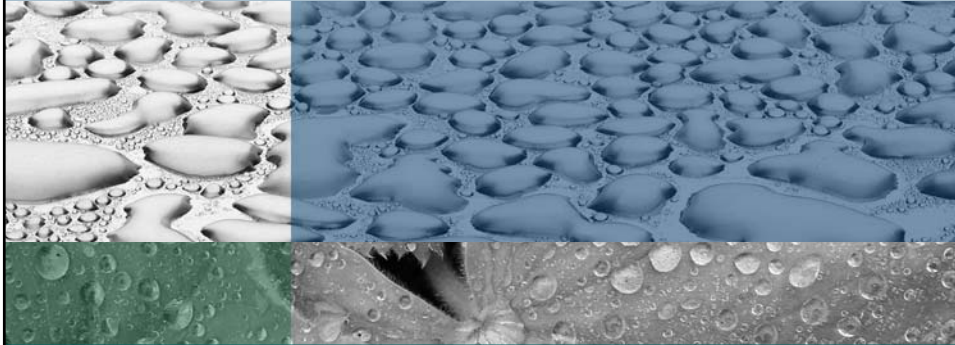


San Diego IRWM Program RAC Meeting #67



April 5, 2017

Agenda

- Welcome and Introductions
- Proposition 50 Program Completion Report
- San Diego Basin Study / Climate Change Study
- San Diego Region Stormwater Resource Plan
- Draft Grant Program Policies
- IRWM Program Updates
- IRWM Grant Administration
- Public Comments
- Summary and Next Steps

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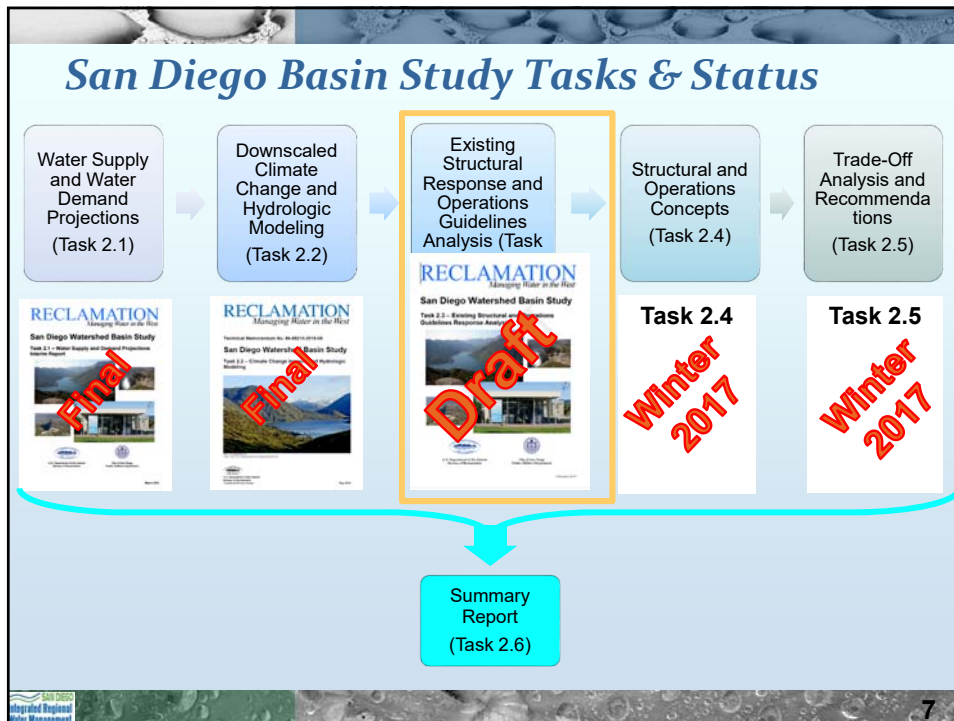
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Proposition 50 Implementation Grant Program Completion Report

Loisa Burton, San Diego IRWM Grant Administrator

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- ## Baseline Impacts
- **Water Supply/Demand/Delivery:** Baseline water deliveries increase to meet demands
 - **Water Supply/Demand/Delivery:** Reliance on imported water increases while other sources remain constant
 - **Water Supply/Demand/Delivery:** Shortages occur more often and are larger with future demands. Climate change exacerbates shortages.
 - **Water Supply/Demand:** Conveyance system limitations may contribute to shortages
 - **Recreation:** Boat ramps typically remain accessible but may sometimes be inaccessible at some reservoirs
 - **Hydropower:** Net energy consumption increases with increased deliveries despite moderate generation increases
 - **Flood:** Number and volume of spills (not for water supply) decreases in the future
- 8

