

San Diego IRWM Program RAC Meeting #98

August 3, 2022

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Agenda

- Meeting Logistics
- Welcome, Land Acknowledgement, and Introductions
- San Diego Regional Drought and Colorado River Updates
- Retail Agency Drought Perspectives
- Proposition 1, Round 2
- Grant Administration
- Public Comments
- Summary and Next Steps

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August 3, 2022

All attendees: Please enter your full name and organization into the **chat**. Please update your name to include your organization by clicking on **participants**, hover over your name, click **more**, and click **rename**.



For any technical difficulties, contact: Arthella Vallarta, 213-223-9463

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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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Land Acknowledgement

We acknowledge that this virtual meeting of the San Diego IRWM Program Regional Advisory Committee is taking place in the traditional lands of the Kumeyaay and Luiseño people. As we begin this meeting, we acknowledge and honor the original inhabitants of our region. A land acknowledgement is a critical step towards working with native communities to secure meaningful partnership and inclusion in the stewardship and protection of their cultural resources and homelands. We honor these ancestral grounds where we are collectively gathered and support the resilience and strength that Indigenous people have shown worldwide.

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San Diego Regional Drought and Colorado River Updates

Efren Lopez and Alexi Schnell, San Diego County Water Authority

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Retail Agency Drought Perspectives

Leslie Payne, Sweetwater Authority

Brian Hojnacki, City of San Diego

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Round 2 Implementation Grant

- SDIRWM Schedule
 - ✓ Call for Projects: April 6 – May 13
 - ✓ Technical Workshop: May 2
 - ✓ Scoring Workshop: May 25 – June 10
 - ✓ Project Selection Workgroup: May 25 – June 13
 - ✓ Optional DWR Workshop: July 18
 - Present Project List to RAC: **TODAY**
 - Application submitted to DWR: August 19

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Department of Water Resources (DWR) Workshop

- DWR offered *optional* workshops with each IRWM region to review projects and vet for potential concerns
 - Mandatory workshop for Round 1 resulted in multiple project changes to SDIRWM's application in 2019
- Presented project list to DWR on July 18
 - Feedback was positive, with minimal questions
 - No eligibility concerns arose during the workshop
- Anticipated award date – end of 2022

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Application Process



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Project Selection Workgroup (PSW)

- The PSW was authorized by the RAC to select a suite of projects to submit to DWR at the April RAC Meeting
- 4 all-day meetings in May and June
 - Time spent outside meetings reviewing materials
- Quorum achieved at every meeting
- 2/3 majority vote required to pass funding package
 - Final package passed by a **unanimous vote!**

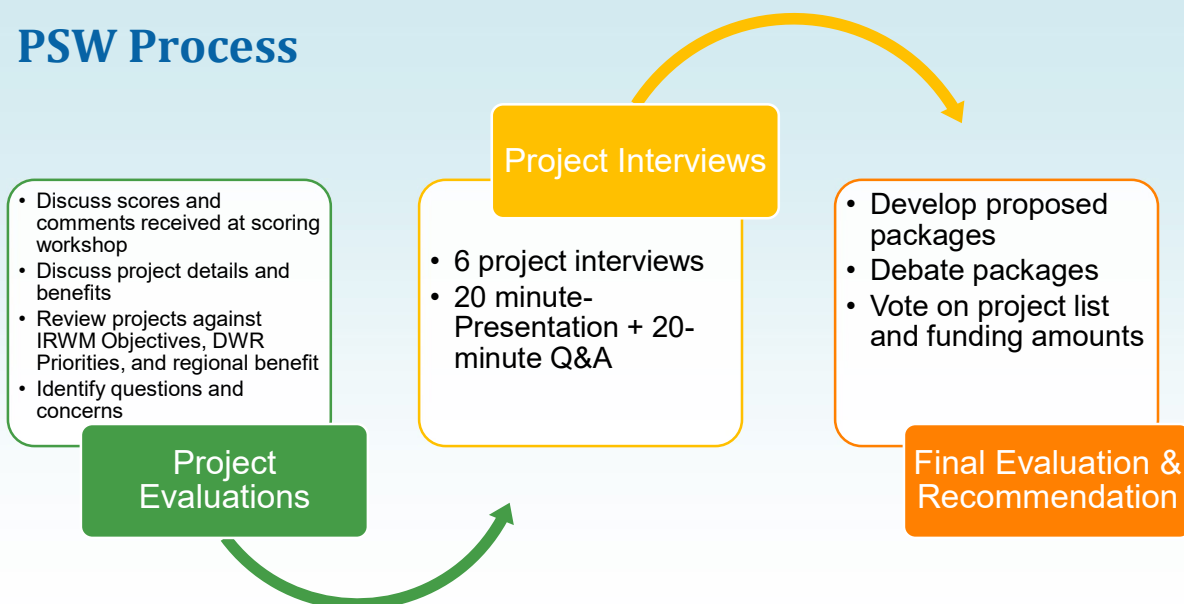


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PSW Process



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PSW Representatives

Thank you!

