San Diego IRWMP
Regional Advisory Committee Meeting #63

August 3, 2016

Agenda

• Welcome & Introductions
• Project Completion Reports
• 2015 UWMP and 2016 Emergency Regulations
• IRWM Grant Program
• IRWM Grant Administration
• Public Comments
• Summary and Next Steps
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Project Completion Report

Project 50-3: Campus Landscape Renovation, Conservation, and Pollutant Load Reduction

Project Completion Report

Project 50-5: Recycled Water Retrofit Assistance Program
Project Completion Report

Project 50-10: Santa Margarita Conjunctive Use Project

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• Summary and Next Steps
2015 Urban Water Management Plan and 2016 Emergency Regulations

Alexi Schnell, San Diego County Water Authority
Jeff Stephenson, San Diego County Water Authority

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**DAC Planning Grant Solicitation**

- For activities that involve disadvantaged communities (DACs), economically distressed areas (EDAs), or underrepresented communities (URCs)
- $4.6M for San Diego per Tri-County FACC split
- Call for Projects:
  - 22 Submitted Projects
  - Total Grant Request: $13.3M

**DAC & Tribal Outreach**

- Targeted outreach leading up to the DAC Planning Grant call for projects
  - 16 DAC organizations were contacted
  - All 18 Native American tribes were contacted
    - Incl. La Jolla Band of Luiseno Indians, Los Coyote Band of Cahuilla and Cupeno Indians, Pala Band of Luiseno Mission Indians, Jamul Indian Village
**DAC Planning Grant Solicitation**

- **Apr 11- May 18**: Call for Projects
- **Apr 19**: Project Concept Workshop
- **June 1**: Project List & Scoring
- **June & July**: Project Selection Workgroup
- **Today!**: RAC Approval of Project List
- **August**: Tri-County FACC Coordination
- **August**: Meet with DWR to Approve Proposal
- **Sept**: SDCWA Approval To Submit Proposal
- **Sep/Oct**: Prepare and Submit Proposal

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**Project Selection Workgroup**

<table>
<thead>
<tr>
<th>Caucus</th>
<th>Representative</th>
<th>Alternate</th>
</tr>
</thead>
<tbody>
<tr>
<td>RWMG – Water Authority</td>
<td>Mark Stadler</td>
<td>Lesley Dobalian</td>
</tr>
<tr>
<td>RWMG – City of San Diego</td>
<td>Cathy Peironi</td>
<td>Andrew Funk</td>
</tr>
<tr>
<td>RWMG – County of San Diego</td>
<td>Stephanie Gaines</td>
<td></td>
</tr>
<tr>
<td>DAC/EJ</td>
<td>Travis Pritchard (San Diego Coastkeeper)*</td>
<td>Rob Hutsel (San Diego River Park Foundation)</td>
</tr>
<tr>
<td>DAC/EJ</td>
<td>Rob Roy (La Jolla Band of Luiseno Indians)</td>
<td>Mo Lahsaie (City of Oceanside)</td>
</tr>
<tr>
<td>DAC/EJ</td>
<td>Olga Morales (RCAC)</td>
<td>John Flores (San Pasqual Band of Mission Indians)</td>
</tr>
</tbody>
</table>

*Project Selection Workgroup Chair*
Project Selection Workgroup

• Purpose: Review projects and recommend a prioritized list for funding
  • 6 meetings during June and July 2016
    ▪ Total of 34 hours of deliberation
    ▪ Time spent outside meetings reviewing materials
    ▪ Interviews with 14 project sponsors
  • Quorum achieved at every meeting
  • 2/3 majority vote to pass funding package
    ▪ Final package passed by a unanimous vote!

Project Selection Workgroup

• Step 1: Project Evaluations
  ▪ Workgroup discussed RAC-approved scoring criteria
  ▪ Workgroup discussed each project, its objectives, work plan, partners, budget, schedule, benefits to DACs, EDAs, or URCs
  ▪ Workgroup identified any red flags and questions for each project
  ▪ For project-related questions, consultant team was directed to follow-up with individual project sponsors
Project Selection Workgroup

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

Project Selection Workgroup

• Step 3: Final Evaluation & Recommendation
  - Workgroup discussed considerations for overall project list
  - Workgroup developed multiple proposed packages and debated merits of each
  - Workgroup voted on project list and funding amounts for each project
  - Workgroup voted on project alternatives, in the event DWR rejects one of the priority projects
    - DWR pre-approval of funding proposal is new step!
Workgroup Results

