

Joint Water Needs Assessment & San Diego IRWM Program RAC Meeting #79

February 6, 2019

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Agenda

- Welcome and Introductions
- RAC Attendance Report
- Project Completion Report
- Water Needs Assessment Update
- Proposition 1-Round 1
- Grant Administration
- Public Comments
- Summary and Next Steps

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Welcome 2019-2022 RAC Members!



- Greg Thomas & Julia Escamilla, Rincon del Diablo MWD
- Bill Hunter, Santa Fe Irrigation District
- Michelle Berens & Brian Olney, Helix Water District
- Marisa Soriano, City of Chula Vista
- Patrick McDonough, San Diego CoastKeeper
- Mike Thornton & Chris Trees, San Elijo JPA
- Phil Pryde & Rob Hutsel, San Diego River Park Foundation
- Jennifer Hazard & Pablo Figueroa, Rural Community Assistance Corporation
- Eric La Chappa, La Posta Band of Mission Indians
- Erica Pinto, Jamul Indian Village of California
- John Flores, San Pasqual Band of Mission Indians
- Mark Seits & Alex Yescas, Floodplain Management Association
- Michael McSweeney & S. Wayne Rosenbaum, Building Industry Association
- Ann Van Leer & Betsy Keithley, Escondido Creek Conservancy
- Laura Walsh, San Diego Regional Climate Collaborative & Julie Kalansky, Scripps Institute

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Annual RAC Attendance

- RAC Attendance Policy:
 - Only 2 unexcused absences per year
 - Alternate or designated representative may attend
- Expectation: Information from meeting shared with organizations
- RAC Charter requires annual report to RAC on attendance



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RAC Member Replacements

- Members may name a replacement mid-term if unable to fulfill duties
- Mid-term replacements starting in 2019:
 - Water Quality (Metro JPA) – Yazmin Arellano
 - Water Quality (NGO) – Patrick McDonough
 - DAC/EJ (Urban) – Joel San Juan
 - Natural Resources and Watersheds (Recreation) - Seval Sen

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RAC Attendance Policy

- Two seats are in non-compliance with the attendance policy, and have either resigned, failed to name a replacement, or been non-responsive to outreach:
 - Agriculture
 - Water Conservation (NGO)

RAC Charter:

"In the event that the RWMG and RAC determine that a RAC member is not complying with the RAC member attributes and duties...termination of that person's membership will be discussed by the RAC Membership Workgroup in closed session. The RAC Membership Workgroup may recommend termination and replacement to the RWMG... Replacement of that person will also be recommended by the RAC Membership Workgroup and approved by the RWMG."

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Replacements for Two Positions

- Agriculture
 - Lance Andersen recommended for position
- Water Conservation (NGO)
 - No recommendations yet received

RAC Discussion:

1. Any recommendations for either seat?
2. Accept and forward to RAC Membership Workgroup the RWMG recommendation for Agriculture seat?
3. Recommend opening Water Quality (NGO) seat for applications that RAC Membership Workgroup will review and forward to RWMG?

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Project Completion Report

Rural Disadvantaged Community Partnership Program, Phase 1

Jennifer Hazard, Rural Community Assistance Corporation; James Owen, NV5; and John Beresford and George Wilkens, La Jolla Band of Luiseño Indians

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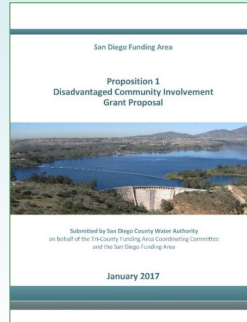
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Water Needs Assessment Activities

- Defined and mapped DAC, EDA, and URCs
- Expanded contact list
- Developed Water Needs Questionnaire
- Conducted outreach to DAC stakeholders
 - Solicited input via questionnaires and community meetings



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Accomplishments To Date



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Draft Water Needs Assessment

- Public draft anticipated **March 2019**
- Describes DAC identification and mapping
- Describes outreach activities
 - Presentations/Webinars
 - Questionnaires
- Summary of participant input
- Assessment limitations
- Identifies barriers to DAC involvement
- Recommended next steps

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Outreach Methods Assessment

- Effectiveness of outreach methods:
 - Webinar format not as effective as in-person meetings
 - Municipalities more likely to participate via questionnaire vs. meetings
 - Meetings effective for qualitative feedback, but attendees preferred more time to respond to questionnaire

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San Diego IRWM Region Issues

- Identified by participants
- Generally affirmed needs in IRWM Plan

Drinking Water Quality

- Uranium is a major groundwater pollutant in one rural community.
- Nitrates are an issue in groundwater.

