

San Diego IRWM Program RAC Meeting #88

December 2, 2020

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Agenda

- Meeting Logistics
- Welcome and Introductions
- RAC Membership
- Diversity and Inclusion
- SGMA in the San Diego Region
- Grants 101
- Grant Administration
- Public Comments
- Summary and Next Steps

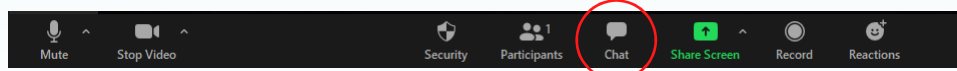
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San Diego IRWM Program RAC Meeting #88

December 2, 2020

All attendees: Please enter your full name and organization into the **chat**



For any technical difficulties, contact: Nicole Poletto, 858-875-7405

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Virtual Meeting Process

- Please remain on mute until called on – do not put meeting on hold
- Use the chat feature to ask questions or notify moderator if you want to speak



- To unmute when called on, click on the microphone icon



- To unmute if you're on the phone, press *6
- If you can't find the chat feature, email questions or comments to sdirwm@woodardcurran.com

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RAC Membership – 2017-2020 Term Turnover

- Purpose: Facilitate broader stakeholder participation and ensure that all stakeholders have an equal opportunity to serve on the RAC
- Method: Rotate ~half of RAC members every second year

15 applications were received



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Existing RAC Member Structure

13 Open Seats (shown in red – see handout for details)

- Regional Water Management Group (3)
- Water Supply (5)
 - Retail (North County – Inland)
 - Retail (North County – Coastal)
 - Retail (East County)
 - Retail (South County)
 - Retail (At Large)
- Water Quality (6)
 - Stormwater (North County)
 - Stormwater (South/East County)
 - Water Quality (NGO)
 - Water Quality (NGO)
 - Wastewater/RW (Metro JPA)
 - Wastewater/RW (Non-Metro JPA)
- Tribal (3)
 - Northern IRWM Region
 - Central IRWM Region
 - Southern IRWM Region
- DAC/Environmental Justice (2)
 - Urban DAC
 - Rural DAC
- Natural Resources & Watersheds (5)
 - Water Conservation (NGO)
 - Protection and Restoration (NGO)
 - Protection and Restoration (NGO)
 - Recreation
 - Coastal Ecosystems
- Other (7)
 - Flood Management
 - Business Community
 - Agriculture
 - Land Use Planning
 - At Large
 - At Large
 - Climate

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Thank You RAC Member Selection Workgroup!

- RAC-nominated Workgroup reviewed applications and recommended applicants for the 2021-2024 term.
- Thank you, Workgroup members!
 - Rania Amen
 - Patrick McDonough
 - Phil Pryde
 - Eric La Chappa
 - Jennifer Hazard
 - Mark Seits
 - Mark Stadler
 - Stephanie Gaines
 - Karina Danek



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Welcome 2021-2024 RAC Members

- **Erick Del Bosque**, Sweetwater Authority
- **Kim Thorner**, Olivenhain Municipal Water District
- **Justin Gamble**, City of Oceanside
- **David Walker**, San Diego Audubon Society
- **Beth Gentry**, City of Chula Vista
- **Brook Sarson**, San Diego Sustainable Living Institute
- **Sandra Jacobson**, California Trout
- **Julia Chunn-Heer**, Surfrider
- **Kimberly O'Connell**, UCSD Clean Water
- **Oscar Romo**, Alter Terra
- **Anne Middleton**, ECOLIFE Conservation
- **Charlie de la Rosa**, San Diego Zoo Global
- **Anne Bamford**, American Water Works Association CA/NV Section

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Thank You for Your Service

- **Ron Mosher**
- **Jonathan Witt** and **Bob Mueller**
- **Yazmin Arellano**
- **Joel San Juan** and **Janice Reynoso**
- **Lance Andersen** and **Courtney Provo**
- **Sarah Pierce** and **Katie Hentrich**
- **Robyn Badger** and **Kelly Craig**

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New Voting Seat Concepts



- RWMG intends to add a new voting seat in 2021
- October RAC meeting discussed seats focused on:
 - Wildfire
 - Climate Change
- Any other topics the RWMG should consider?

