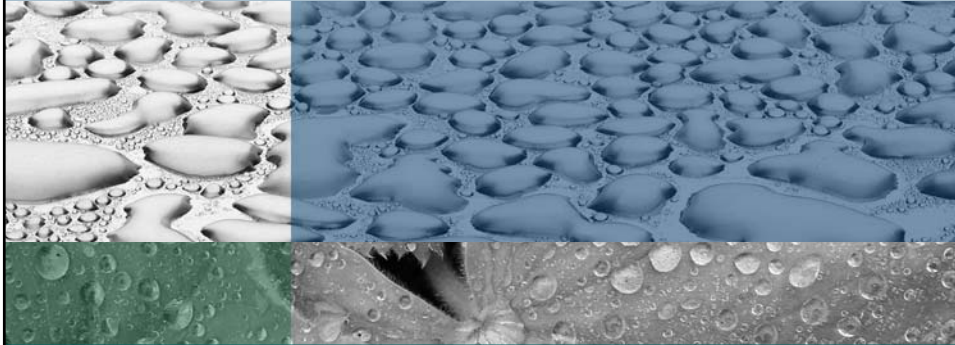


*Joint IRWM Plan Update
Workshop #5 &
San Diego IRWM Program
RAC Meeting #74*



June 6, 2018

Agenda

- Welcome and Introductions
- San Diego RWQCB Update
- Stormwater Capture & Use Feasibility Study Update
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- Grant Administration
- Public Comments
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San Diego Regional Water Quality Control Board Update

Laurie Walsh, San Diego Regional Water Quality Control Board

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Stormwater Capture & Use Feasibility Study Update

Stephanie Gaines, County of San Diego

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Statewide IRWM Updates

- Prop 1-Round 1 IRWM Grants:
 - Concept PSP out now!
 - Draft PSP in June 2018
 - Final PSP in Fall 2018
 - Funding Area Workshop in March 2019
 - Application due 6-8 weeks after workshop
 - Round 1 grant awards in mid-2019
- Prop 1-Round 2 begins in 2020

Prop 1 Statewide Priorities

- 1) Make conservation a California way of life
- 2) Increase regional self-reliance and integrated water management across all levels of government
- 3) Achieve the co-equal goals for the Delta
- 4) Protect and restore important ecosystems
- 5) Manage and prepare for dry periods
- 6) Expand water storage capacity and improve groundwater management
- 7) Provide safe water for all communities
- 8) Increase flood protection
- 9) Increase operational and regulatory efficiency
- 10) Identify sustainable and integrated financing opportunities

Overview of Concept PSP

- Funding Area Workshop with DWR
 - All regions in Funding Area to participate
 - Overview of proposed projects and discussion with DWR about critical needs and project eligibility
 - All deadlines tier off the workshop date
- Projects must meet a “critical need” – defined as meeting IRWM Plan Goals or Objectives
- CEQA and permits must be completed prior to execution of the grant agreement

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Work Plan & Schedule

Aug 2018	Public Draft – Phase 1
Nov 2018	Final IRWM Plan – Phase 1
Dec 2018	IRWM Plan – Phase 1 Adoption
Dec 2018	Final SWCFS & DAC Needs Assessment
Jan 2019	Public Draft – Phase 2
May 2019	Final IRWM Plan – Phase 2
July 2019	IRWM Plan – Phase 2 Adoption
Feb 2020	DAC Water Stories

RAC Input (tentative)

- ✓ Oct 2017 Technical Dev. Areas, Example Projects, Data Needs
- ✓ Dec 2017 DAC Definitions, Regional Water Supply Security
- ✓ Feb 2018 Plan Objectives, Scoring Criteria
- ✓ Apr 2018 Region Description, Data & Technical Analysis
- ✓ Jun 2018 Climate Change, Implementation Actions
- Aug 2018 Draft IRWM Plan – Phase 1
- Oct 2018 Comments/Responses on Draft IRWM Plan – Phase 1
- Dec 2018 Final SWCFS, Final Regional DAC Needs Assessment, Imp. Actions
- Feb 2019 Draft IRWM Plan – Phase 2
- Apr 2019 Comments/Responses on Draft IRWM Plan – Phase 2

