant Seat

## RAC Vacancies

- RAC Charter Protocol for Filling RAC Openings:
  - Reconvene the RAC Selection Workgroup:

Caucus	Agency/Organization	Name
RWMG	Water Authority	Mark Stadler
	City of San Diego	Cathy Pieroni
	County of San Diego	Stephanie Gaines
Water Supply	Helix Water District	Mark Umphres
Water Quality	San Diego Coastkeeper	Travis Pritchard
Natural Resources/Watersheds	San Diego River Park Foundation	Rob Hutsel
DAC/EJ	Rural Community Assistance Corporation	Dave Harvey
Other	SDSU Center for Sustainability	Linda Flournoy

## RAC Vacancies

- Next steps for filling open seats:
  - Reconvene the RAC Selection Workgroup
  - Workgroup will fill seats based upon pre-determined criteria that were approved of by the RAC on December 5, 2012
  - Hold a secondary new RAC member orientation for new members
  - Bring RAC Selection Workgroup decision to the RAC at the next RAC meeting (October 4)

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## Final IRWM Plan Schedule

Task	May	June	July	August	Sept	Oct
Release Public Review Draft		★ June 20				
Public Comment Period		June 20 – July 31				
Watershed Workshops		★ ★ ★ ★ ★				
RAC Approval			★ August 7			
Incorporate Comments/ Prepare Final Plan				Aug 7 – Sep 6		
Release Final Plan					★ Sep 6	
RWMG Governing Bodies to Adopt 2013 IRWM Plan			Sep 9 – Oct 31			

**IRWM Plan Must be Adopted by RWMG Governing Bodies by October 31, 2013**

## 2013 IRWM Plan Public Comments

- Public Comment period: June 20 – July 31
- Held four workshops in July to solicit additional input from watershed-based stakeholders
  - Received excellent input – thank you for participating!
- Received additional input via email and hard mail
- Received written comments from 23 stakeholders, and over 130 comments during the Watershed Workshops

## Comment Break-Down Overview

### Residents:

- Carlsbad Resident (Lowell Grimaud)
- Michael Welch
- Oceanside Resident/Oceanside Public Utilities Commission (Jimmy Knott III)
- Ramona Resident (Amanda Mathews)

### NGOs:

- California Landscape Contractors Association (Lawrence O'Leary)
- California Trout (Kurt Zimmerman)
- Coastkeeper/Surfrider (Jill Witowski and Julia Chunn-Heer)
- San Eljo Lagoon Conservancy (Doug Gibson)
- San Diego River Park Foundation (Rob Hutsel)

### Agencies:

- City of Chula Vista (Marisa Soriano)
- City of San Marcos (Garth Koller)
- County of San Diego Watershed Protection Program (Marsha Cook)
- Helix Water District (Brian Olney)
- Metro JPA Technical Advisory Committee (Greg Humora)
- Olivenhain Municipal Water District (Joey Randall)
- Port of San Diego (Stephanie Bauer)
- Poway Public Works Department (Kristen Crane)
- RCD of Greater San Diego County (Nadine Scott)
- San Eljo Joint Powers Authority (Mike Thornton)
- UC San Diego Natural Reserve System (Isabelle Key)
- Upper Santa Margarita IRWM/Rancho California Water District (Denise Landstedt)
- US Fish and Wildlife Service (Jill Terp)
- Vista Irrigation District (Don Smith)

## 2013 IRWM Plan Public Comments

- Since Close of Public Comment Period:
  - RWMG reviewed comments and sorted into major and minor comments
- Today:
  - Review major comments with RAC and discuss response/revisions
  - Ask RAC to recommend approval of Public Draft IRWM Plan with the addition of comments brought forward during the public comment period

## 2013 IRWM Plan

- |        |  |
|--------|--|
| Why?   | • Chapter 1: Introduction                          |
|        | • Chapter 2: Vision and Objectives                 |
| Where? | • Chapter 3: Region Description                    |
|        | • Chapter 4: Tribal Nations of San Diego – NEW     |
|        | • Chapter 5: Watershed Characterizations – NEW     |
| Who?   | • Chapter 6: Governance & Stakeholder Involvement  |
|        | • Chapter 7: Regional Coordination                 |
| What?  | • Chapter 8: Resource Management Strategies        |
|        | • Chapter 9: Project Evaluation and Prioritization |
|        | • Chapter 10: Data & Technical Analysis            |
|        | • Chapter 11: Implementation                       |

## 2013 IRWM Plan – Public Draft General Questions

### Major Comments

1. Can edits be made to the appendix reports?
2. Level of communication has been great during preparation of the 2013 IRWM Plan! What are future plans moving forward?
3. How will we know if our comments were incorporated?

