



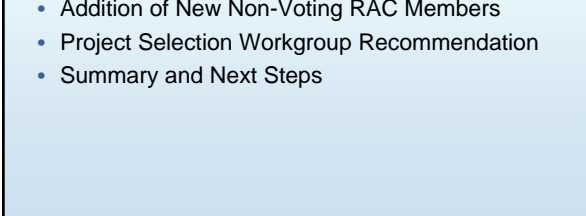
San Diego IRWMP
Regional Advisory Committee Meeting #51



June 4, 2014

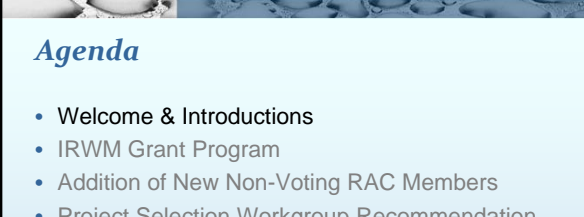
Agenda

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



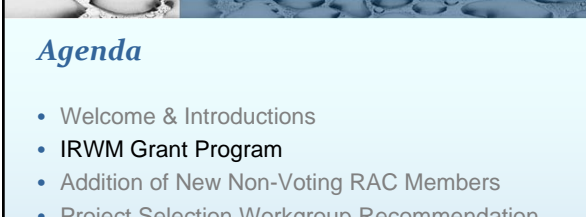
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Proposition 50 Grant Administration

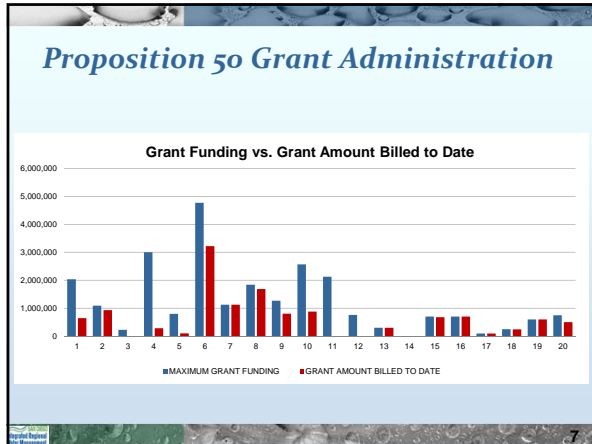
- Awarded in March 2007, terminates in June 2016
- 19 projects, 6 completed
 - San Vicente Reservoir Resource Water Protection through Watershed Property Acquisition (Project 7)
 - South San Diego County Water Supply Strategy (Project 13)
 - San Diego Regional Pollution Prevention (Project 15)
 - Biofiltration Wetland Creation & Education Program (Project 16)
 - Green Mall Porous Paving & Infiltration (Project 18)
 - Chollas Creek Runoff Reduction/Groundwater Recharge (Project 19)



Proposition 50 Grant Administration

- 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





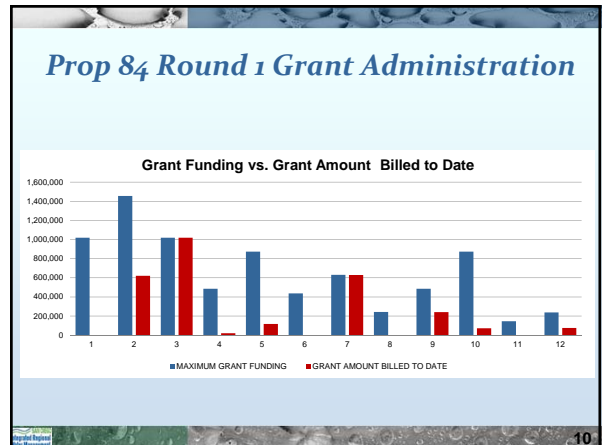
Proposition 50 Grant Administration

- 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	<u>\$11,527,054</u>
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	<u>\$2,043,987</u>
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

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IRWM Project Completion

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



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IRWM Project Report

- Project 50-17: Hodges Natural Treatment System



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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