Meeting Purpose

- *Shared the baseline impacts of current and future climate conditions and demands on the San Diego water system (Task 2.3)*
- *Gathered stakeholder input on adaptation strategies that address baseline impacts (in support of Task 2.4)*

Portfolios

- Holistic Point of View
- Regional Self-Reliance
- Drought
- Healthy Headwaters
- Maximize Reuse

San Diego IRWM Climate Change Chapter- Vulnerabilities

Water Supply

Decrease in imported supply
Sensitivity due to higher drought potential
Decrease in groundwater supply
Lack of groundwater storage to buffer drought
Invasives can reduce supply available

Water Demand

Limited ability to meet summer demand
Crop demand would increase
Industrial demand would increase
Limited ability to conserve further

Water Quality

Decrease in recreational opportunity
Increase in treatment cost
Increased eutrophication
Increased constituent concentrations

Flooding

Increases in inland flooding

Increases in flash flooding and inundation
(extreme weather)

Increased risk to seismic events

Ecosystem/Habitat

Decrease in available necessary habitat
Decrease in ecosystem services
Increased impacts to coastal species
Decrease in environmental flows

Increase in wildfires

Fish population declines

Hydropower

Decrease in hydropower potential

Sea Level Rise

Decrease in land
Damage to ecosystem/habitat
Inundation of storm drains and sewer systems
Damage to coastal recreation

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San Diego Regional Storm Water Resource Plan

Ruth de la Rosa, County of San Diego

RAC Vote on SWRP Acceptance

Agenda

- Welcome and Introductions
- Proposition 50 Program Completion Report
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Draft Grant Program Policies

- San Diego IRWM Region has been awarded seven grants since 2008
- Grant Administration Program (GAP) has evolved as lessons are learned and new needs are identified
- Two draft policies have been developed to address known challenges and provide clarity to Project Sponsors:
 - Reallocation of Grant Funding
 - Grant Administration Funding
- Goal of today's discussion: Solicit guidance from RAC before RWMG finalizes the policies

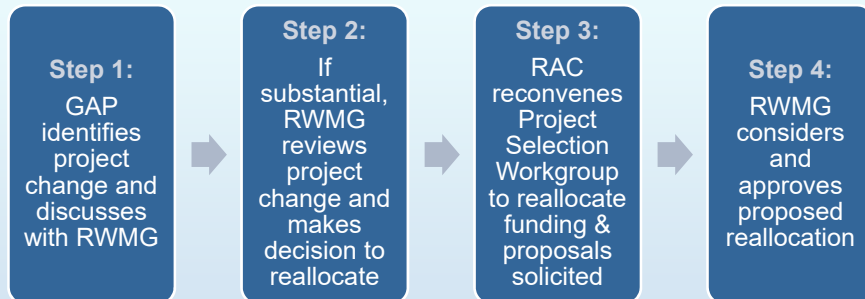
Reallocation of Grant Funding

- Context:
 - Projects often change from proposal to implementation
 - Occasionally, anticipated benefits are reduced, decreasing project value to Region and State
 - *Could change eligibility for grants and threaten compliance with grant requirements*
 - Need a policy to provide consistency, transparency and set expectations for accountability

Reallocation of Grant Funding

- Purpose:
 - Establish guidelines for addressing project changes that trigger consideration for grant funding reallocation
- Triggers for Consideration of Reallocation:
 - Project termination or withdrawal
 - Significant changes to project scope or benefits
- Policy:
 - When Grand Administration Program (GAP) decides trigger is met, initiating 5-step reallocation process

Reallocation of Grant Funding: Process



Example Project 1: Grant Reallocation

- Project in grant application: Construction of new tertiary treatment plant to serve 20 MGD recycled water
- Project revised after contracting: 3 MGD facility
 - 85% reduction in benefit (water treated/distributed)
 - Project sponsor expects to keep same grant award
- Triggers Step 1 of Process