Climate Change in the San Diego Region

Megan Jennings, San Diego State University
David Pierce, Scripps Institution of Oceanography
Laura Engeman, Scripps Center for Climate Change
Impacts and Adaptation

Climate Change in IRWM Plan

- Resiliency to climate change added as new IRWM Goal
 - Climate change framework added to 2019 IRWM Plan
 - Scoring criteria updated to incorporate climate change framework
- Improved understanding of climate change incorporated into *Chapter 7 Regional Coordination*
- Climate Change Planning Study completed in 2012, including a vulnerability assessment
 - RMS evaluated for potential ability to address vulnerabilities

Discussion: Should the status of any of the vulnerabilities change?

Implementation Actions

- Implementation Action from 2013 Plan:
 - C-1: Encourage consideration of DWR's *Climate Change Handbook* recommendations on developing adaptive management plans:
 - 1) Identify risk triggers
 - 2) Quantify impacts and uncertainties
 - 3) Evaluate strategies and define flexible implementation paths
 - 4) Monitor performance and critical variables
 - 5) Implement or reevaluate strategies when triggers are reached

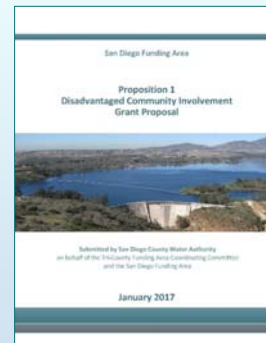
*Discussion: What actions should we include in 2019 Plan?
Anyone willing to be champion? Any priority for funding?*

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Status: Water Needs Assessment

- Schedule:
 - DAC Outreach and Presentations – April – September 2018
 - Draft Water Needs Assessment – December 2018
 - Final Water Need Assessment – April 2019
- Next steps:
 - Schedule outreach/presentations through NGO partners



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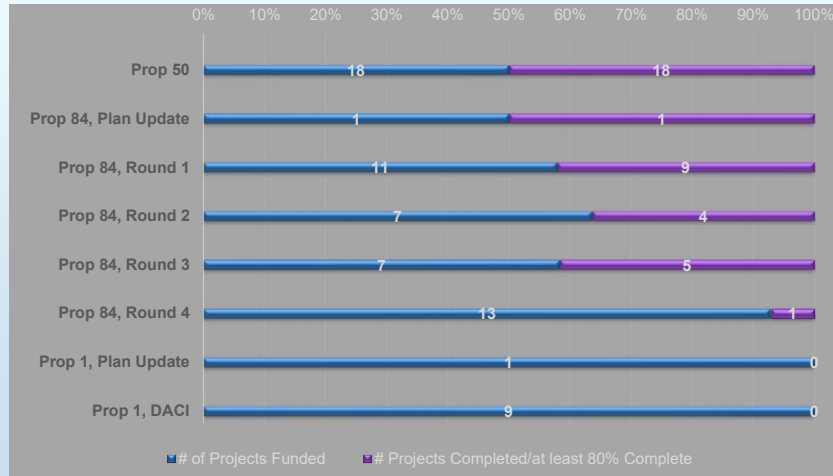
IRWM Grant Program

Grant Funding Summary

Funding Source	Grant Award (\$)	# of Projects Funded	# Projects Completed/ at least 80% Complete	Grant Billed to DWR (\$)
Proposition 50	\$25.0M	18	18	\$24.9M
Proposition 84, Plan Update	\$1.0M	1	1	\$1.0M
Proposition 84, Round 1	\$7.9M	11	9	\$6.7M
Proposition 84, Round 2	\$10.5M	7	4	\$7.6M
Proposition 84, Round 3	\$15.1M	7	5	\$11.0M
Proposition 84, Round 4	\$31.1M	13	1	\$2.8M
Proposition 1, Plan Update	\$250K	1	0	\$0
Proposition 1, DACI	\$5.5M	9	0	\$1.6
Total	\$96.4M	67	38	\$55.6M

