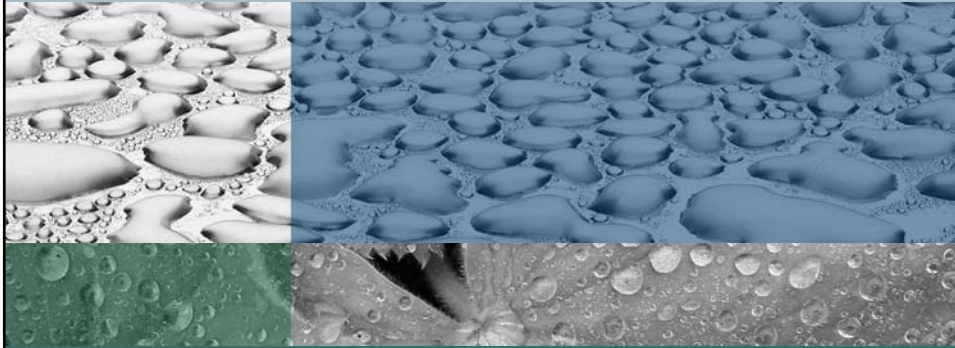


*San Diego IRWMP
Regional Advisory Committee Meeting #63*



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



SAN DIEGO
Integrated Regional
Water Management

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Project Completion Report

Project 50-5: Recycled Water Retrofit Assistance Program



SAN DIEGO
Integrated Regional
Water Management

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Project Completion Report

Project 50-10: Santa Margarita Conjunctive Use Project



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2015 Urban Water Management Plan and 2016 Emergency Regulations



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

Agenda

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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



Tri-County Funding Area Coordinating Committee (FACC)

DAC & Tribal Outreach

- Targeted outreach leading up to the DAC Planning Grant call for projects
 - 16 DAC organizations were contacted
 - Incl. Environmental Health Coalition, Jacobs, Center, Wildcoast, Urban Corps, California Rural Water Assn.
 - 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



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Project Selection Workgroup

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

*Project Selection Workgroup Chair

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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

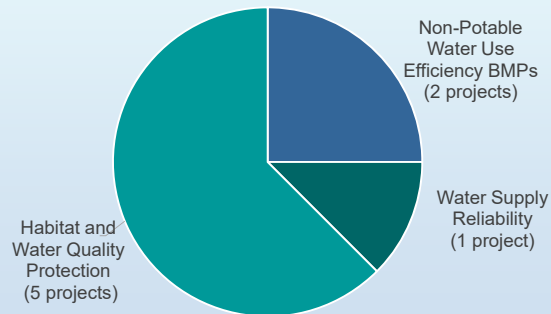


Project Selection Workgroup

- 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



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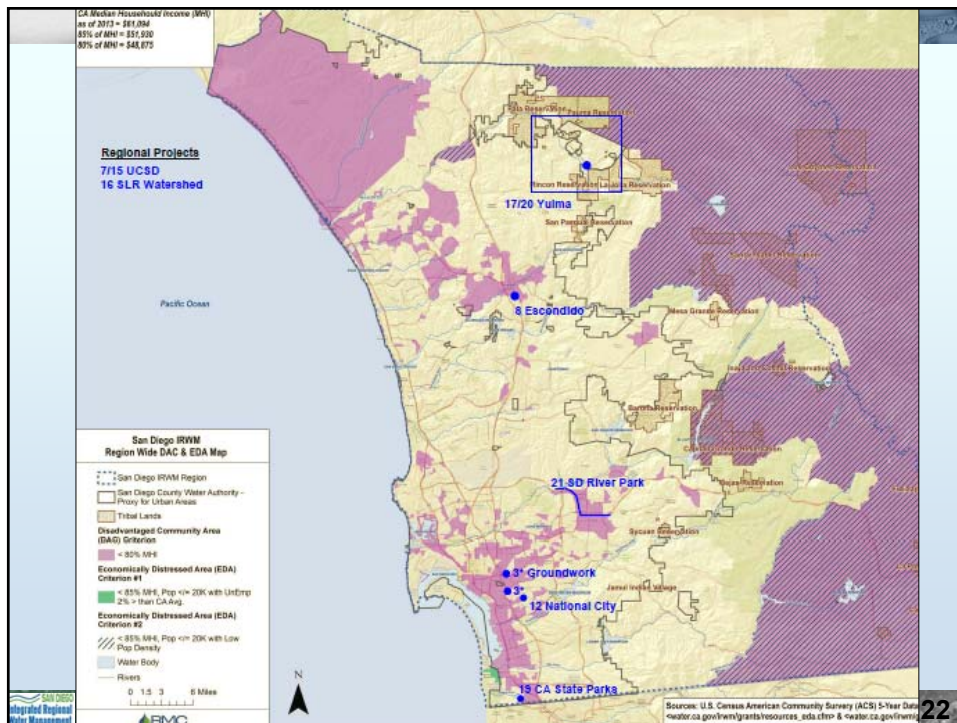
Recommended Priority Projects