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Racial Equity: Diversity and Inclusion in SDIRWM

- Introduced at October RAC Meeting

Equity in:



Geography of
funded projects



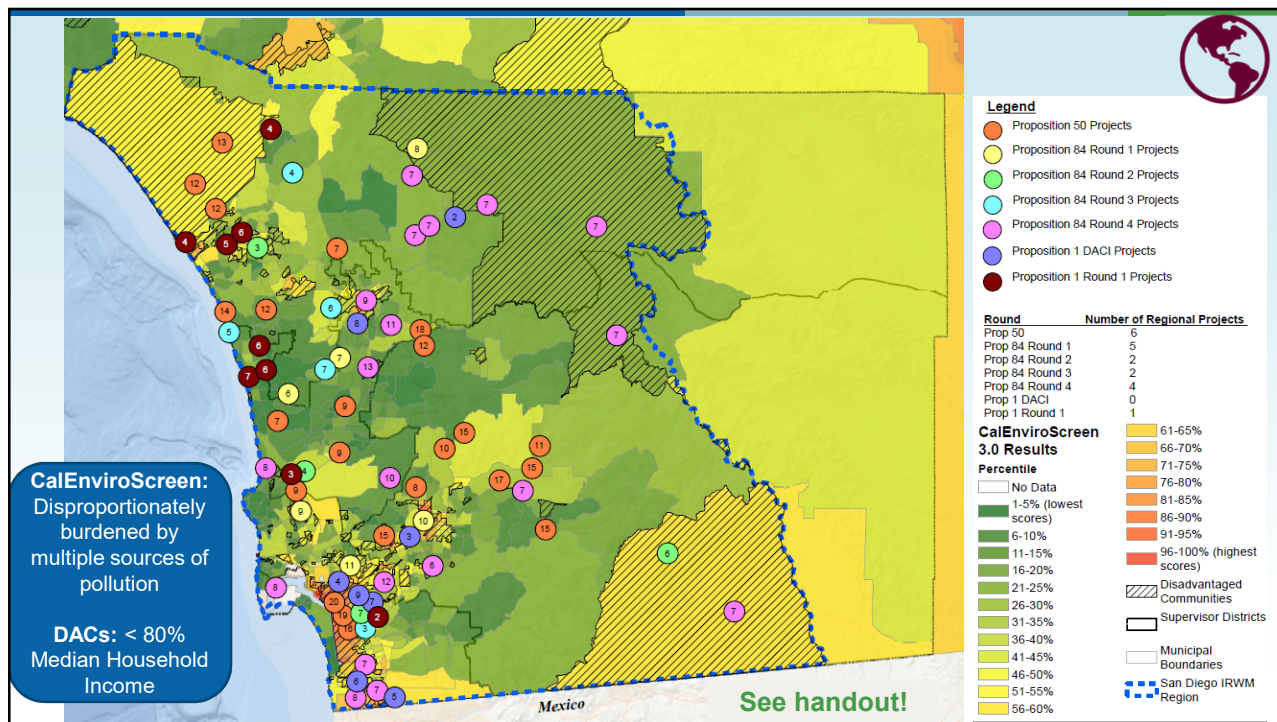
Grant funding



Representation
on the RAC


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Grant Funding for URC Projects

 **19** Underrepresented community projects*
26% of total projects

 **\$15 M** to Underrepresented communities
16% of all available project funding

Prop 50

- 2/19 projects


Prop 84:

- R1 – 3/11 projects
- R2 – 2/7 projects
- R4 – 3/13 projects

Prop 1:

- DACI – 8/8 projects
- R1 – 1/7 projects

16 *Does not include the 20 regional projects. Some non-URC projects may benefit URCs within the project area



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Grant Funded URC Projects



Prop 50

1. San Diego Pollution Prevention
2. Chollas Creek Runoff Reduction and Groundwater Recharge Project

Prop 1 – DACI

1. Groundwater Planning for Pauma Valley DACs and Tribes
2. Healthy Water for Forester Creek DACs
3. Alternative Non-Potable Water Supplies, Xeriscape Design
4. Sediment Management for Tijuana River Valley DACs
5. Storm Water Quality for Grape Day Park DACs
6. Storm Water Quality for Paradise Valley DACs
7. Storm Water Quality for Escondido Creek DACs
8. Storm Water Quality for Chollas Creek DACs