Water Supply and Storage

- Concerns about increasing demand and affordability of water, with limited native supplies and threats to undeveloped resources.

Stormwater

- Urban: need better upstream control stormwater runoff.
- Green infrastructure preferred for stormwater runoff control.
 - Co-benefit = improvement to biodiversity and wildlife.

Flooding

- Flooding in canyons.
- Safety and water quality concerns related to homeless encampments.
- Rural infrastructure limited to handle stormwater leading to flash flooding.

Wastewater

- Infrastructure failure concerns.
- Lack of funding for improvements in urban areas.
- Urban: water conservation measures reduced dry weather flows; concerned higher concentrations of pollutants not being addressed.
- Rural: increasing economic development/land use and lack of adequate septic infrastructure.

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Beneficial Project Types

Identified by participants in San Diego IRWM Region as particularly beneficial



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Round 1 Implementation Grant

- Schedule
 - ✓ Grant Cycle Kickoff Meeting: Nov. 7
 - ✓ Call for Projects: Nov. 7 – Jan. 11
 - ✓ Technical Workshop: Dec. 5
 - Scoring Workshop: **TODAY**
 - Project Selection Workgroup: Feb.-Mar.
 - Present Project List to RAC: Apr. 3

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Prop 1-Round 1 Project Selection Process

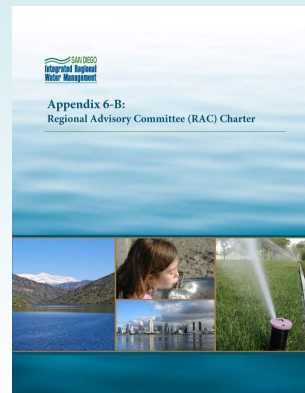
- Project Selection and Review Process:
 1. Project scoring approved by RAC **November 7, 2018**
 2. Technical Workshop **December 5, 2018**
 3. Projects submitted to online database **by January 11, 2019**
 4. Projects numerically scored and ranked by third party with firewall established by RWMG
 5. Project scoring discussed and vetted with RAC **February 6, 2019**
 6. Projects will be evaluated by Project Selection Workgroup
 - Interviews scheduled for **March 13th** and **March 14th**
 7. Suite of projects and funding amounts to be approved by RAC **April 3rd**



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Prop 1-Round 1 Project List

- 15 submitted projects
 - Total grant request: \$62.4 M
- RAC grant funding recommendation:
 - Total maximum grant award: \$15.4 M
 - Total Number of Projects:
 - ❖ Historically 7-9
 - ❖ Round 1:??



RAC Discussion & Recommendation

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SAN DIEGO
Integrated Regional
Water Management

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Project Scoring

- Scoring process
 - Projects scored by third party
 - Scores range from 0-4 for each criteria
 - Scores were weighted in accordance with the November RAC Meeting discussion
- Comments will be received and given to the Project Selection Workgroup

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Prop 1-Round 1 Grant Solicitation – Key Scoring Considerations

- Most projects received full points on Resiliency to Climate Change and Beneficial Uses
- Projects lost points on:
 1. Creating new or applied water
 2. Utilizing stormwater as a resource
 3. Enhancing infrastructure

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Prop 1-Round 1 Grant Solicitation – Project Scores

Refer to Handout!

Proposition 1 - Round 1 Implementation Grant
Submitted Project List - Organized by Score (High to Low)