Project	Sponsor	Workgroup Recommendation
Chollas Creek Watershed Water Quality and Habitat Improvement Project	Groundwork San Diego	\$404,000
Healthy Water and Healthy Community for Forester Creek	San Diego River Park Foundation	\$320,000
Nelson Sloan Quarry Restoration Planning and Environmental Review	California Department of Parks and Recreation	\$890,000
Paradise Valley Creek Water Quality and Community Enhancement	City of National City	\$365,000
Pauma Valley Integrated Water Supply Reliability Improvement	Yuima Municipal Water District (in partnership with Lazy H MWC)	\$800,000
Planning for Water Conservation, Flood Prevention, and Safe Effective Use of Alternative Non-Potable Water Supplies in DACs	UCSD (in partnership with SDHC)	\$1,175,000
San Luis Rey Watershed Tribal and DACs Assistance for Water Use Efficiency and Flood Control	San Luis Rey Watershed Council	\$355,000
Spruce Street Channel Improvement Project	City of Escondido	\$258,000
PROJECT SUBTOTAL		\$4,567,000
Grant Administration	-	\$141,722
TOTAL		\$4,708,722

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Project Alternates

Project	Sponsor
<i>To be included if DWR rejects one or more of the recommended projects</i>	
Broadway Channel Community Enhancements	City of El Cajon
Escondido Creek Watershed Opportunities Analysis for Integrated Water Quality Enhancement, Habitat Restoration, and Implementation of Permit Alternative Compliance	Escondido Creek Conservancy
Improving Water Quality by Reducing Pollution from Homeless Encampments in the San Luis Rey Riverbed Study	City of Oceanside



Tier 1 – Recommended Priority Projects

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Chollas Creek Watershed Water Quality and Habitat Improvement Project

Project Sponsor	Groundwork San Diego-Chollas Creek
Funding Amount	\$404,000

Purpose

- Conduct environmental and engineering studies, provide initial designs and plans to reduce flooding, vegetative overgrowth, runoff, and recreational open space/trail deficits



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Healthy Water and Healthy Community for Forester Creek

Project Sponsor	San Diego River Park Foundation
Funding Amount	\$320,000

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



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Nelson Sloan Quarry Restoration Planning and Environmental Review Project

Project Sponsor	California Department of Parks and Recreation
Funding Amount	\$890,000

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



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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



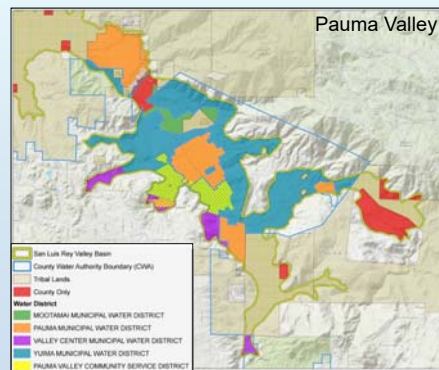
27

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



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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



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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



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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