Prop 1 - Round 1

1. Paradise Valley Creek Water Quality and Community Enhancement

Prop 84 – Round 1

1. Rural Disadvantaged Community Partnership Project
 - *La Jolla Potable Water Pipeline Replacement Project - La Jolla Band of Luiseno Indians*
 - *Quiet Oaks Engineering Design Project - Quiet Oaks Mobile Park*
2. San Diego Regional Water Quality Assessment & Outreach Project
3. Chollas Creek Integration Project - Phase 1

Prop 84 – Round 2

1. Rural Disadvantaged Community Partnership Program - Phase II
 - *San Pasqual Water Reclamation Project*
 - *San Pasqual Duro Water Tank Project*
 - *Rancho Estates Mutual Water Company System Upgrades Project*
2. Chollas Creek Integration Project - Phase II

Prop 84 – Round 4

1. Conservation Home Makeover in the Chollas Creek Watershed
2. Ms. Smarty-Plants Grows Water-Wise Communities
3. Rural Disadvantaged Community Partnership Program - Phase III
 - *San Pasqual Tribe Reclaimed Water Expansion on the San Pasqual Reservation*
 - *San Pasqual Water Meters on the San Pasqual Reservation Water*
 - *La Jolla Tribe Water Tank on the La Jolla Indian Reservation*
 - *Quiet Oaks Mobile Home Park Nitrate Treatment in Warner Springs*
 - *Smuggler's Gulch Floating Trash Booms in the Tijuana River Valley*
 - *Heart Pond/Otay River Restoration project at the Heart Pond and Otay Valley Regional Park*
 - *Lake Morena Views Mutual Water Company well, storage tanks and Nitrate Treatment in Campo*

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Diversity of RAC Members

64 Organizations have Participated as Voting Members Past and Present



- Alter Terra
- **American Water Works Association CANV Section**
- Buena Vista Lagoon Foundation
- Building Industry Association
- California Coastal Conservancy
- California Landscape Contractors Association
- California Trout
- City of Chula Vista
- City of El Cajon
- City of Encinitas
- City of Imperial Beach
- City of Oceanside
- City of San Diego
- County of San Diego
- **ECOLIFE Conservation**
- Escondido Creek Conservancy
- Farm Bureau of San Diego County
- Floodplain Management Association
- Groundwork San Diego-Chollas Creek
- Helix Water District
- Industrial Environment Association
- Jamul Indian Village of California
- La Jolla Band of Luiseno Indians
- La Posta Band of Mission Indians
- Lakeside River Park Conservancy
- Mission Resource Conservation District
- Mundo Gardens
- Olivenhain Municipal Water District
- Otay Water District / Metro Joint Powers Authority
- Padre Dam Municipal Water District
- Planning & Engineering for Sustainability
- Rincon del Diablo Municipal Water District
- Rural Community Assistance Corporation
- San Diego Association of Governments
- **San Diego Audubon Society**
- San Diego Coastkeeper
- San Diego County Board of Education
- San Diego County Water Authority
- San Diego Regional Chamber of Commerce
- San Diego Regional Climate Collaborative
- San Diego River Park Foundation
- San Diego Sustainable Living Institute
- San Diego Zoo Global
- San Dieguito River Valley Conservancy
- San Elijo Joint Powers Authority
- San Elijo Lagoon Conservancy
- San Pasqual Band of Mission Indians
- SANDAG
- Santa Fe Irrigation District
- Scripps Institution of Oceanography
- SDSU Center for Regional Sustainability
- SDSU Department of Geography
- **Surfrider**
- Sweetwater Authority
- The Nature Conservancy
- UCSD Clean Water Utility
- University of California Cooperative Extension
- Yuima Municipal Water District

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Racial Equity: Diversity and Inclusion in SDIRWM

- In October, we asked you to think about:
 - What does diversity and inclusion – in relation to SDIRWM – mean to you?
 - How can our Region promote equitable outcomes?



