Innovative Solutions for Water and the Environment
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

Introducing Alex Najera!
Born March 25, 2013

Thanks and Goodbye to Kirk!
Agenda

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Update on Grant Program Schedule

- Revised Schedule for IRWM Grant Solicitations

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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)

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: (1,994,322)
- Net Reimbursement Request To Date: 9,448,903
- Remaining Budget: $14,556,774

- Prop 50 Grant Administration

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: 442,832
- Remaining Budget: $507,965

- Prop 84 Planning Grant

Project costs billed includes past quarter invoices in SDGWA draft review to be submitted to DWR.

Data as of 08/06/13
**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:

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<td>Mark Stadler</td>
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<td>Cathy Pieroni</td>
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<td>Rob Hutsel</td>
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<td>DAC/EJ</td>
<td>Rural Community Assistance Corporation</td>
<td>Dave Harvey</td>
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<td>Other</td>
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<td>Linda Flournoy</td>
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**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

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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

- 23 written comments
- 130 additional input
- 4 workshops in July

2013 IRWM Plan

- Chapter 1: Introduction
- Chapter 2: Vision and Objectives
- Chapter 3: Regional Description
- Chapter 4: Tribal Nations of San Diego – NEW
- Chapter 5: Watershed Characterizations – NEW
- Chapter 6: Governance & Stakeholder Involvement
- Chapter 7: Regional Coordination
- 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.
Chapter 1: Introduction

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

**Recommended Edits**
1. Will incorporate:
   A. As a new bullet on Page 1-1 to incorporate both concepts
   B. Will incorporate discussion of regulatory challenges associated with water reuse in Table 1-2
2. Add detailed discussion and diagram of water cycle to bring everyone to the same starting place.

**Recommended Edits**
2. 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.

Chapter 2: Vision and Objectives

**Major Comments**
1. Expand discussion of water reuse and how it fits within the Region's integrated approach to water management.

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

Major Comments
3. Reducing irrigation water usage has proven to protect the waterways leading to our bays and the Pacific.

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.

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).

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

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. Householders 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 with 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

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

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.

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.
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.

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 preliminarydata that was shared with the Regulatory Workgroup. Will update Chapter 7 to clarify Regional Board “priorities” as shared with the Workgroup.

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
2. Will add a new RMS on “Wastewater Management”
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.

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.

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 – 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

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

Today’s Proposed Action: Recommend Approval of the 2013 IRWM Plan to the RWMM 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 RWMM governing bodies
- September 9, 2013 through October 31, 2013:
  - Presentation of Final Draft 2013 IRWM Plan to RWMM 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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**Next RAC Meeting**

- 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 -