### Response

1. The appendices have been finalized with the exception of the Regulatory Report, which was updated to reflect comments.
2. Communication will continue to occur through bi-monthly RAC meetings and project selection processes.
3. Comment matrix will be included as an appendix and made available on website.

## 2013 IRWM Plan – Public Draft Chapter 1: Introduction

**WHY ARE WE?**

- Chapter 1: Introduction
- Chapter 2: Vision and Objectives

**WHERE ARE WE?**

- Chapter 3: Region Description
- Chapter 4: Tribal Nations of San Diego
- Chapter 5: Watershed Characterizations

**WHO ARE WE?**

- Chapter 6: Stakeholder Involvement
- Chapter 7: Regional Coordination

**WHAT DO WE DO?**

- Chapter 8: Resource Management Strategies
- Chapter 9: Project Evaluation and Prioritization
- Chapter 10: Data and Technical Analysis
- Chapter 11: Implementation

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## 2013 IRWM Plan – Major Comments Chapter 1: Introduction

**Major Comments**

- Expand regional context (page 1-1) to include:
  - Cost drivers associated with water supply diversification, wastewater treatment, regulatory compliance, and maintenance of existing infrastructure.
  - Pressure to upgrade Point Loma Wastewater Plant to secondary treatment, which is extremely expensive, particularly given site constraints.

**Recommended Edits**

- Will incorporate:
  - As a new bullet on Page 1-1 to incorporate both concepts
  - Will incorporate discussion of regulatory challenges associated with water reuse in Table 1-2

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## 2013 IRWM Plan – Major Comments Chapter 1: Introduction

**Major Comments**

- Add detailed discussion and diagram of water cycle to bring everyone to the same starting place.

**Recommended Edits**

- Will add a discussion at the end of Section 1.1 (IRWM Planning) about the concepts of integration and stakeholder engagement as our guiding principles. Will include a diagram of the modern cycle in Section 1.1.

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## 2013 IRWM Plan – Public Draft Chapter 2: Vision and Objectives

The diagram is a funnel shape pointing downwards, divided into four horizontal sections. From top to bottom, the sections are labeled: Vision, Mission, Goals, and Objectives.

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## 2013 IRWM Plan – Major Comments Chapter 2: Vision and Objectives

**Major Comments**



- Expand discussion of water reuse and how it fits within the Region's integrated approach to water management.

**Recommended Edits**

- Include information in the discussion of Objective A (integration objective) about how water reuse integrates water supply and wastewater management.
- Add metrics under Objective E (water supply diversification objective), Target 2 for potable reuse "AFY" and outfall offloaded "MGD" (Table 2-2).

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## 2013 IRWM Plan – Public Draft Chapter 3: Region Description

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## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

1. Expand the discussion of wastewater reuse in the region.
2. Expand water reuse, which would include recycled water and advanced water purification/potable reuse, offers multiple benefits closely related to the goals of the IRWM Program.

### Recommended Edits

1. Replace Section 3.5.4 (Wastewater/Recycled Water) with a section titled "Water Reuse" with two sub-sections: "Non-Potable Reuse" and "Potable Reuse." This section will include information on the benefits of water reuse, including offloading discharges to the ocean.

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

3. Reducing irrigation water usage has proven to protect the waterways leading to our bays and the Pacific.
4. Does the Plan include information about greywater?

### Recommended Edits

3. Add new section titled "Water Conservation" and include information on water conservation and BMPs that is currently in Section 3.12. Include new information about water quality benefits that can occur from conservation. Include new information about greywater, rainwater/stormwater capture, and rain gardens.