Project Title	Project Sponsor	Purpose
Broadway Channel Community Enhancement	City of El Cajon	Provide community outreach, engineering studies, design drawings, and environmental documentation and permitting to remove debris and reduce flooding of the Broadway Channel
Escondido Creek Watershed Opportunities Analysis for Integrated Water Quality Enhancement, Habitat Restoration & Implementation of Permit Alternative Compliance	The Escondido Creek Conservancy	Provide hydrogeological analyses to integrate habitat restoration, water quality enhancement, and potential MS4 NPDES Permit Alternative Compliance actions within the Escondido Creek stream network
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. <ul style="list-style-type: none"> • Develop local task force • Conduct research, design, and implement survey

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RAC Discussion and Vote on Workgroup's Recommendation on DAC Planning Grant

Recommended Priority Projects

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Spruce Street Channel Improvement Project	City of Escondido	\$258,000
PROJECT SUBTOTAL		\$4,567,000
Grant Administration	-	\$141,722
TOTAL		\$4,708,722

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.

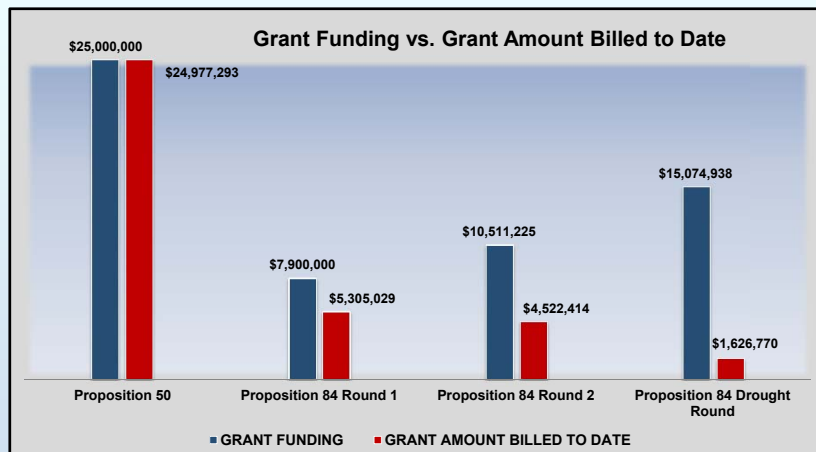
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Proposition 50 and 84 Grants

Funding Source	Date Awarded	Grant Award (\$)	# of Projects Funded	# Projects Completed/at least 80% Complete	Grant Billed to DWR (\$)
Proposition 50	2008	\$25.0M	18	18	\$24.9M
Proposition 84, Round 1	2011	\$7.9M	11	5	\$5.3M
Proposition 84, Round 2	2014	\$10.5M	7	0	\$4.5M
Proposition 84, Drought	2014	\$15.1M	7	1	\$1.6M
Proposition 84, Final	2014	\$31.1M	13	0	\$0
	*TOTAL	\$89.6M	56	24	\$36.3M
*Excludes the IRWM Planning Grant Award					

Proposition 50 and 84 Grants



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

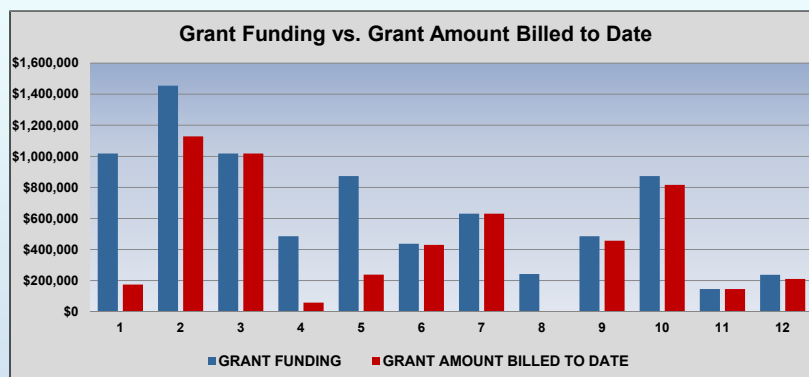
Chollas Creek Integration Project- Construction Photos