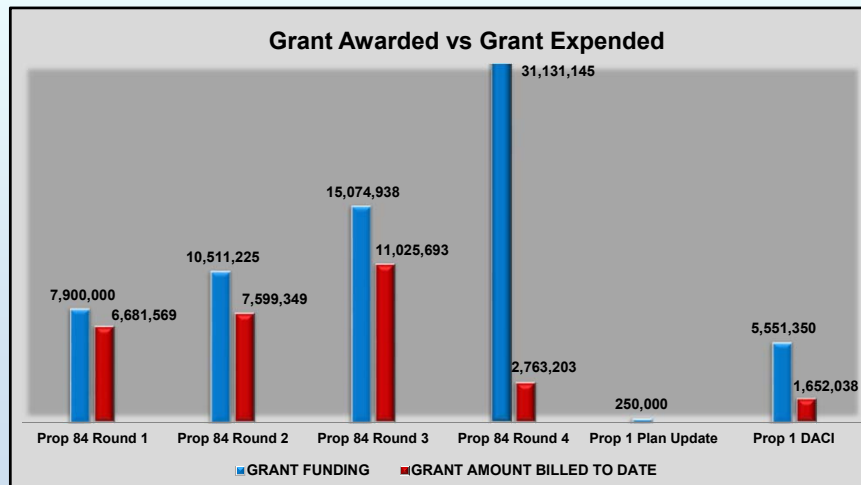
IRWM Grant Program

Project Completion Status per Funding Round



Propositions 84 and 1 Grants (Active Grants)