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

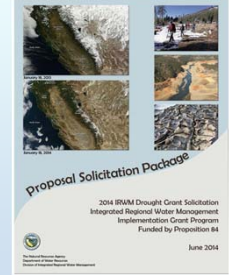
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Prop 84-Round 3 Drought Solicitation

- 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

Applicant Workshops:

1. Bakersfield: June 18, 1:30 p.m.
2. Sacramento: June 20, 1:30 p.m. (also webcast)

Prop 84-Round 3 Drought Solicitation

- Refined Details about Drought Impacts:
 - Risk of not meeting existing drinking water demands
 - Risk of not meeting existing agricultural demands
 - Risk of not meeting ecosystem water demands
 - Drinking water MCL violations
 - Groundwater basin overdraft
 - Discharge water TMDL violations
 - Other drought-related adverse impacts
- To receive full points, Region must encounter impacts by September 30, 2014

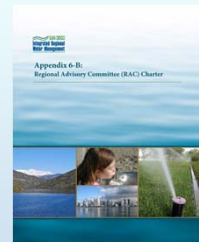
Prop 84-Round 3 Project Selection Process

- Project Selection and Review Process:
 1. Project scoring approved by RAC **April 22nd**
 2. Projects submitted to online database **by April 30th**
 3. Projects numerically scored and ranked by third party and reviewed by RWMG with scores approved of by RAC
 4. Project scoring discussed and vetted with RAC **May 15th**
 5. Projects evaluated by Project Selection Workgroup
 - Interviews held **May 28th**
 6. Suite of projects and funding amounts approved by RAC **June 4th**
 7. 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

Caucus	Representative	Alternate
RWVG	Mark Stadler (Water Authority) Goldy Herbon (City of San Diego) Nancy Stalnaker (County)	Dana Frieauf (Water Authority) Peter Martin (City of San Diego) JoAnn Weber (County)
Water Supply	Ron Mosher (Sweetwater Authority)	Greg Thomas (Rincon del Diablo)
Water Quality	Leigh Johnson (UC Coop. Extension)	Loretta Bates (UC Coop. Extension)
Natural Resources	Rob Hutsel (SD River Park Foundation)	Julie Hampel (UCSD)
DAC/EJ	David Flores (Casa Familiar)	Dave Harvey (RCAC)
Other	Robyn Badger (San Diego Zoo)	Kelly Craig (San Diego Zoo)

- ### 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

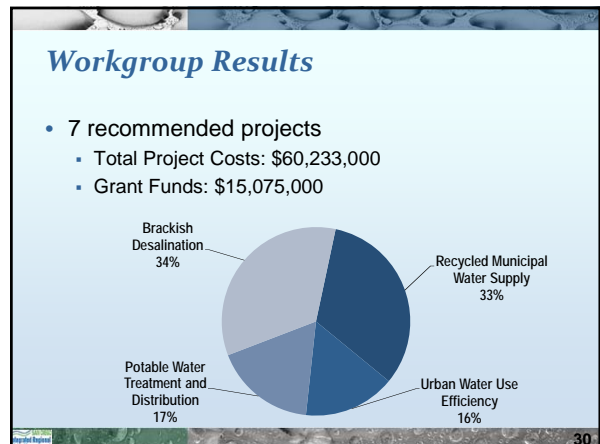
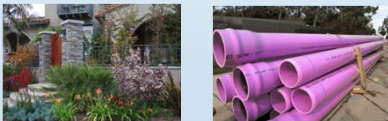
- ### Project Selection Workgroup
- Step 1: Project Evaluations
 - Workgroup discussed scoring criteria and application to each project
 - Workgroup discussed each project, its objectives, work plan, partners, budget, schedule, drought relief benefits, and competitiveness for statewide competition
 - 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

- ### Project Selection Workgroup
- 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



San Diego IRWM Program
 Proposition 84 2014 IRWM
 Drought Solicitation
 Implementation Grant
 Proposal
Project Interviews
 8:00 a.m. – 5:00 p.m.