Proposition 84 Implementation, Round 1



Proposition 84 Implementation, Round 1



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

Proposition 84 Implementation, Round 2

- 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



Photo 1



Photo 2

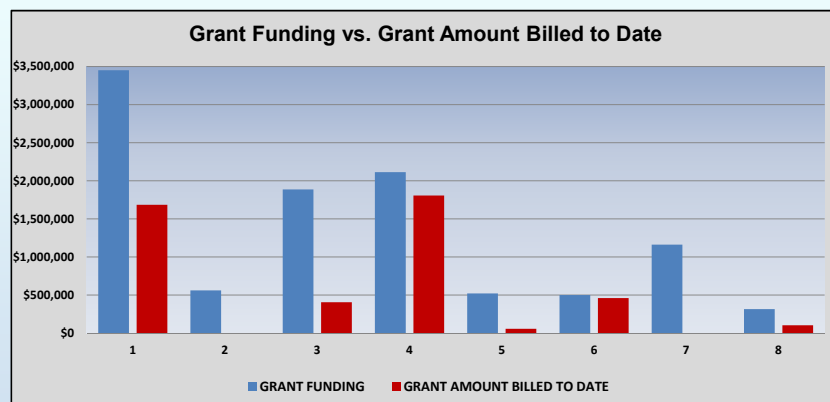


Photo 3



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Proposition 84 Implementation, Round 2



Total Costs Billed \$4.3M



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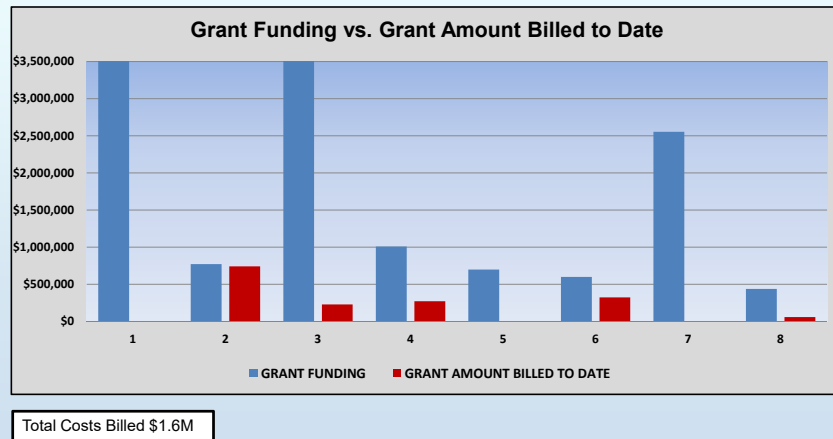
Proposition 84 Implementation, Round 3

- 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

Proposition 84 Implementation, Round 3

- Significant Milestone:
 - Rincon Customer Driven Demand Management Program
 - Delivered 13,167 Home Water Reports and WaterSmart portal survey released to 2,505 registered customers
- 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



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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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Agenda

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Public Comments

Agenda

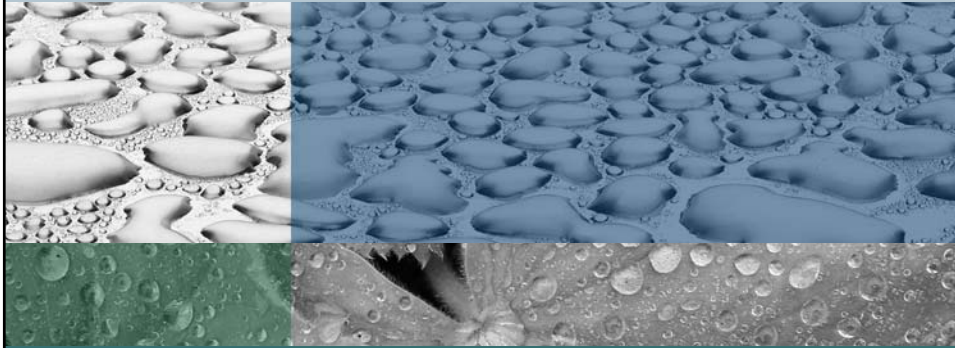
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2016 Meeting Schedule

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

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

*San Diego IRWMP
Regional Advisory Committee Meeting #63*



August 3, 2016