Example Project 2: Grant Reallocation

- Project in grant application: Creek restoration project in rural DAC area
- Project revised before contract signed: New site in coastal urban community due to challenges in securing permissions
 - Removes DAC benefits of project
 - Project sponsor expects to keep same grant award
- Triggers Step 1 of Process



Example Project 3: Grant Reallocation

- Project in grant application: 3-mile recycled water pipeline to serve 25 AFY to a DAC
- Project revised after contract signed: New pipeline alignment selected to serve 24 AFY to a different, but similar DAC, with
 - Continues to serve a DAC with similar issues as original DAC
 - Project sponsor expects to keep same grant award
- Does not trigger Step 1 of Process
 - Provides same type of benefits at similar level

RAC Discussion of Draft Reallocation of Grant Funding Policy

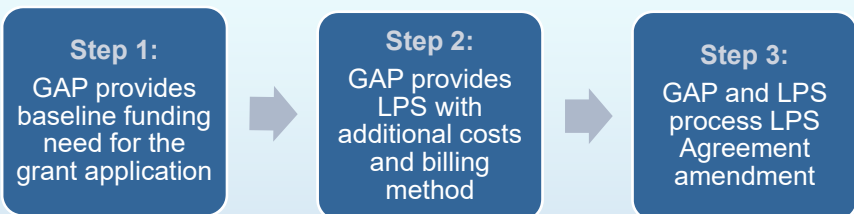
Grant Administration Funding

- Context:
 - GAP provides many services to LPS
 - GAP historically receives 3% of total grant award
 - *This often is insufficient to accomplish GAP's tasks – many grant administration costs are fixed regardless of the size of the award*
 - Project changes and program extensions increase GAP costs
 - Need a policy for consistency, transparency and to manage compliance through the entire grant period

Grant Administration Funding

- Purpose:
 - Establish guidelines for funding GAP
- Triggers for GAP Funding:
 - Inclusion in grant application
 - Grant contract extension by Project Sponsor(s)
- Policy:
 - Minimum of 3% and additional funding as needed:
 - Size and complexity of grant proposal package
 - Program extension
 - Post Program-Compliance Period
 - Standard rate will be applied for the proposed contract extension period

Grant Administration Funding: Process



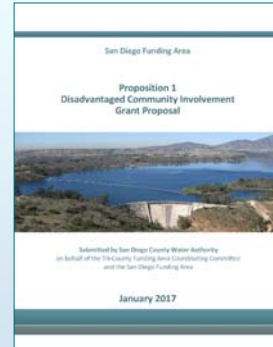
RAC Discussion of Draft Grant Administration Funding Policy

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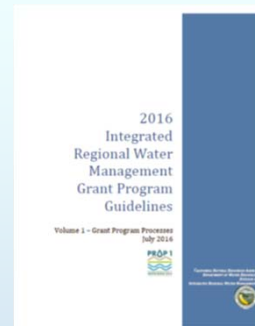
Current Status: DAC Planning Grant

- Draft Proposal submitted:
January 27, 2017
- Post-proposal meeting with DWR:
February 22, 2017
- Revised Proposal to be submitted:
early April 2017
- Next steps:
 - Grant award anticipated: May 2017
 - Grant contract anticipated: July 2017



Current Status: Prop 1 IRWM Planning Grant

- Update of 2013 San Diego IRWM Plan:
 - Updates per 2016 IRWM Guidelines, including new regulations
 - Development of a Stormwater Capture Feasibility Study (SWCFS)
 - Define Economically Distressed Areas (EDAs) and Underrepresented Communities (URCs)
- Update Kick-off: August 2017



Agenda

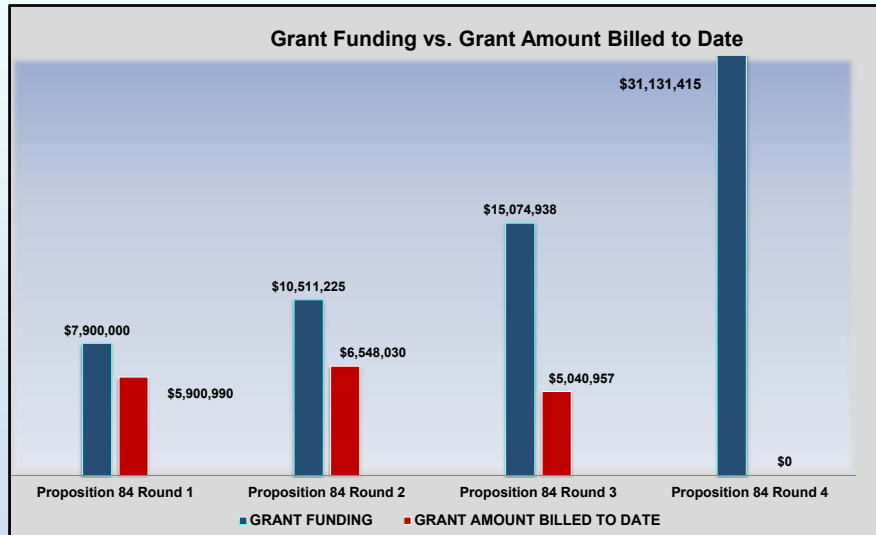
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Proposition 50 and 84 Implementation Grants

