Innovative Solutions for Water and the Environment
San Diego IRWMP
Regional Advisory Committee Meeting #51
June 4, 2014

Agenda
• Welcome & Introductions
• IRWM Grant Program
• Addition of New Non-Voting RAC Members
• Project Selection Workgroup Recommendation
• Summary and Next Steps

Proposition 50 Grant Administration
• Awarded in March 2007, terminates in June 2016
• 19 projects, 6 completed
  • San Vicente Reservoir Resource Water Protection through Watershed Property Acquisition (Project 7)
  • South San Diego County Water Supply Strategy (Project 13)
  • San Diego Regional Pollution Prevention (Project 15)
  • Biofiltration Wetland Creation & Education Program (Project 16)
  • Green Mall Porous Paving & Infiltration (Project 18)
  • Chollas Creek Runoff Reduction/Groundwater Recharge (Project 19)
• Projects near completion (above 80%)
  • Irrigation Hardware Giveaway & Cash for Plants (Project 2)
  • El Capitan Reservoir Watershed Acquisition (Project 8)
  • Carlsbad Desalination (Project 11)
  • Lake Hodges Natural Treatment System Conceptual Design (Project 17)
• Contract amendments in DWR review
  • Civic Center Landscape Renovation, Conservation and Pollutant Load Reduction Project (Project 3)
  • San Diego Basin Study (Project 12)
  • Amendment ready for DWR approval routing; expected to be sent to Water Authority for signature by end of June 2014
Proposition 50 Grant Administration

- Financials:
  - Prop 50 Grant Award: $25,000,000
  - Costs Billed to Date: $12,807,838
  - Less Retention to Date: ($1,280,784)
  - Net Reimbursement Request to Date: $11,527,054
  - Remaining Budget: $12,192,162
  - Net Reimbursement Request to Date: $11,527,054
  - Amount Reimbursed to Date: $9,767,813
  - Outstanding Reimbursements: $1,759,241
  - As of 6/3/14

Prop 84 Round 1 Grant Administration

- Awarded in August 2011, terminates in May 2017
- 12 projects
- Projects near completion (80%)
- North San Diego County Cooperative Demineralization project (Project 3)
- Bannock Avenue Neighborhood Streetscape Improvements and Bacteria Treatment for Tecolote Creek Watershed Protection (Project 7)

Prop 84 Round 1 Grant Administration

- Financials:
  - Prop 84 Grant Award: $7,900,000
  - Costs Billed to Date: $2,151,565
  - Less Retention to Date (5%): ($107,578)
  - Net Reimbursement Request to Date: $2,043,987
  - Remaining Budget: $5,748,435
  - Net Reimbursement Request to Date: $2,043,987
  - Amount Reimbursed to Date: $1,169,645
  - As of 6/3/14

Props. 84 & 50 Grant Administration

- Total Prop 50 and 84 Grant Monies Received
  - $15,859,403
  - 46% of total grant funding received
- Prop. 84, Planning Grant
  - DWR paid final invoice in May 2014
  - Completion report in Water Authority processing
- Prop. 50 Implementation Grant
  - 2nd Quarter of 2014 reports/invoices due to DWR on July 30, 2014
**Props. 84 & 50 Grant Administration**

- Prop. 84, Implementation Grant, Round 1
  - Submit February through April 2014 reports & invoices to DWR in June 2014.
- Prop. 84, Implementation Grant, Round 2
  - Agreement in Water Authority review; target execution in July 2014.
  - Local Project Sponsors (LPS) agreement processing to follow.

**IRWM Project Completion**

- Project 50-7: San Vicente Reservoir Source Water Protection through Watershed Property Acquisition

**IRWM Project Report**

- Project 50-17: Hodges Natural Treatment System

**Agenda**

- Welcome & Introductions
- IRWM Grant Program
- Addition of New Non-Voting RAC Members
- Project Selection Workgroup Recommendation
- Summary and Next Steps

**New Non-Voting RAC Members**

- Requests received to become non-voting RAC members:
  - Indian Health Services
  - U.S. Forest Service
- Non-voting members include state, federal, and regional agencies and organizations who are interested parties to the San Diego IRWM Program

**RAC Discussion and Vote on Adding New Non-Voting RAC Members**
Agenda

- Welcome & Introductions
- IRWM Grant Program
- Addition of New Non-Voting RAC Members
- Project Selection Workgroup Recommendation
- Summary and Next Steps

Prop 84-Round 3 Drought Solicitation

- Current round of IRWM funding is expedited for drought relief through a Statewide competition for $200 million
- Funding capped for each Funding Area: up to $42.3 million available for San Diego
- Funding to regions with greatest drought impacts

Prop 84-Round 3 Drought Solicitation

- Grant application due: July 21, 2014
- Draft awards announced: September 2014
- Final conditional grants awarded: October 2014