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

6. Does Section 3.8 (Stormwater Management) include information about the new stormwater permit?
7. Does the Plan address development concerns associated with the new stormwater permit?

### Recommended Edits

6. Plan will be updated to include more information about the WQIPs, which will identify future implementation projects. In the Section 3.7 (Water Quality), add a cross-reference that acknowledges that major regulations associated with water quality are discussed in Section 3.8.
7. Plan will be updated to explain development concerns.

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

8. Would like to see more open disclosure of Water Authority imported water costs.
9. Would like to include information about how FEMA removes areas from a designated floodplain once flood control facilities have been installed. This is an issue, because it allows development to occur in areas that are still prone to flooding.

### Recommended Edits

8. Add information into Section 3.12 (Water Demand and Supply Diversification) about the costs associated with water supply development.
9. Will include information about modifications to FEMA maps into Section 3.9 (Flood Management).

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

10. Update Table 3-39 (Summary of Water Management Issues and Potential Conflicts) to include wastewater management.

### Recommended Edits

10. Wastewater will be added to Table 3-39, with following potential regional wastewater issues:
  - Limited outfall capacity
  - Cost for treatment plant upgrades, ongoing treatment and operations, and infrastructure maintenance
  - Evolving regulations

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

11. DAC sections:
  - A. Discuss water rates and how there is no sliding scale
  - B. DACs are adversely affected by floods and are often located in floodplains
  - C. Household hazardous waste as an issue in the backcountry where there are no disposal facilities

### Recommended Edits

11. Update to include:
  - A. Information about water affordability in the urban DACs
  - B. Information about flooding issues in DACs where DACs may be located within the floodplain
  - C. Information about the County's Household Hazardous Waste Program and where people can find safe disposal facilities

## 2013 IRWM Plan – Major Comments Chapter 3: Region Description

### Major Comments

11. DAC sections, continued:
  - D. Community gardens and other projects to promote food security in urban areas can be hampered by water costs
  - E. Clarify that many stakeholders do not agree w/Census mapping.

### Recommended Edits

11. Update to include, continued:
  - D. Information about community gardens (trends) and potential issues, as well as how the gardens are educational tools
  - E. Income surveys can be submitted to justify DAC projects

## 2013 IRWM Plan – Public Draft Chapter 4: Tribal Nations



San Diego County features the largest number of Tribes and Reservations of any county in the United States.

## 2013 IRWM Plan – Major Comments Chapter 4: Tribal Nations

### Major Comments

1. In Section 4.7.3 (Water Management Issues), include information about tribes' superior water rights and recommending some off-reservation regulation of groundwater pumping
2. Add additional information about inadequate flood protection infrastructure and the need for flood warning monitoring

### Recommended Edits

1. Comment already addressed in Issue #1 of Section 4.7.3, which acknowledges need to consider reservation and non-reservation water rights
2. Cross-reference to Section 3.9 (Flood Management), which discusses County's flood warning management system

## 2013 IRWM Plan- Public Draft Chapter 5: Watersheds



## 2013 IRWM Plan – Major Comments Chapter 5: Watersheds

### Major Comments

1. Chapter focuses on water quality impairments and not on water quality in general.
2. Need more information about water transfers between watersheds.
3. Issue of water quality in Lake Hodges was not adequately addressed.

### Recommended Edits

1. Will update all watersheds with additional water quality information.
2. Will include all major water transfers:
  - A. San Luis Rey – Carlsbad
  - B. San Dieguito – Carlsbad
  - C. San Dieguito – San Diego River
  - D. Tijuana – Otay
  - E. Others, including stormwater
3. Will include information about water quality issues, loading sources, and what is being done about this issue.

## 2013 IRWM Plan – Major Comments Chapter 5: Watersheds

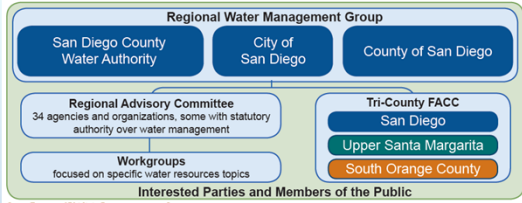
### Major Comments

4. Need more information about how stormwater channel maintenance may create water quality and habitat issues.
5. Need to acknowledge that offsite (out-of-watershed) mitigation may affect habitat value within watershed.