Grant Awarded vs Grant Expended



PROPOSITION 84 IMPLEMENTATION, ROUND 1



Propositions 84 Implementation, Round 1

Project 1 – Sustainable Landscape Programs

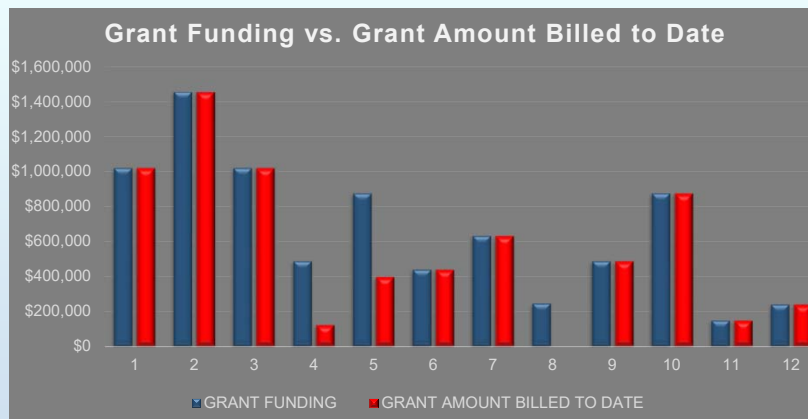


Propositions 84 Implementation, Round 1

Project 1 - Sustainable Landscape Programs



Propositions 84 Implementation, Round 1



Total Costs Billed \$6.8M

PROPOSITION 84 IMPLEMENTATION, ROUND 2

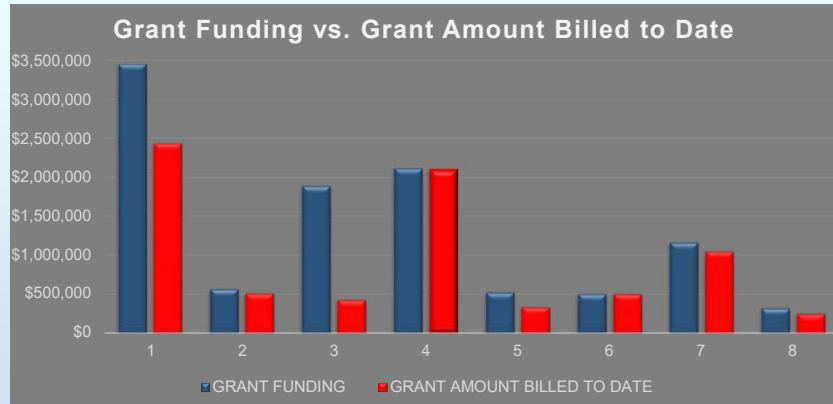


Propositions 84 Implementation, Round 2

Project 5 - Sustaining Healthy Tributaries to the Upper San Diego River



Propositions 84 Implementation, Round 2



Total Costs Billed \$7.6M

PROPOSITION 84 IMPLEMENTATION, ROUND 3

Propositions 84 Implementation, Round 3

Project 4 – Regional Demand Management Program Expansion

The screenshot displays the website for the WaterSmart Landscape Makeover Program. The header includes navigation links for HOME, ABOUT, and CONTACT US, along with social media icons for Facebook, Twitter, and YouTube. The main navigation bar features the WaterSmart logo, the San Diego County Water Authority name, and the program title. Below this, there are links for FOUR-CLASS SERIES, 3-HOUR DESIGN WORKSHOP, VIDEOS ON DEMAND, and EVENTS AND RESOURCES. The main content area shows a photograph of a well-maintained garden with a white wall and a tree. A teal banner over the image reads "Spend Less on Water and More on Life". Below the image, a paragraph states: "The WaterSmart Landscape Makeover Program classes and events offer a great opportunity to create a garden that loves San Diego as much as you do." In the bottom left corner, there is a logo for "San Diego Integrated Regional Water Management". The page number "33" is located in the bottom right corner.

Propositions 84 Implementation, Round 3

Project 4 – Regional Demand Management Program Expansion

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Propositions 84 Implementation, Round 3

Project 4 – Regional Demand Management Program Expansion

Propositions 84 Implementation, Round 3

Project 5 – San Diego Water Use Reduction Program

PRESSURE REDUCING VALVE rebates up to **\$2,000** available now.

City of San Diego residential water customers served by an individual water meter may be eligible to receive a rebate up to \$2,000 per property. The rebate covers the cost of a new indoor pressure reducing valve and is intended for properties that currently have a static pressure equal or greater than 80 psi (pounds per square inch) and cannot be adjusted downward.

For eligibility terms and program guidelines, visit waterwaster.org or call 619-533-4126

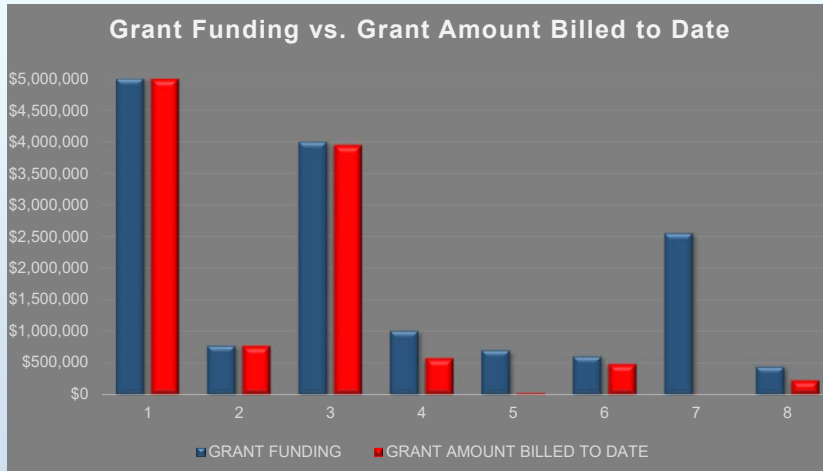
THE CITY OF SAN DIEGO PRESSURE REDUCING VALVE REBATE PROGRAM IS FINANCED UNDER THE SAFE DRINKING WATER, WATER QUALITY AND SUPPLY, BLOOD CONTROL, RIVER AND COASTAL PROTECTION BOND ACT OF 2006 (Proposition 84)

PRV Size	Rebate Amount (up to)
1" or less	\$100
2" or less	\$300
3" or less	\$1,500
4" or less	\$2,000

ADMINISTERED BY CALIFORNIA STATE DEPARTMENT OF WATER RESOURCES

The City of **SAN DIEGO**

Propositions 84 Implementation, Round 3



Total Costs Billed \$11M

PROPOSITION 84 IMPLEMENTATION, ROUND 4

Propositions 84 Implementation, Round 4

Project 1 – Regional Drought Resiliency Program




Qualified Water Efficient Landscaper Professional Training

"We experience increased confidence and proficiency from our QWEL trained technicians. QWEL fits our emphasis on training in the field and the classroom."
—Tom Heasland, President, Heasland Landscape Management

QWEL is a proactive, localized certificate program designed to significantly increase water management skill and knowledge. The 20-hour course includes irrigation system and landscape design principles, soils, plants, water budgeting and more.