- 8 recommended projects
  - Total Project Costs: $4.709M
  - Total Grant Recommendation: $4.567M

![Pie chart showing distribution of recommended projects]

Recommended Priority Projects

<table>
<thead>
<tr>
<th>Project</th>
<th>Sponsor</th>
<th>Workgroup Recommendation</th>
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<tbody>
<tr>
<td>Chollas Creek Watershed Water Quality and Habitat Improvement Project</td>
<td>Groundwork San Diego</td>
<td>$404,000</td>
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<tr>
<td>Healthy Water and Healthy Community for Forester Creek</td>
<td>San Diego River Park Foundation</td>
<td>$320,000</td>
</tr>
<tr>
<td>Nelson Sloan Quarry Restoration Planning and Environmental Review</td>
<td>California Department of Parks and Recreation</td>
<td>$890,000</td>
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<tr>
<td>Paradise Valley Creek Water Quality and Community Enhancement</td>
<td>City of National City</td>
<td>$365,000</td>
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<td>Pauma Valley Integrated Water Supply Reliability Improvement</td>
<td>Yuima Municipal Water District (in partnership with Lazy H MWC)</td>
<td>$800,000</td>
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<td>Planning for Water Conservation, Flood Prevention, and Safe Effective Use of Alternative Non-Potable Water Supplies in DACs</td>
<td>UCSD (in partnership with SDHC)</td>
<td>$1,175,000</td>
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<tr>
<td>San Luis Rey Watershed Tribal and DACs Assistance for Water Use Efficiency and Flood Control</td>
<td>San Luis Rey Watershed Council</td>
<td>$355,000</td>
</tr>
<tr>
<td>Spruce Street Channel Improvement Project</td>
<td>City of Escondido</td>
<td>$258,000</td>
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<tr>
<td><strong>PROJECT SUBTOTAL</strong></td>
<td></td>
<td><strong>$4,567,000</strong></td>
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<tr>
<td>Grant Administration</td>
<td></td>
<td><strong>$141,722</strong></td>
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<td><strong>TOTAL</strong></td>
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</table>
## Project Alternates

<table>
<thead>
<tr>
<th>Project</th>
<th>Sponsor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadway Channel Community Enhancements</td>
<td>City of El Cajon</td>
</tr>
<tr>
<td>Escondido Creek Watershed Opportunities Analysis for Integrated Water Quality Enhancement, Habitat Restoration, and Implementation of Permit Alternative Compliance</td>
<td>Escondido Creek Conservancy</td>
</tr>
<tr>
<td>Improving Water Quality by Reducing Pollution from Homeless Encampments in the San Luis Rey Riverbed Study</td>
<td>City of Oceanside</td>
</tr>
</tbody>
</table>
**Tier 1 – Recommended Priority Projects**

**Chollas Creek Watershed Water Quality and Habitat Improvement Project**

<table>
<thead>
<tr>
<th>Project Sponsor</th>
<th>Groundwork San Diego-Chollas Creek</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Amount</td>
<td>$404,000</td>
</tr>
</tbody>
</table>

**Purpose**

- Conduct environmental and engineering studies, provide initial designs and plans to reduce flooding, vegetative overgrowth, runoff, and recreational open space/trail deficits
### Healthy Water and Healthy Community for Forester Creek

<table>
<thead>
<tr>
<th>Project Sponsor</th>
<th>San Diego River Park Foundation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funding Amount</td>
<td>$320,000</td>
</tr>
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</table>

**Purpose**
- Engage DACs of El Cajon in community-based planning to improve the health of Forester Creek
  - Organize stakeholder committee, community volunteer training, and youth education
- Complete Recommendation Report and preliminary design

### Nelson Sloan Quarry Restoration Planning and Environmental Review Project

<table>
<thead>
<tr>
<th>Project Sponsor</th>
<th>California Department of Parks and Recreation</th>
</tr>
</thead>
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<tr>
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**Purpose**
- Contract for EIR/EIS, final design drawings, and regulatory permit consultation for implementation of Nelson Sloan Quarry project
- Allows for integrated, cost-effective sediment and trash management in the Tijuana River Valley
**Paradise Valley Creek Water Quality and Community Enhancement Project**

**Project Sponsor**  City of National City  
**Funding Amount**  $365,000

**Purpose**
- Provide engineering, permitting, and outreach planning to increase flood conveyance capacity of Paradise Valley Creek, while promoting outdoor recreational use.