*Continue our
discussion in
Breakout Rooms*

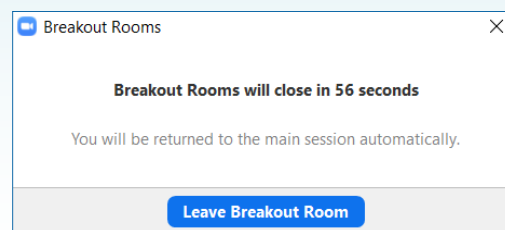
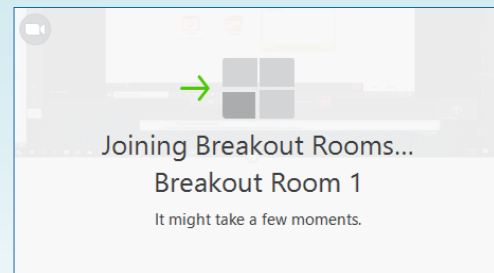
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Breakout Rooms

- You will be assigned a breakout room with a facilitator
 - Approx. 20 minutes in breakout rooms
- Please be patient – it may take a few seconds to join the room
- You will receive a 1-minute warning prior to the end of the breakout sessions
 - You will be automatically returned to main meeting room
- If you lose your connection:
 - Rejoin the main meeting!
 - Message **Nicole Poletto** with the name of your facilitator and you will be added to the correct breakout room



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Key Takeaways

See link in the chat!

Go to www.menti.com and use the code 71 66 49 7

What is your key takeaway from the breakout room discussion?

Mentimeter

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Go to www.menti.com and use the code 71 66 49 7

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Follow up- Survey



- An anonymous survey with today's discussion questions will be distributed via email following the meeting.
 - Access the survey here: <https://forms.gle/RxM4NEh6UWQ2nk7bA>
 - Please complete by **Friday, December 4th**
- For follow-up questions or discussion, please contact Mark Stadler.

Mark Stadler
IRWM Program Manager
mstadler@sdewa.org
858-522-6735

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San Pasqual Valley GSA

Sandra Carlson, City of San Diego

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Upper San Luis Rey GSA

Amy Reeh, Yuima Municipal Water District

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URC Working Sessions

- In November and December 2020, SDIRWM will host up to 7 working sessions with URCs
- *The following slides have been adapted from these sessions*

Working Session Purpose

1. Discuss IRWM Grant Program and other funding programs
2. Help you make your project more competitive



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Funding Program Overview

Search others on CA State Grants portal
<https://www.grants.ca.gov/>

Project Types	Type	Agency	Deadline
★ IRWM Grant Program	Grant	DWR	~Fall 2021
Prop 1 Technical Assistance Funding Program	Grant	SWRCB	Open: rolling
Clean Water State Revolving Fund	Grant or Loan	SWRCB	Open: rolling
Drinking Water State Revolving Fund	Grant or Loan	SWRCB	Open: rolling
Safe and Affordable Funding for Equity and Resilience (SAFER)	Grant	SWRCB	Open: rolling
2021 Nonpoint Source Grant Program	Grant	SWRCB	December 17
Water and Waste Disposal Loan & Grant Program	Grant or Loan	USDA	Open: rolling
Hazard Mitigation Grant Assistance	Grant	Cal OES	Variable
Clean Drinking Water Well Replacement	Grant	RCAC/ SWRCB	Open: rolling

See handout!

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IRWM Funding: Proposition 1, Round 2



~\$16M available to the San Diego IRWM Region for implementation projects



Proposal Solicitation Package (PSP) expected by **end of 2021** from Department of Water Resources



Grant awards expected in **Summer/Fall 2022**

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Grants Lifecycle



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Establishing Scope and Purpose of Project

1

Identify the Issue

What is the problem you are trying to address?

2

Define your Objectives

What do you want to accomplish?

3

Identify Actions

What do you need to do to achieve objectives?

4

Quantify Benefits

How will you measure success (physical benefits)?

5

Create Project Details

What is your detailed budget and schedule?

6

Package Project

How can you package project to best meet grant rules and priorities?

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Existing SDIRWM Resources: Online Project Tracking and Integration (OPTI) Project Database

<http://www.sdirwmp.org/>

The screenshot shows the homepage of the San Diego Integrated Regional Water Management Planning website. The URL in the browser is www.sdirwmp.org. The page features a navigation menu with the following items: Home, About Us, IRWM Planning, Grants & Agreements, How Do I Get Involved?, Resources, Project Database, WaterGIS, and Contact Us. The 'Project Database' link is highlighted with a red box and a red arrow pointing to it. Below the navigation menu, there is a 'Home' section with a brief description of the IRWM initiative and a 'News & Announcements' section with a link to 'Review new policies on grant funding administration and grant funding reallocation here'.