Caucus	Primary	Alternate
RWMG - San Diego County Water Authority	Lesley Dobalian	Jesica Cleaver
RWMG - County of San Diego	Andrea Araujo	N/A
RWMG - City of San Diego	Julie Marlett	Sandra Carlson
Tribal	Eric LaChappa	N/A
DAC/Environmental Justice	Oscar Romo	Jennifer Hazard
Water Supply	Michelle Berens	Brian Olney
Water Quality	Justin Gamble	Chris Trees
Natural Resources and Watersheds	Amanda Loeper	Brook Sarson
Other Members	Anne Bamford	Mark Seits

Thank you to each PSW member for their time and the care they put into the SDIRWM Process!

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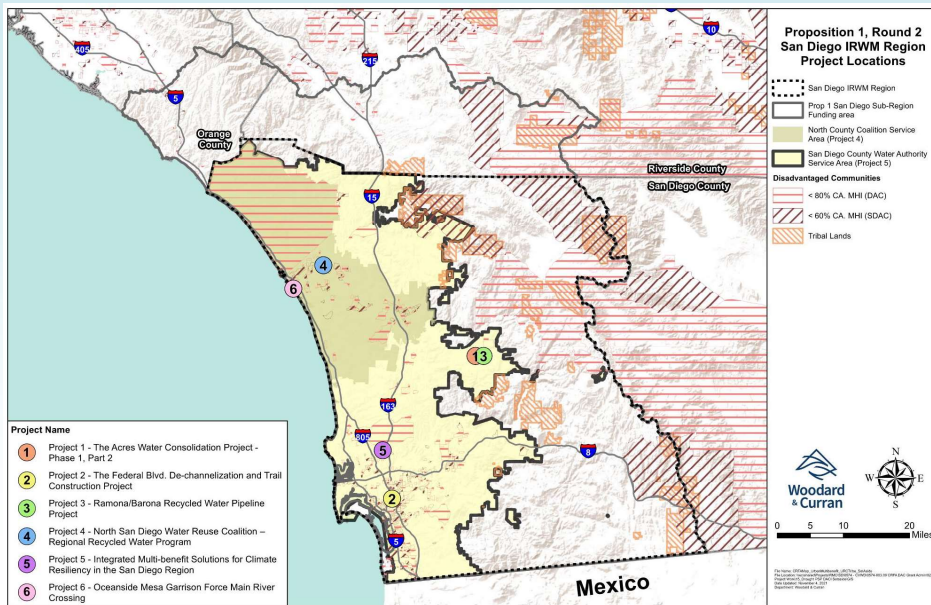
Project	Sponsor	Grant	Total Cost
The Acres Water Consolidation Project– Phase 1, Part 2 (URC)	Ramona Municipal Water District	\$2,428,668	\$2,428,668
The Federal Blvd. De-channelization and Trail Construction (URC)	Groundwork San Diego – Chollas Creek	\$2,900,000	\$3,247,805
Ramona/Barona Tribe Recycled Water Pipeline (URC)	Ramona Municipal Water District	\$2,430,000	\$2,483,000
North San Diego Water Reuse Coalition – Regional Recycled Water Program (7 project partners!)	Olivenhain Municipal Water District	\$3,731,783	\$17,900,681
Integrated Multi-Benefit Solutions for Climate Resiliency in the San Diego Region (Combined project!)	San Diego County Water Authority	\$2,300,000	\$4,600,000
Oceanside Mesa Garrison Force Main River Crossing (potable reuse!)	City of Oceanside	\$1,329,165	\$4,983,262
Total Project		\$15,119,616	\$36,608,497
Grant Administration		\$965,081	
Total Grant		\$16,084,697	

All underrepresented community projects were awarded 100% of grant request



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San Diego IRWM Prop 1, Round 2 Projects



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The Acres Water Consolidation Project – Phase 1, Part 2

Implementing Agency	Ramona Municipal Water District
Project Partner	Rural Community Assistance Corporation
Funding Amount	\$2,428,668