Proj. ID	Project Title	Organization	Total Grant Req.	Pass/Fail Criteria: Meets City A, C1, B, and 1A/1H/1I/1J	Pass/Fail Criteria: Two Quantifiable Benefits	Pass/Fail Criteria: 15-Year Life Cycle Benefit per Gov. Code 38722	Addresses Multiple Objectives		Spans Multiple Watersheds	Addresses Multiple Beneficial Uses	Creates New Potential Water or Other Usable Demand	Involves more than one entity	Invest in DMCE/ Conservation and Systems	Resilience to Climate Change	Stormwater as a Resource	Enhance Infrastructure	Weighted Total Score
							Points	Points									
2012	North San Diego County Potable Reuse Project	City of Oceanside	\$7,500,000	Yes	Yes	Yes	4	4	4	4	2	1	4	4	4	3	3.5
2025	San Diego International Airport (SAN) Stormwater Capture and Reuse System	San Diego County Regional Airport Authority	\$10,000,000	Yes	Yes	Yes	4	2	4	2	4	4	4	4	4	3	3.42
2026	Lindbergh Park Water Capture Implementation	City of Chula Vista	\$1,020,000	Yes	Yes	Yes	4	2	4	2	2	4	4	4	4	2	3.22
2021	North San Diego County Integrated Recycled Water Project	San Diego Joint Pivers Authority	\$5,000,000	Yes	Yes	Yes	3	4	4	4	4	1	4	0	3	2.94	
2020	2020 Cooperative Conservation Project: Integrating Smart Water Management	Overstrand Municipal Water District	\$4,650,300	Yes	Yes	Yes	4	4	4	4	4	1	4	0	1	2.92	
2004	North City Pure Water Facility Inflow Pump Station and Conveyance Pipeline	City of San Diego	\$9,000,000	Yes	Yes	Yes	4	2	4	4	2	1	4	0	3	2.78	
2026	Lower Santa Margarita River IPR Pilot Project	Fallbrook Public Utilities Department	\$587,500	Yes	Yes	Yes	4	2	4	4	2	1	4	0	2	2.72	
2012	2020 Regional Water Use Efficiency Program	San Diego County Water Authority	\$2,650,800	Yes	Yes	Yes	4	4	4	4	2	1	4	0	0	2.72	
2023	Logan Heights Urban Runoff Reduction Green Infrastructure & Street Enhancement Project	City of San Diego	\$1,850,000	Yes	Yes	Yes	4	2	3	0	0	4	4	4	2	2.62	
2017	Storm Water Quality for Chollas Creek CACs - Implementation Phase	Groundwork San Diego	\$6,289,425	Yes	Yes	Yes	4	2	3	0	4	4	4	2	1	2.54	
2015	South Santa Fe Green Street Project	City of Vista	\$3,525,000	Yes	Yes	Yes	4	2	4	0	2	4	4	2	2	2.52	
2020	Safar Park Water Reuse Sustainability and Watershed Protection Project	Zoological Society of San Diego	\$2,820,500	Yes	Yes	Yes	4	2	4	1	2	1	4	2	2	2.42	
1993	Paradise Valley Creek Water Quality and Community Enhancement	City of National City	\$5,425,000	Yes	Yes	Yes	4	2	2	0	2	4	4	2	2	2.4	
2045	Amexation to Yuima MWD	Palmo Valley Water Company	\$5,213,400	Yes	Yes	Yes	3	2	2	1	2	4	4	0	2	2.2	
2020	Quantification of the Water Quality Benefits of Desalinated Local Supplies in the San Diego Region	San Diego County Water Authority	\$500,000	Yes	Yes*	Not Applicable	2	4	0	0	2	1	1	0	0	0.88	

* Project will calculate benefits of water supply types, but not result in physical benefits from project activities. Consultation with DWR regarding project eligibility based on nature of benefits is underway, we are still awaiting a response.

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Discussion

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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
SWRCB Prop 1 Storm Water Grant Program		
Stormwater Grant Program	Summer 2019 (anticipated)	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/swgp/prop1/
National Fish and Wildlife Foundation		
Five Star and Urban Waters Restoration Grant	January 31	https://www.nfwf.org/fivestar/Pages/2019rfp.aspx
US Bureau of Reclamation		
Title XVI/WIIN Grants	TBD – Winter 2019 <i>On hold pending end of federal shutdown</i>	https://www.usbr.gov/watersmart/title/
Water and Energy Efficiency Grants		https://www.usbr.gov/watersmart/weeg/index.html
Small-Scale Water Efficiency Projects Grant		https://www.usbr.gov/watersmart/swep/index.html
Water Marketing Strategy Grants		https://www.usbr.gov/watersmart/watermarketing/index.html
Desalination Construction		https://www.usbr.gov/watersmart/desalination/index.html
Drought Resiliency Projects		https://www.usbr.gov/drought/projects.html



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2018 Meeting Schedule

- Next RAC Meeting: April 3, 2019
 - 2019 Meeting Schedule:
 - June 5
 - August 7
 - October 2
 - December 4
- Regular Meetings Held First Wednesday
of Every Other Month -**

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