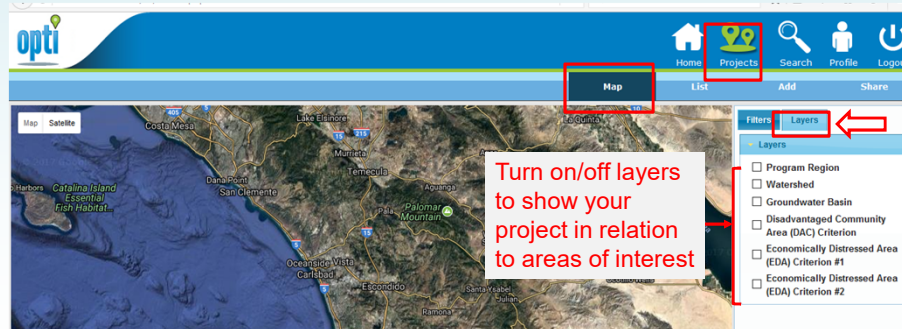
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OPTI Resources

- You don't need **GIS** on your computer! OPTI has maps to help with project location, DAC status, groundwater basins, and watersheds
- Descriptions of **previously funded projects** are available on the website in addition to examples of project budgets and schedules.



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<http://www.sdirwmp.org/>

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WaterGIS Data Download

<http://www.sdirwmp.org/>

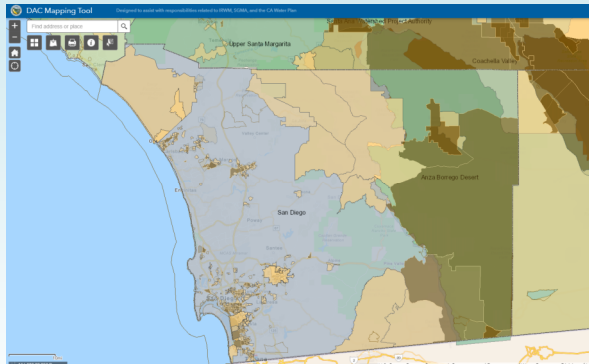


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Additional Mapping Tools and Resources

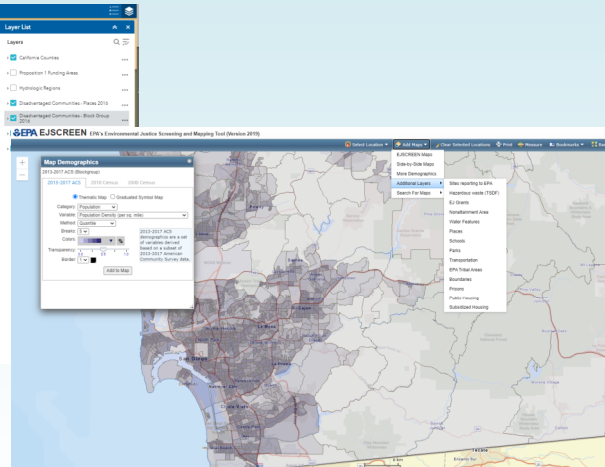


DWR DAC and EDA Mapping Tool

<https://gis.water.ca.gov/app/dacs/>

<https://gis.water.ca.gov/app/edas/>

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EPA EJ Screen Tool

<https://ejscreen.epa.gov/mapper/>



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Review Past Successful Applications

- The Final SDIRWM grant applications for each round of funding are available on our website (local submissions in OPTI)
 - Compare benefits calculations for similar projects



Grant Opportunities

Currently all IRWM funding opportunities are closed. To stay informed about potential grant opportunities through the IRWM Program, check the SDIRWM website regularly, attend a RAC meeting (dates for 2020 posted [here](#)), or join the San Diego IRWM Program mailing list by e-mailing Sally Johnson (sjohnson@woodardcurran.com).