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	6	\$5.9M
Proposition 84, Round 2	2014	\$10.5M	7	3	\$6.5M
Proposition 84, Round 3	2014	\$15.1M	7	2	\$5.0M
Proposition 84, Round 4	2016	\$31.1M	13	0	\$0
*Total		\$89.6M	56	29	\$42.3M

*Excludes the IRWM Planning Grant Award and recently awarded Proposition 1 Plan Update

Proposition 84 Grants



Proposition 84 Implementation, Round 1

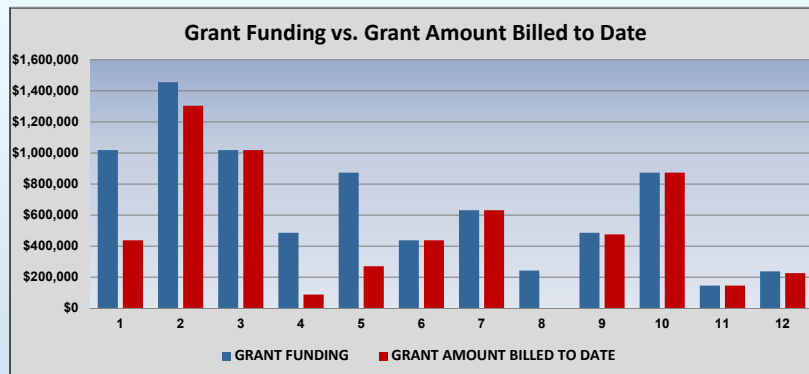
- Significant Milestones:
 - Sustainable Landscapes Program
 - Performed 86 pre-inspections and two post landscaping inspections
 - Rural Disadvantaged Community, Phase 1
 - Performed nitrate study and video monitoring
 - Implementing Nutrient Management Plan in SMA, Phase 1
 - Received completion report
 - Received amendments for project extensions
- Upcoming:
 - Commence water meters installation for the La Jolla Tribe Water Meter Installation project and complete Preliminary Engineering Study
 - Submit amendment for project extension

Proposition 84 Implementation, Round 1

San Diego Regional Water Quality Assessment and Outreach Project



Proposition 84 Implementation, Round 1



Total Costs Billed \$5.9M

Proposition 84 Implementation, Round 2

- Significant milestones:
 - Sustaining Healthy Tributaries to the Upper San Diego River
 - Performed amphibian monitoring, stream assessments and volunteer engagement
- Upcoming:
 - Sustaining Healthy Tributaries
 - Submit Education Plan, Hydromodification feasibility studies and stream assessments; and complete nurseries construction
 - Implementing Nutrient Management in Santa Margarita River, Phase II
 - Stakeholder meeting to discuss alternative TMDL next steps and state water quality policies