**Pauma Valley Integrated Water Supply Reliability Improvement**

**Project Sponsor**  Yuima Municipal Water District  
**Funding Amount**  $800,000

**Purpose**
- Engage in stakeholder/community outreach to form Groundwater Sustainability Agency (GSA) and conduct initial basin studies for Groundwater Sustainability Plan (GSP).
- Create community outreach plan, perform hydraulic analysis, permitting, and design for consolidation of Lazy H MWC into Yuima Municipal Water District.
Planning for Water Conservation, Flood Prevention, and Safe Effective Use of Alternative Non-Potable Water Supplies in DACs

**Project Sponsor**  University of California San Diego  
**Funding Amount**  $1,175,000

**Purpose**  
- Identify, design, and permit non-potable reuse opportunities at San Diego Housing Commission (SDHC) properties and in Chula Vista and Imperial Beach  
- Prepare cost estimates, funding plans and project development

San Luis Rey Watershed Tribal and DAC Assistance for Water Use Efficiency and Flood Control

**Project Sponsor**  San Luis Rey Watershed Council  
**Funding Amount**  $355,000

**Purpose**  
- Assess water efficiency BMPs (i.e. rainwater capture) installation throughout SLR Watershed  
- Erosion control and toilet alternatives/septic system repair improvements at Los Coyotes Reservation  
- Investigate permits needed for green street design
Spruce Street Channel Improvement Project

**Project Sponsor** | City of Escondido
---|---
**Funding Amount** | $258,000

**Purpose**
- Complete engineering design and permitting for channel recontouring and sediment removal from Spruce Street channel

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**Tier 2 – Project Alternates**

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<tr>
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<th>Project Sponsor</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broadway Channel Community Enhancement</td>
<td>City of El Cajon</td>
<td>Provide community outreach, engineering studies, design drawings, and environmental documentation and permitting to remove debris and reduce flooding of the Broadway Channel</td>
</tr>
<tr>
<td>Escondido Creek Watershed Opportunities Analysis for Integrated Water Quality Enhancement, Habitat Restoration &amp; Implementation of Permit Alternative Compliance</td>
<td>The Escondido Creek Conservancy</td>
<td>Provide hydrogeological analyses to integrate habitat restoration, water quality enhancement, and potential MS4 NPDES Permit Alternative Compliance actions within the Escondido Creek stream network</td>
</tr>
</tbody>
</table>
| Improving Water Quality by Reducing Pollution from Homeless Encampments in the San Luis Rey Riverbed Study | City of Oceanside | Conduct site assessment to develop a long-term, sustainable solution to homeless debris and reduce illegal dumping that contributes to poor water quality.  
  - Develop local task force  
  - Conduct research, design, and implement survey |
RAC Discussion and Vote on Workgroup’s Recommendation on DAC Planning Grant

Recommended Priority Projects

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Letters of Support

- Project sponsor recently asked for a letter of support from IRWM Program, for use in pursuing other funding sources
- RWMG recommendation –
  - Program Manager can prepare and sign letters of support, on behalf of the IRWM Program, for any funded project

RAC Discussion on RWMG’s Recommendation on Letters of Support
Regional Stormwater Resource Plan

- County of San Diego was awarded $374,350 in grant funding through SWRCB’s Storm Water Grant Program!
- Regional SWRP will be kicked off this month with the MS4 Copermittees.
- Updates will be provided at RAC meetings throughout the process and stakeholder workshops will be announced via IRWM email.

Agenda

- Welcome & Introductions
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- IRWM Grant Program
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- Summary and Next Steps
### Proposition 50 and 84 Grants

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Date Awarded</th>
<th>Grant Award ($)</th>
<th># of Projects Funded</th>
<th># Projects Completed/at least 80% Complete</th>
<th>Grant Billed to DWR ($)</th>
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<tbody>
<tr>
<td>Proposition 50</td>
<td>2008</td>
<td>$25.0M</td>
<td>18</td>
<td>18</td>
<td>$24.9M</td>
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<tr>
<td>Proposition 84, Round 1</td>
<td>2011</td>
<td>$7.9M</td>
<td>11</td>
<td>5</td>
<td>$5.3M</td>
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<tr>
<td>Proposition 84, Round 2</td>
<td>2014</td>
<td>$10.5M</td>
<td>7</td>
<td>0</td>
<td>$4.5M</td>
</tr>
<tr>
<td>Proposition 84, Drought</td>
<td>2014</td>
<td>$15.1M</td>
<td>7</td>
<td>1</td>
<td>$1.6M</td>
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<tr>
<td>Proposition 84, Final</td>
<td>2014</td>
<td>$31.1M</td>
<td>13</td>
<td>0</td>
<td>$0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>2014</strong></td>
<td><strong>$89.6M</strong></td>
<td><strong>56</strong></td>
<td><strong>24</strong></td>
<td><strong>$36.3M</strong></td>
</tr>
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</table>