Projects can be submitted to the database at any time: [OPTI Database](#); [OPTI Quick Start Guide](#)

For technical questions : <https://sdirwmp.org/grant-opportunities>
 For any additional quest

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Prepare for Upcoming Opportunities



- Track grant opportunities
- Review materials before application opens
- Talk to the funding entity
 - Point of contact may be able to resolve application questions
 - Attend workshops
- For the SDIRWM Program:
 - Establish a partnership
 - Add community engagement to project

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Prepare for Upcoming Opportunities



- Materials to prepare in advance:
 - Feasibility study or preliminary design
 - Updated itemized project budget
 - Schedule (planning and construction)
 - Insurance documents
 - Strategy for CEQA and permits
- Ensure project is listed in an existing plan, if required

Item	Description	Quantity	Unit	Unit Price	Cost
Direct Project Administration					
1	Project Management	1	LS	\$172,000	\$172,000
Environmental Review & Permitting					
2	CEQA Screening Service	1	LS	\$100,000	\$100,000
3	City DSD Review Coordination and Fees	1	LS	\$80,000	\$80,000
4	Biopack Services	1	LS	\$200,000	\$200,000
Final Design, Drawings and Specifications					
5	Geotechnical Investigations (includes construction)	1	LS	\$90,000	\$90,000
6	Final Hydraulic Modeling and Sediment Transport Modeling	1	LS	\$60,000	\$60,000
7	Final Civil Engineering Plans, Grading, Permit, As-Built	1	LS	\$100,000	\$100,000
8	Quantity Take-Off	1	LS	\$50,000	\$50,000
9	Update PIMA Maps	1	LS	\$50,000	\$50,000
10	Final Architectural, Title and Irrigation Design and Drawings	1	LS	\$90,000	\$90,000
11	Finalize Permitting	1	LS	\$90,000	\$90,000
Construction					
Construction Management					
12	Survey Construction Staking	1	WS	\$19,000	\$19,000
13	Construction Management and Observation	3	MS	\$16,000	\$48,000
Construction Costs					
14	Installation - Construction	1	LS	\$10,000	\$10,000
15	Erosion Control Measures	1	LS	\$15,000	\$15,000
16	On-Site Materials Testing	1	LS	\$12,000	\$12,000
17	Traffic Control, Pavement Repair	1	LS	\$13,000	\$13,000
18	Demolition of concrete channel (out rock)	1	LS	\$75,000	\$75,000
19	Grading, Earthwork	18,000	CY	\$38	\$684,000
20	Concrete Retaining Wall, South Side	1,000	LF	\$90	\$90,000
21	Concrete Channel Transition at West End	0	LF	\$0	\$0
22	Nature Rock over structure + 12 ton rock (2 EA)	200	Tons	\$40	\$8,000
23	Rock Energy Dissipator Along at East End (1 and 1/2 ton rock)	1,000	Tons	\$90	\$90,000
24	Concrete Rock channel bottom, 18" Rock x 2' R.P. Rock	3,000	Tons	\$190	\$570,000
25	Stone Riprap and Irrigation	13,000	CF	\$4.50	\$58,500
26	Banking, grading	6,000	CF	\$1.80	\$10,800
27	Trap - PIMA O&M	10,000	CF	\$2.50	\$25,000
28	Construction of Channel (2'x3' pipes)	10	LF	\$40	\$400
29	Final Utility Reconnection	0	LS	\$0	\$0
30	Final Inspection	1	LS	\$4,000	\$4,000
31	Finalize Permitting	0	LS	\$0	\$0
Post Construction Maintenance					
32	Remove Invasive Plants, to 200'	3	MS	\$4,800	\$14,400
TOTAL PROJECT ESTIMATED COST					
					\$1,987,200

NOTES
 Shorter project from 2,000 LF to about 1,200 LF.
 Upstream - project that unchanged, at existing box culvert.
 Downstream - project ends before existing bridge and sewer lines.
 Do not demolish bridge.
 Re-use concrete from channel demolition as bedding for channel cobble.
 Assume that a use for excavated soil will be found.

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Final Tips and Tricks

- Be sure your project addresses the priorities of the funding program
- Use available resources
- Write a focused application
 - Clearly answer each question
 - Tailor approach to scoring criteria
 - ❖ Scoring Criteria found in the IRWM Plan is adapted to each round of funding: https://sdirwmp.org/pdf/SDIRWM_09_Projects_FINAL_2019.pdf.
- Don't be afraid to ask questions

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RAC-Approved IRWM Scoring Criteria for Proposition 1 Round 1 Grant funding