- Using technology and equipment to optimize efficiency.
- Irrigation system troubleshooting and controller scheduling.
- Learns from some of the region's most qualified and experienced irrigation and horticulture instructors.
- More than 100 local contractors and organizations are making QWEL a training priority.
- Qualifies for CEUs.
- Courses in English and Spanish.
- Currently offered FREE to landscape professionals.
- QWEL is a WaterSense® labeled Professional Certification Program. Graduates may choose to be included in the Directory of Certified Professionals.

Contact us: qwel@wsmarketing.com | 760.944.1509

qwel.watersmartsd.org




Qualified Water Efficient Landscaper Training

REGISTER NOW

The Qualified Water Efficient Landscaper (QWEL) program provides a proactive, localized approach to reducing landscape water demand. In San Diego County, the program is currently offered FREE to landscape professionals.

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Propositions 84 Implementation, Round 4

Project 3 – San Diego Water Conservation Program





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Propositions 84 Implementation, Round 4

Project 4 – Ms. Smarty-Plants Grows Water-Wise Communities

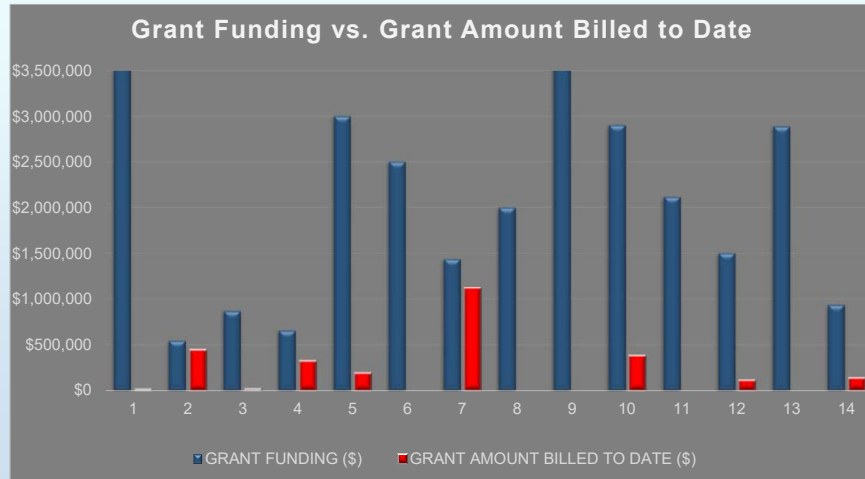


Propositions 84 Implementation, Round 4

Project 4 – Ms. Smarty-Plants Grows Water-Wise Communities



Propositions 84 Implementation, Round 4



Total Costs Billed \$2.7M

PROPOSITION 1, PLAN UPDATE

Proposition 1 Plan Update

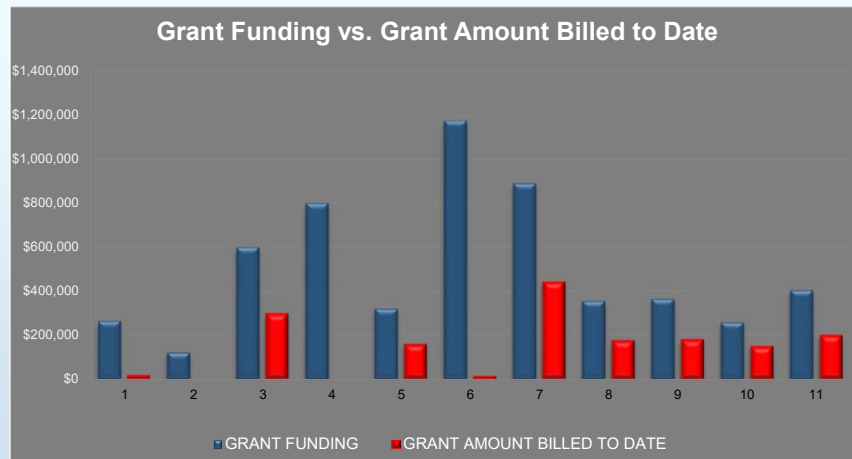
- Significant Milestones:
 - Incorporated DAC, EDA and EJ Definitions into the draft plan
 - Prepared Draft Governance and Stakeholder Involvement and Project Evaluation chapters
 - Held kick-off meetings with NGO partners in support of DAC Needs Assessment task
 - Funding match reported to-date \$251K