### Recommended Edits

4. Will acknowledge need to balance multiple competing interests (flood control and habitat preservation).
5. Will include statement supporting mitigation within watershed where impact occurs, where available.

## 2013 IRWM Plan – Public Draft Chapter 6: Governance & Stakeholders



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## 2013 IRWM Plan – Major Comments Chapter 6: Governance & Stakeholders

### Major Comments

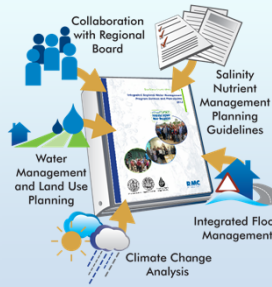
1. Seems appropriate to incorporate a workgroup focused on wastewater into the IRWM process

### Recommended Edits

1. Clarify that ad-hoc workgroups are established as needed to address issues raised by RAC. Past workgroups addressed IRWM planning and implementation.

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## 2013 IRWM Plan – Public Draft Chapter 7: Regional Coordination



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## 2013 IRWM Plan – Major Comments Chapter 7: Regional Coordination

### Major Comments

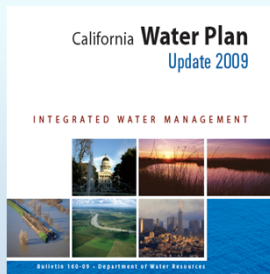
1. Is it possible to get a copy of the Regional Board's *Practical Vision*?

### Recommended Edits

1. This document is not yet available for public review – the information in the Plan is based on preliminary data that was shared with the Regulatory Workgroup. Will update Chapter 7 to clarify Regional Board “priorities” as shared with the Workgroup.

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## 2013 IRWM Plan – Public Draft Chapter 8: Resource Management



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## 2013 IRWM Plan – Major Comments Chapter 8: Resource Management

### Major Comments

1. Is there a way to weave in stronger reference to the concept of expanded wastewater reuse/advanced water purification/potable reuse?
2. Wastewater is not referenced on this list, but it should be considered as a resource management strategy (RMS).

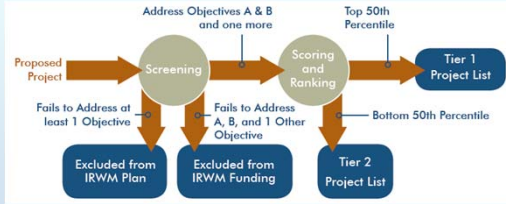
### Recommended Edits

1. Will include a more in-depth discussion of how expanded water reuse offers multiple benefits into “Recycled Municipal Wastewater” RMS reuse?
2. Will add a new RMS on “Wastewater Management”

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## 2013 IRWM Plan – Public Draft Chapter 9: Project Evaluation



## 2013 IRWM Plan – Major Comments Chapter 9: Project Evaluation

### Major Comments

1. Acknowledge that partnership integration criterion favors larger agencies that can integrate multiple departments within one organization.
2. Projects may serve DACs but will not receive credit, because the entire project area is not included within a DAC Census tract.

### Recommended Edits

1. While the Plan encourages inter-departmental coordination, full credit for the partnership criterion is given for partnerships between entities.
2. Other data (income surveys, etc.) can be used to supplement the DAC Census data; however, we cannot guarantee that DWR will accept this data.

## 2013 IRWM Plan – Major Comments Chapter 9: Project Evaluation

### Major Comments

3. The weights that are used in the project scoring process seem to overly value some areas compared to others.

### Recommended Edits

3. Will further clarify that while the IRWM Plan includes relative scoring *points*, the weighting of each criterion will be decided by the RAC prior to each grant solicitation process.

## 2013 IRWM Plan – Public Draft Chapter 10: Data & Technical Analysis



## 2013 IRWM Plan – Major Comments Chapter 10: Data & Technical Analysis

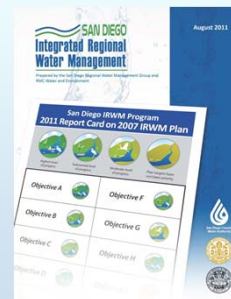
### Major Comments

- No major comments received.