Criterion	Scoring Procedure	Points Assigned	Percent of Total Score ^a
Addresses Multiple Objectives ^b	Score is based on # of objectives addressed ^c	6+ objectives = 4 pts 5 objectives = 3 pts 4 objectives = 2 pts 3 objectives = 1 pt	10%
Spans Multiple Watersheds	Score is based on the level of integration between watersheds	Multiple Watersheds = 4 pts Integration with a single Watershed = 2 pts Only site-specific = 0 pts	6%
Addresses Multiple Beneficial Uses (BUs)	Score is based on # of beneficial uses addressed	4+ BUs = 4 pts 3 BUs = 3 pts 2 BUs = 2 pts 1 BU = 1 pt	6%
Sustainable Water Development: Creates New Applied Water or Offsets Possible Demand ^d	Score is based on yield of water created or offset	Creates new source or reliable, local, drought-proof supply or reduces demands – consistent yield in average and dry years = 4 pts Creates new water or reduces demands – average conditions only = 2 pts Interconnection/ redundancy in supply but no additional yield created = 1 pt	20%
Involves More than One Entity ^e	Score is based on degree of partnership	2 project partners working jointly on a task = 4 pts 2 project partners not engaged in same activity, or multiple financial sponsors = 2 pts	7%
Invest in Disadvantaged / Environmental Justice Communities and Systems	Score is based on the degree of benefit (direct vs. indirect)	Directly invests in DRAC/EARDCES water systems, consolidation, OR training = 4 pts Other direct benefits that improve overall conditions in DACs (e.g. habitat improvement) = 2 pts Indirect benefits = 1 pt No Benefits = 0 pts	10%
Resiliency to Climate Change	Score is based on extent of climate change adaptation or mitigation activity (Climate Change Conceptual Model) ^f	Reduces very high or high priority vulnerability to climate change ^g AND improves knowledge and capacity AND implements climate change mitigation = 4 pts Reduces medium, low, or very low priority vulnerability to climate change ^g AND either 1) improves knowledge and capacity OR 2) implements climate change mitigation = 3 pts Improves knowledge and capacity AND implements climate change mitigation = 2 pts Improves knowledge and capacity OR implements climate change mitigation = 1 pt	20%
Stormwater as a Resource	Score is based on benefit provided	Utilizes stormwater as a resource (e.g., environmental, source water replenishment) = 4 pts Implements onsite capture = 2 pts	15%
Enhance Infrastructure	Score is based on the degree of benefit (regional vs local)	Enhances regional infrastructure (improved use of existing infrastructure) ^h = 3 pts Enhances local infrastructure (improved use of existing infrastructure) = 2 pts Indirectly improves use of existing infrastructure = 1 pt	6%
Other ⁱ	TBD	TBD	TBD

Refer to Table 9-1 of the 2019 IRWM Plan for further details about each scoring criteria.
Download Chapter 9 here: <http://sdirwmp.org/2019-irwm-plan-update>.



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Grant Administration

Loisa Burton, San Diego County Water Authority

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Public Comments

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Current Funding Opportunities

Project Types	Deadline	Website
Prop 1 Technical Assistance Funding Program	Open: rolling	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.html
2021 Nonpoint Source Grant Program	December 18	https://www.waterboards.ca.gov/water_issues/programs/nps/319grants.html
Proposition 68 Sustainable Groundwater Management Grant Program	Anticipated December 2020	https://water.ca.gov/Work-With-Us/Grants-And-Loans/Sustainable-Groundwater
Water Desalination Grant Program	Open: rolling	https://water.ca.gov/News/Public-Notices/2020/Sept-2020/Water-Desal-Grant-CAP

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2021 RAC Meeting Schedule

- Next RAC Meeting: February 3, 2021
- 2021 Meeting Schedule:
 - April 7, 2021
 - June 2, 2021
 - August 4, 2021
 - October 6, 2021
 - December 1, 2021
- Regular Meetings Held First Wednesday of Every Other Month -

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GRANTS 101

Summary of Funding Programs

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Proposition 1 Technical Assistance Funding Program



- **Purpose:** Assist small DACs develop, fund, and implement eligible drinking water, wastewater, stormwater, or groundwater projects
- **Funding:** Variable
- **DAC Priority:** Systems out of compliance, extension of service, consolidation projects, systems serving less than 200 connections
- **Types of Assistance:** May include but are not limited to:
 - Capital improvement projects
 - O&M Facilitation
 - Audits
 - Engineering and environmental analysis
 - Legal assistance
 - TMF assessments
 - Board or operator training
- **How to Apply:** Complete TA Request Form and email it to DFA-TArequest@waterboards.ca.gov

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https://www.waterboards.ca.gov/water_issues/programs/grants_loans/tech_asst_funding.html