PROPOSITION 1, DISADVANTAGED COMMUNITY INVOLVEMENT (DACI)

Proposition 1 DACI

- Significant Milestones:
 - Approved outstanding LPS agreement
 - Worked on planning and DAC outreach tasks
 - March 2018- Advance payment request for \$1.4M and invoice reimbursement for \$176K
 - End of June 2018 – Estimated receipt of advance payment

Proposition 1 DACI



Total Costs Billed \$1.6M
\$1.5M in advance funding

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Public Comments

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Current Funding Opportunities

Project Types	Deadline	Website
SWRCB Groundwater Sustainability		
<u>Category 1:</u> Groundwater sustainability for Severe DACs	Round 2 solicitation opens April 2018	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/groundwater_sustainability.shtml
<u>Category 2:</u> GSP planning and development		
USBR Title XVI / Water Infrastructure for Improvements to the Nation (WIIN) Grant		
Water reuse/reclamation projects with an USBR-approved Title XVI Feasibility Study	Spring/Summer 2018 (anticipated)	https://www.usbr.gov/watersmart/title/
USBR WaterSMART Grants		
Small-Scale Water Efficiency Projects	July 31, 2018	https://www.grants.gov/web/grants/view-opportunity.html?oppld=301905
Water Marketing Strategy Grants	July 17, 2018	https://www.grants.gov/web/grants/view-opportunity.html?oppld=301914
State Coastal Conservancy Climate Ready Grants		
Multi-benefit climate adaptation projects using natural systems	July 2, 2018	http://scc.ca.gov/climate-change/climate-ready-program/

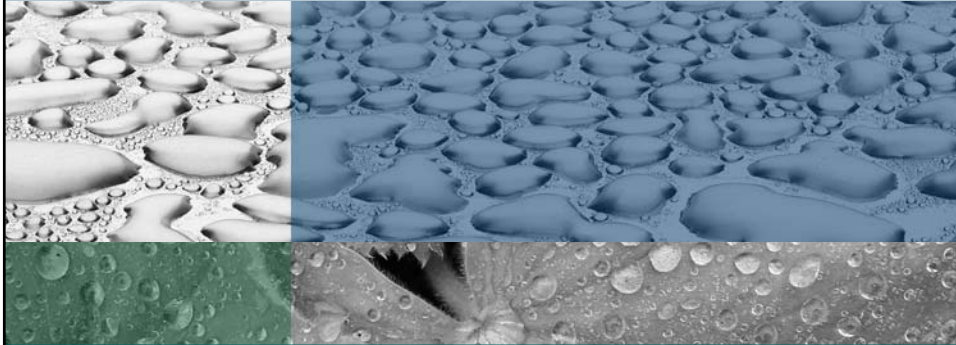
Current Funding Opportunities, cont.

Project Types	Deadline	Website
CDFW Prop 1 Watershed Restoration Program		
Water quality, river, and watershed protection and restoration projects outside the Delta	June 13, 2018	https://wildlife.ca.gov/Conservation/Watersheds/Restoration-Grants
SWRCB Prop 1 Storm Water Grant Program		
Stormwater Grant Program	December 2018 (anticipated)	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/

2018 Meeting Schedule

- Next RAC Meeting: August 1, 2018
 - 2018 Meeting Schedule:
 - October 3
 - December 5
- Regular Meetings Held First Wednesday of Every Other Month -**

*Joint IRWM Plan Update
Workshop #4 &
San Diego IRWM Program
RAC Meeting #73*



June 6, 2018