### Recommended Edits

- Will make several minor edits to clarify the intent of some sections.

## 2013 IRWM Plan – Public Draft Chapter 11: Implementation



## 2013 IRWM Plan – Major Comments Chapter 11: Implementation

### Major Comments

- No major edits received.

### Recommended Edits

- Will make several minor edits to clarify the intent of some sections.

## Final IRWM Plan Schedule

Task	May	June	July	August	Sept	Oct
Release Public Review Draft		★ June 20				
Public Comment Period		June 20 – July 31				
Watershed Workshops		★★★★★				
RAC Approval				★ August 7		
Incorporate Comments/ Prepare Final Plan				Aug 7 – Sep 6		
Release Final Plan					★ Sep 6	
RWMG Governing Bodies to Adopt 2013 IRWM Plan				Sep 9 – Oct 31		

**IRWM Plan Must be Adopted by RWMG Governing Bodies by October 31, 2013**

***Today's Proposed Action:  
Recommend Approval of the  
2013 IRWM Plan to the  
RWMG Governing Bodies  
with Comments  
Incorporated***

## 2013 IRWM Plan – Next Steps

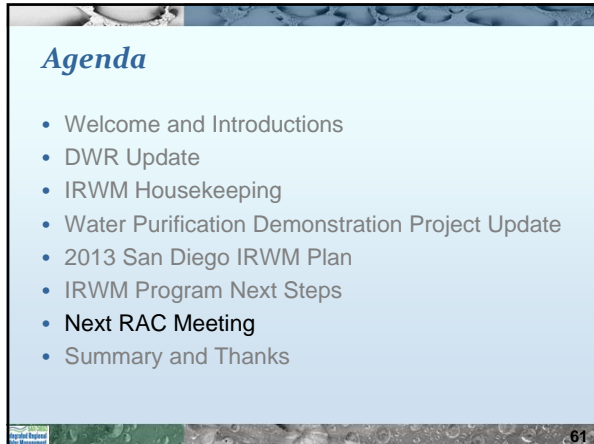
- Today through September 5, 2013:
  - Incorporate comments and revisions
- September 6, 2013:
  - Release Final Draft 2013 IRWM Plan
  - Plan will not be considered "final" until approved of by RWMG governing bodies
- September 9, 2013 through October 31, 2013:
  - Presentation of Final Draft 2013 IRWM Plan to RWMG Governing Bodies

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## IRWM Program– Moving Forward

- Prepare for Prop 84-Round 3 Project Selection Process:
  - Strategic Integration Workshop – TBD, anticipated January 2014
- Continue Quarterly RAC Meetings
  - Let us know if you would like to present to the group!



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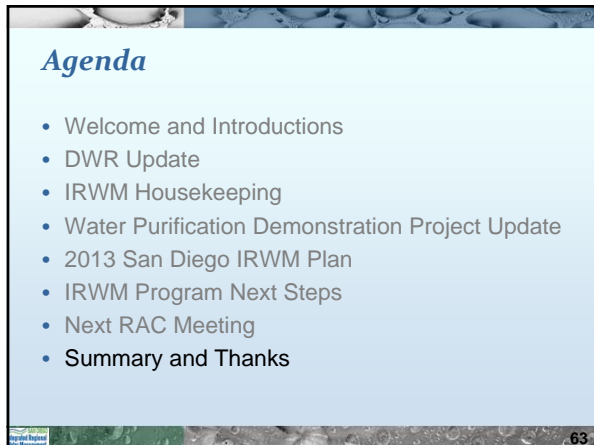
- October 2, 2013 – 9-11:30 at the Water Authority

### 2013/2014 Meeting Schedule

- December 4, 2013
- February 5, 2014
- April 2, 2014
- June 4, 2014
- August 6, 2014
- October 1, 2014
- December 3, 2014

**- First Wednesday of every other month -**

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### San Diego IRWMP Joint Public Workshop & Regional Advisory Committee Meeting #44

August 7, 2013