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Clean Water State Revolving Fund (CWSRF)



- **Purpose:** Provide low cost financing for a wide variety of water quality projects
- **Funding:** Variable
- **DAC Components:** DAC Projects are a priority
- **Eligible Projects:** Wide variety of water quality improvement projects that are not specific to drinking water
- **How to Apply:** Submit applications to FFAST

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/

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Drinking Water State Revolving Fund (DWSRF)



- **Purpose:** provide low-cost financing for drinking water systems
- **Funding:** Variable
- **DAC Components:** DAC Projects are a priority
- **Eligible Projects:** May include
 - Construction of new water sources, distribution systems, and treatment facilities
 - Water system consolidation
 - Replacement of aged infrastructure
 - Water supply meters
 - Community water system creation or extension
- **How to Apply:** Submit applications to FFAST

https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html

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Safe and Affordable Equity and Resilience Program (SAFER)



- **Purpose:** Set of tools, funding sources, and regulatory authorities designed to help at-risk water systems provide safe drinking water
- **Funding:** \$130M for FY20-21
- **DAC Components:** Top priority projects
- **Eligible Projects:** Includes interim water supplies/emergencies, TA, Planning, O&M ★
- **How to Apply:** Submit pre-application on the [Small Community Funding Program](#). Uses CWSRF or DWRSF application.

Water System Category	Subtotal by Category
Systems Out of Compliance	\$44M
Systems At-Risk	\$50M
State Small Systems/ Domestic Wells	\$20M

https://www.waterboards.ca.gov/water_issues/programs/grants_loans/sustainable_water_solutions/safer.html

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2021 Nonpoint Source Grant Program



- **Purpose:** Support projects that install treatments or management practices to reduce and mitigate the effects of nonpoint source pollutants (sediment, pesticides, nutrients) to waters of the State
- **Funding:** \$4M but varies annually, 25% cost share
- **DAC Components:** Full or partial cost share waiver and application points
- **Eligible Projects:** Projects that include invasive species, copper, total nitrogen, total phosphorous, indicator bacteria, sediment, and trash
- **How to Apply:** Submit applications to FAAST by Tuesday, December 17 by 5:00 PM for the 2021 program

https://www.waterboards.ca.gov/water_issues/programs/nps/319grants.html

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Water & Waste Disposal Loan and Grant Program



- **Purpose:** Funding for clean and reliable drinking water systems, sanitary sewage and solid waste disposal, and stormwater drainage to households and business in eligible rural areas
- **Funding:** Grant and loan program
 - Technical Assistance also offered.★
- **Eligible Applicants:** Rural areas and towns with populations of 10,000 people or less, tribal lands in rural areas, and colonias
- **Eligible Projects:** Includes drinking water, wastewater, and stormwater
- **How to Apply:** Submit applications year-round to RD Apply

<https://www.rd.usda.gov/programs-services/water-waste-disposal-loan-grant-program>

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Hazard Mitigation Assistance



- **Purpose:** Reduce the effects of future natural disasters
 - Includes the Hazard Mitigation Grant Program, Building Resilient Infrastructure and Communities (BRIC), and Flood Mitigation Assistance Program
- **Funding:** 25% Cost Share
 - BRIC has a \$20M set-aside for tribes for this round of funding ★
- **Eligible Applicants:** Federally-recognized Tribes are eligible Applicants. Eligible Sub-applicants include state agencies, Indian tribal governments, and local governments/communities
- **Eligible Projects:** Dependent on funding program, includes Direct TA ★
- **How to Apply:** Dependent on funding program, but generally requires 2-step process

55 <https://www.caloes.ca.gov/cal-oes-divisions/recovery/disaster-mitigation-technical-support/404-hazard-mitigation-grant-program>



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Clean Drinking Water Well Replacement Program



- **Purpose:** Assist individual households and small water systems (<15 connections) in CA to address drought related water emergencies
- **Funding:** \$45,000 for individual wells, up to \$100,000 for small water systems
- **DAC Components:** Household income must be less than \$51,026
- **Eligible Projects:** New home and small water system construction is not eligible
- **How to Apply:** Complete online application at the website below

56 <https://www.rcac.org/lending/household-water-well-loans/#:~:text=Clean%20Drinking%20Water%20Well%20Replacement,State%20Water%20Resources%20Control%20Board>



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