Prop 84-Round 3 Project Selection Process

- Project scoring approved by RAC April 22nd
- Projects submitted to online database by April 30th
- Projects numerically scored and ranked by third party and reviewed by RWMG with scores approved of by RAC
- Project scoring discussed and vetted with RAC May 15th
- Projects evaluated by Project Selection Workgroup
  - Interviews held May 28th
- Suite of projects and funding amounts approved by RAC June 4th
- Application submitted to DWR in July 2014

Prop 84-Round 3 Project List

- 12 submitted projects
  - Total project costs: $101.9M
  - Total grant request: $30.3M
- RAC Grant Funding Recommendation:
  - Total Grant Request: $16.5-20M
  - Total Number of Projects: 6-8
**Project Selection Workgroup**

- **Purpose:** To review submitted projects and recommend a package of projects (proposal)
- **4 meetings during May 2014, for a total of 27 hours of deliberation**
  - Time also spent outside meetings reviewing database submittals
- **1 meeting included interviews with 10 project sponsors**
- **Quorum achieved at every meeting**
- **Formal votes required a 2/3 majority vote to pass**

**Step 1: Project Evaluations**
- Workgroup discussed scoring criteria and application to each project
- Workgroup discussed each project, its objectives, work plan, partners, budget, schedule, drought relief benefits, and competitiveness for statewide competition
- Workgroup identified any red flags and questions for each project
- For any project-related questions, the consultant team was directed to follow-up with individual project sponsors

**Step 2: Project Interviews**
- 10 project sponsors were invited for interviews
- Each interview was 40 minutes, and involved a brief presentation followed by a Q&A session
- Following the interviews, the Workgroup discussed the merits of each project

**Step 3: Final Evaluation & Recommendation**
- Workgroup discussed considerations for overall proposal
- Workgroup discussed project and proposal-level considerations and deliberated on overall proposal
- Workgroup voted on the proposal and funding amounts for each project

**Project Selection Workgroup Members**

<table>
<thead>
<tr>
<th>Caucus</th>
<th>Representative</th>
<th>Alternate</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWMG</td>
<td>Mark Stadler (Water Authority)</td>
<td>Dana Friehauf (Water Authority)</td>
</tr>
<tr>
<td></td>
<td>Gusty Herion (City of San Diego)</td>
<td>Peter Martin (City of San Diego)</td>
</tr>
<tr>
<td></td>
<td>Nancy Stalnaker (County)</td>
<td>JoAnn Weber (County)</td>
</tr>
<tr>
<td>Water Supply</td>
<td>Ron Mosher (Sweetwater Authority)</td>
<td>Greg Thomas (Rincon del Diablo)</td>
</tr>
<tr>
<td>Water Quality</td>
<td>Leigh Johnson (UC Coop. Extension)</td>
<td>Loretta Bates (UC Coop. Extension)</td>
</tr>
<tr>
<td>Natural Resources</td>
<td>Rob Hutzel (SD River Park Foundation)</td>
<td>Julie Hampel (UCSD)</td>
</tr>
<tr>
<td>DAC/EJ</td>
<td>David Flores (Casa Familiar)</td>
<td>Dave Harvey (RCAC)</td>
</tr>
<tr>
<td>Other</td>
<td>Robyn Badger (San Diego Zoo)</td>
<td>Kelly Craig (San Diego Zoo)</td>
</tr>
</tbody>
</table>

**Workgroup Results**

- 7 recommended projects
  - Total Project Costs: $60,233,000
  - Grant Funds: $15,075,000

---

**Recycled Municipal Water Supply:** 33%

**Urban Water Use Efficiency:** 10%

**Potable Water Treatment and Distribution:** 17%

**Brackish Desalination:** 34%

---

**San Diego IRWM Program**

Proposals 2013 IRWM Strategic Plan Stakeholder Implementation Grant

**Project Interviews**

8:00 a.m. - 5:00 p.m.
### Recommended Prop 84-Round 3 Package

<table>
<thead>
<tr>
<th>Project</th>
<th>Sponsor</th>
<th>Grant Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard A. Reynolds Groundwater Desalination Facility Expansion</td>
<td>Sweetwater Authority</td>
<td>$5,000,000</td>
</tr>
<tr>
<td>FPUD Plant Nurseries Recycled Waterline Extension</td>
<td>Fallbrook Public Utility District</td>
<td>$772,000</td>
</tr>
<tr>
<td>2014 San Diego Regional Drought Response Program</td>
<td>SD County Water Authority</td>
<td>$1,008,000</td>
</tr>
<tr>
<td>City of San Diego Potable Water Use Reduction &amp; Drought Relief</td>
<td>City of San Diego</td>
<td>$699,520</td>
</tr>
<tr>
<td>Conservation on Demand: Advanced Metering Infrastructure-Facilitated Conservation</td>
<td>Rincon del Diablo MWD</td>
<td>$600,927</td>
</tr>
<tr>
<td>Hodges Reservoir Oxygenation System (HOS) Project</td>
<td>City of San Diego</td>
<td>$2,554,500</td>
</tr>
<tr>
<td>Carlsbad MWD Recycled Water Project</td>
<td>Carlsbad MWD</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>Grant Administration</td>
<td></td>
<td>$439,078</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$15,075,025</td>
</tr>
</tbody>
</table>