- ### Project Selection Workgroup
- 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



Recommended Prop 84-Round 3 Package

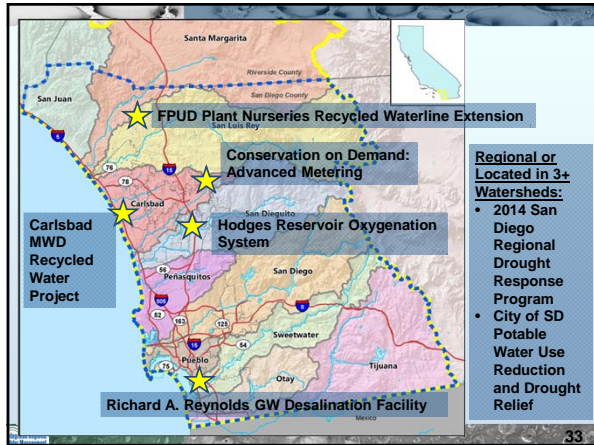
Project	Sponsor	Grant Request
Richard A. Reynolds Groundwater Desalination Facility Expansion	Sweetwater Authority	\$5,000,000
FPUD Plant Nurseries Recycled Waterline Extension	Fallbrook Public Utility District	\$772,000
2014 San Diego Regional Drought Response Program	SD County Water Authority	\$1,009,000
City of San Diego Potable Water Use Reduction & Drought Relief	City of San Diego	\$699,520
Conservation on Demand: Advanced Metering Infrastructure-Facilitated Conservation	Rincon del Diablo MWD	\$600,927
Hodges Reservoir Oxygenation System (HOS) Project	City of San Diego	\$2,554,500
Carlsbad MWD Recycled Water Project	Carlsbad MWD	\$4,000,000
Grant Administration	-	\$439,078
Total		\$15,075,025

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Projects Organized by Primary Water Management Strategy

Project	Sponsor	Grant Request
Recycled Municipal Wastewater		
FPUD Plant Nurseries Recycled Waterline Extension	Fallbrook Public Utility District	\$772,000
Carlsbad MWD Recycled Water Project	Carlsbad MWD	\$4,000,000
Urban Water Use Efficiency		
2014 San Diego Regional Drought Response Program	SD County Water Authority	\$1,009,000
City of San Diego Potable Water Use Reduction & Drought Relief	City of San Diego	\$699,520
Conservation on Demand: Advanced Metering	Rincon del Diablo MWD	\$600,927
Potable Water Treatment & Distribution		
Hodges Reservoir Oxygenation System (HOS) Project	City of San Diego	\$2,554,500
Brackish Desalination		
Richard A. Reynolds Groundwater Desalination Facility Expansion	Sweetwater Authority	\$5,000,000
Grant Administration	Grant Administration	\$439,078
Total		\$15,075,025

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Project Summaries

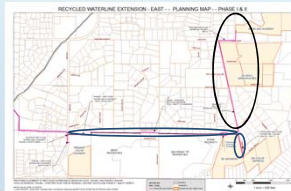
- Richard A. Reynolds Groundwater Desalination Facility Expansion (Sweetwater Authority)
 - Expands existing desalination facility by 5,200 AFY
 - 13,400 ft. of pipeline, 5 new wells to draw brackish groundwater from San Diego Formation
 - Intertie with City of San Diego
 - Drought-proof, reliable supply



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Project Summaries

- FPUD Plant Nurseries Recycled Water line (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



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Project Summaries

- 2014 San Diego Regional Drought Response Program (Water 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



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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



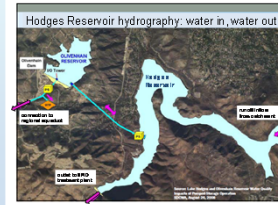
Project Summaries

- 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



Project Summaries

- 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



Project Summaries

- 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

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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

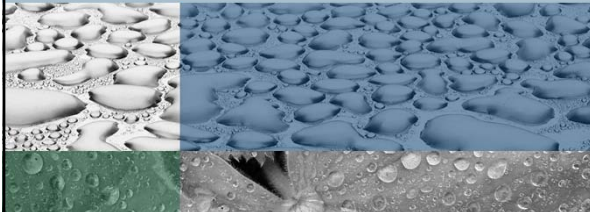
- August 6, 2014

2014 Meeting Schedule

- October 1, 2014
- December 3, 2014

- Regular Meetings Held First Wednesday of Every Other Month -

San Diego IRWMP Regional Advisory Committee Meeting #51



June 4, 2014