Proposition 84 Implementation, Round 2

Sustaining Healthy Tributaries to the Upper San Diego River

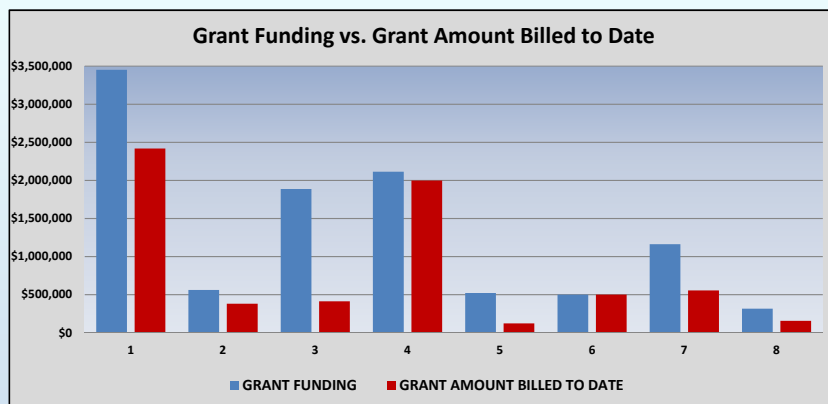


Proposition 84 Implementation, Round 2

Sustaining Healthy Tributaries to the Upper San Diego River



Proposition 84 Implementation, Round 2

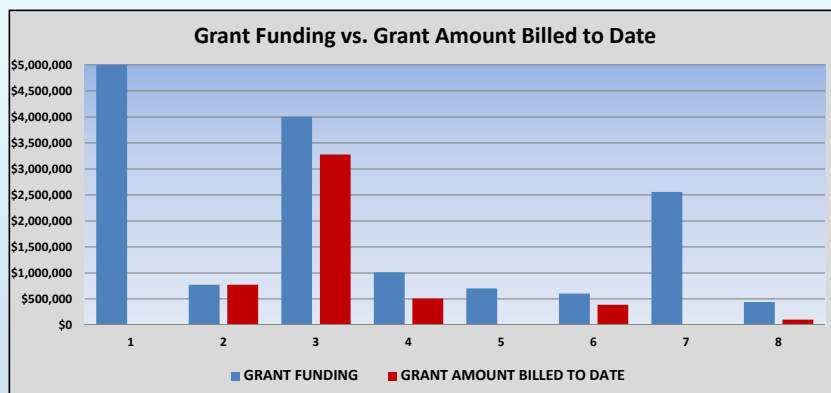


Total Costs Billed \$6.5M

Proposition 84 Implementation, Round 3

- Significant Milestones:
 - Fallbrook Nurseries
 - Received Completion Report
 - Regional Emergency Storage and Conveyance
 - Submitted MND and advertise RFP
- Upcoming
 - Reynolds Groundwater Desalination Facility Project
 - continue construction
 - Regional Emergency Storage and Conveyance
 - Certify MND and award Design/Build contract

Proposition 84 Implementation, Round 3



Total Costs Billed \$5.0M

Proposition 84 Implementation, Round 4

- Significant Milestones:
 - Made advance payments requests
 - Approved 5 of 12 LPS Grant Agreements
 - Received 5 project amendment requests
 - Held Webtool Refresher Training on March 14, 2017
- Upcoming:
 - First Progress Reporting and Invoice due April 17
 - Approval of Outstanding LPS Grant Agreements
 - Submittal of amendment requests to DWR

Proposition 1 Plan Update

- Significant Milestones:
 - Received grant award in February 2017
 - Submitted grant agreement conditional eligibility requirements
- Upcoming:
 - Process funding agreements with DWR and County of San Diego

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Public Comments

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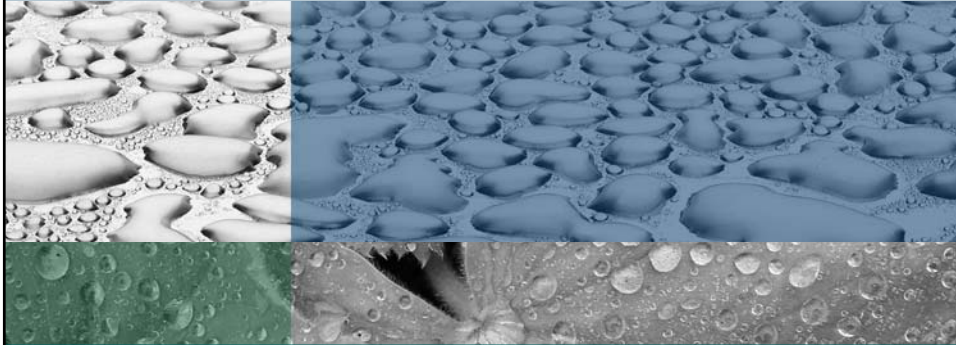
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2017 Meeting Schedule

- Next RAC Meeting: June 7, 2017
 - 2017 Meeting Schedule:
 - August 2
 - October 4
 - December 6
- Regular Meetings Held First Wednesday
of Every Other Month -**



*San Diego IRWM Program
RAC Meeting #6*



April 5, 2017