### Projects Organized by Primary Water Management Strategy

<table>
<thead>
<tr>
<th>Project</th>
<th>Sponsor</th>
<th>Grant Request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Recycled Municipal Wastewater</td>
<td>FPUD Plant Nurseries Recycled Waterline Extension</td>
<td>Fallbrook Public Utility District</td>
</tr>
<tr>
<td>Carlsbad MWD Recycled Water Project</td>
<td>Carlsbad MWD</td>
<td>$6,000,000</td>
</tr>
<tr>
<td>Urban Water Use Efficiency</td>
<td>2014 San Diego Regional Drought Response Program</td>
<td>SD County Water Authority</td>
</tr>
<tr>
<td>City of San Diego Potable Water Use Reduction &amp; Drought Relief</td>
<td>City of San Diego</td>
<td>$699,520</td>
</tr>
<tr>
<td>Conservation on Demand: Advanced Metering Infrastructure-Facilitated Conservation</td>
<td>Rincon del Diablo MWD</td>
<td>$600,927</td>
</tr>
<tr>
<td>Hodges Reservoir Oxygenation System (HOS) Project</td>
<td>City of San Diego</td>
<td>$2,554,500</td>
</tr>
<tr>
<td>Carlsbad MWD Recycled Water Project</td>
<td>Carlsbad MWD</td>
<td>$4,000,000</td>
</tr>
<tr>
<td>Grant Administration</td>
<td></td>
<td>$439,078</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>$15,075,025</td>
</tr>
</tbody>
</table>

### Project Summaries

- **FPUD Plant Nurseries Recycled Waterline Extension (Fallbrook Public Utility District)**
  - Distributes 644 AFY of currently produced but unused recycled water to agricultural customers
  - Builds on existing recycled water program
  - Assists local economy through support to agricultural industry

- **Hodges Reservoir Oxygenation System (HOS) Project**
  - City of San Diego
  - Project supports drought relief

- **Richard A. Reynolds Groundwater Desalination Facility Expansion (Sweetwater Authority)**
  - Expands existing desalination facility by 5,200 AFY
  - 13,400 ft. of pipeline, 5 new wells to draw brackish groundwater from San Diego Formation
  - Intertie with City of San Diego
  - Drought-proof, reliable supply

- **2014 San Diego Regional Drought Response Program (Authority)**
  - WaterSmart landscape efficiency program and makeover workshops, turf rebate program, and detention facility retrofit
  - Regional program to offset potable water use
  - Expands on existing successful programs
**Project Summaries**

- **City of San Diego Potable Water Use Reduction & Drought Relief Project (City of San Diego)**
  - Construction of recycled water filling station for use in construction and other projects to offset potable water use
  - Pressure regulator rebate program (5,000 rebates) to reduce water waste

- **Conservation on Demand: Advanced Metering Infrastructure-Facilitated Conservation (Rincon del Diablo MWD)**
  - Completes installation of Advanced Metering Infrastructure (AMI) for all District customers
  - Implements WaterSmart software to provide customer access to hourly water use data and District resources

- **Hodges Reservoir Oxygenation System (City of San Diego)**
  - Oxygenation of Hodges Reservoir to improve water quality
  - Facilitates use of existing emergency storage infrastructure
  - Provides water quality, water supply, habitat/ecosystem, and recreational benefits

- **Carlsbad MWD Recycled Water Project (Carlsbad MWD)**
  - Expands Carlsbad Water Reclamation Facility from 4 mgd to 6 mgd (additional 2,240 AFY capacity)
  - Constructs pipelines to deliver 363 AFY recycled water with plans to deliver all 2,240 AFY in future
  - Reduces discharges to ocean and reduces water waste

---

**RAC Discussion and Vote on Prop 84-Round 3 Drought Relief Recommendation**

---

**Agenda**

- Welcome & Introductions
- IRWM Grant Program
- Addition of New Non-Voting RAC Members
- Project Selection Workgroup Recommendation
- Summary and Next Steps
**Next Steps**

- Water Authority Board of Directors to vote on recommended Prop 84-Round 3 Drought Relief package (June 26th)
- RWMG and Consultant team develops and submits application to DWR (due July 21st)

**Next RAC Meeting**

- August 6, 2014

**2014 Meeting Schedule**

- October 1, 2014
- December 3, 2014

- *Regular Meetings Held First Wednesday of Every Other Month* -