*Excludes the IRWM Planning Grant Award

#### Grant Funding vs. Grant Amount Billed to Date

- **Proposition 50**
  - Grant Funding: $25,000,000
  - Grant Amount Billed to Date: $24,977,293
- **Proposition 84 Round 1**
  - Grant Funding: $7,900,000
  - Grant Amount Billed to Date: $5,305,029
- **Proposition 84 Round 2**
  - Grant Funding: $10,511,225
  - Grant Amount Billed to Date: $4,522,414
- **Proposition 84 Drought Round**
  - Grant Funding: $15,074,938
  - Grant Amount Billed to Date: $1,626,770
**Proposition 50**

- Significant Milestones: All projects are complete!
  - Project completion reports and final deliverables received and reviewed
- Upcoming:
  - Review and submittal of remaining Proposition 50 projects final reports and program completion report
  - Submittal of retention-release requests
  - Continued project presentations to the RAC
  - Proposition 50 program presentation in October 2016

**Proposition 84 Implementation, Round 1**

Significant Milestones:
- Sustainable Landscapes Program
  - WaterSmart Landscape Makeover Series and Residential Design Seminars conducted
  - Garden Guru Technical Assistance Program launched
  - Watersmart website developed and launched
- Chollas Creek Integration, Phase 1 – Completed construction and grand opening ceremony event held
- Bannock Avenue Neighborhood Streetscape Improvements – Completed BMP operational repairs
Proposition 84 Implementation, Round 1

- Agreement Amendment:
  - Second grant agreement amendment approved
- Upcoming:
  - Sustainable Landscape Program:
    - Sustainable Landscapes Incentive Program – Website launch and continue with education and training classes and workshops
  - Chollas Creek Integration Project, Phase 1 – Completion report and presentation

Proposition 84 Implementation, Round 1

Chollas Creek Integration Project- Construction Photos
Proposition 84 Implementation, Round 1

GRANT FUNDING vs. GRANT AMOUNT BILLED TO DATE

Total Costs Billed $5.3M
Proposition 84 Implementation, Round 2

- Significant milestones:
  - North SD County Regional Recycled Water Project:
    - OMWD conversion of distribution facilities to recycled water installed pipeline
    - Escondido installed brinelines and pipelines for Easterly Main recycled water
  - Chollas Creek Integration, Phase 2 – completed construction and grand opening ceremony event held
  - Sustaining Healthy Tributaries to Upper San Diego River
    - Held wildlife monitoring and stream assessments along Boulder and Cedar Creeks

- Agreement Amendment Request
  - Amendment Request No. 1 pending DWR approval

- Upcoming
  - Failsafe Potable Reuse Project – Water data analysis and final report development
  - Chollas Creek Integration Project, Phase 2 – Completion report and presentation
Proposition 84 Implementation, Round 2

Sustaining Healthy Tributaries to the Upper San Diego River and Protecting Local Water Supplies

Total Costs Billed $4.3M

Grant Funding vs. Grant Amount Billed to Date

Total Costs Billed $4.3M
**Proposition 84 Implementation, Round 3**

- **Significant Milestones:**
  - Reynolds Groundwater Desalination Facility Project
    - Continued construction of wells and installation of conveyance pipelines at the desalination facility
  - Fallbrook Plant Nurseries Recycled Water Distribution Project
    - Performed final testing of the retrofit sites
  - Carlsbad Recycled Water Plant and Distribution System Expansion Project
    - Worked on site excavation, electrical, biological survey and noise monitoring

- **Upcoming:**
  - Fallbrook Plant Nurseries Recycled Water Distribution Project – Design work updates and final reporting
  - San Diego Water Use Reduction Program – Receipt of Recycled Water Filling Station Planning Report and launch of Pressure Regulator Program
Proposition 84 Implementation, Round 3

Total Costs Billed $1.6M

Proposition 84 Implementation, Round 4

- Late August 2016 - Projected agreement execution
  - LPS Agreements processing and LPS workshop to follow
- September 2016 - LPS kick off meeting
- October 2016 – first submittal of LPS invoices and progress reports
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**Public Comments**
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2016 Meeting Schedule

- Next RAC Meeting: October 5, 2016
- 2016 Meeting Schedule:
  - October 5th
  - December 7th

  - Regular Meetings Held First Wednesday of Every Other Month -