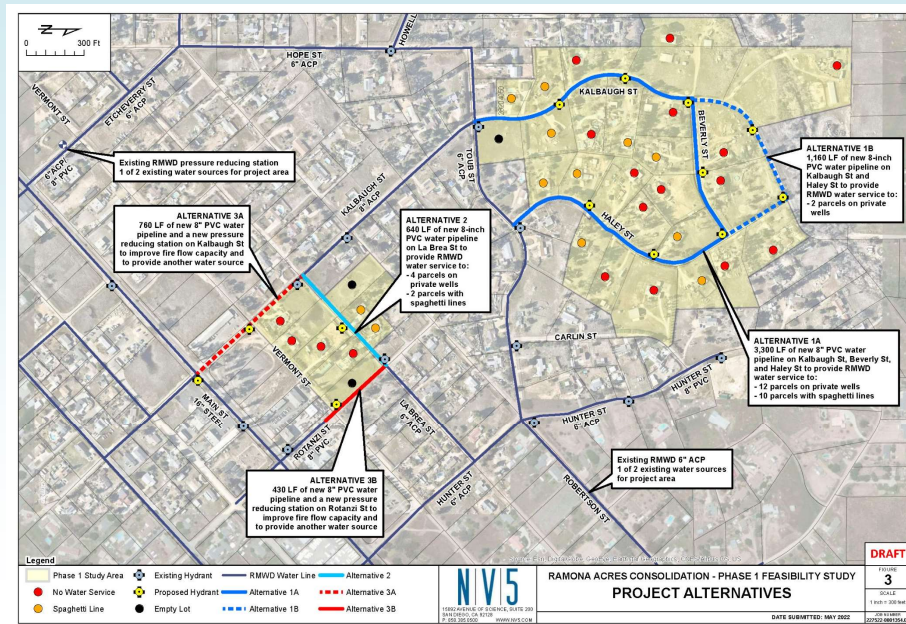
- Purpose:
 - This project will install ~2,850 feet of 8-inch water main and appurtenances for 11 service connections from Ramona MWD to customers to provide safe, reliable drinking water supply to a DAC, along with 6 fire hydrant assemblies
- Benefits:
 - **Water Supply Reliability:** 36 AFY
 - **Water Quality Improvement – Groundwater:** Reduce 44 tons per year of salt loading



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The Acres Water Consolidation Project - Phase 1, Part 2



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The Federal Blvd. De-channelization and Trail Construction Project

Implementing Agency	Groundwork San Diego – Chollas Creek
Project Partners	City of San Diego, Civic Communities, Urban Corps San Diego, Chollas Creek Coalition, and San Diego Coastkeeper
Funding Amount	\$2,900,000

- Purpose:**
 - This project will de-channelize and restore over 1,000 linear feet of the Chollas Creek waterway, construct a recreational trail and climate-resilient mini park with stormwater features
- Benefits:**
 - Ecosystem/habitat restoration:** Replace more than 1,000 linear feet of concrete channel
 - Reduction in Greenhouse Gases:** 580 MT CO₂e will be removed by planting 298 native trees

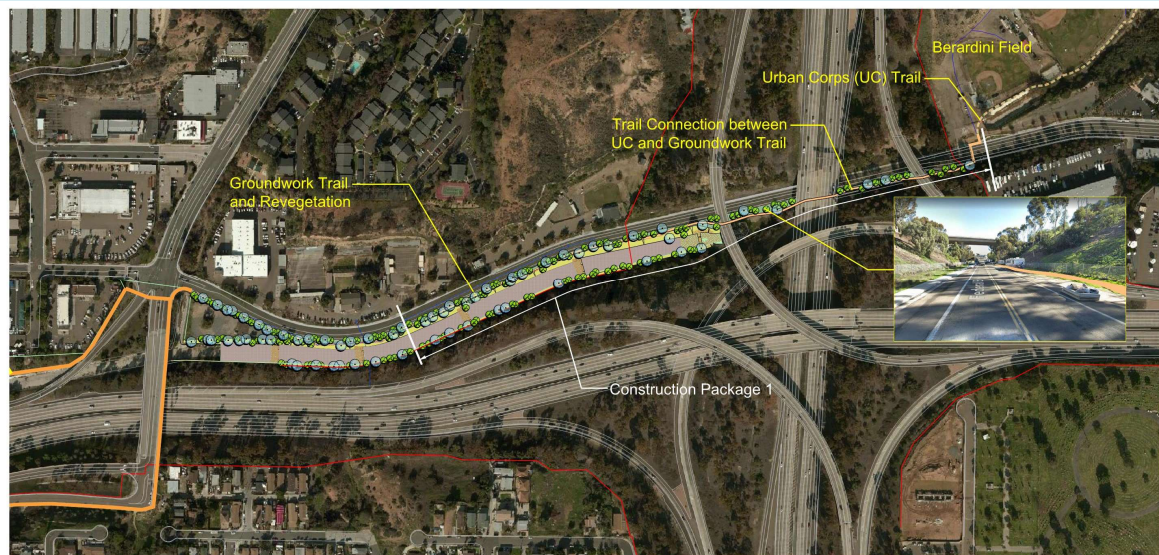


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The Federal Blvd. De-channelization and Trail Construction Project



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Ramona/Barona Tribe Recycled Water Pipeline Project

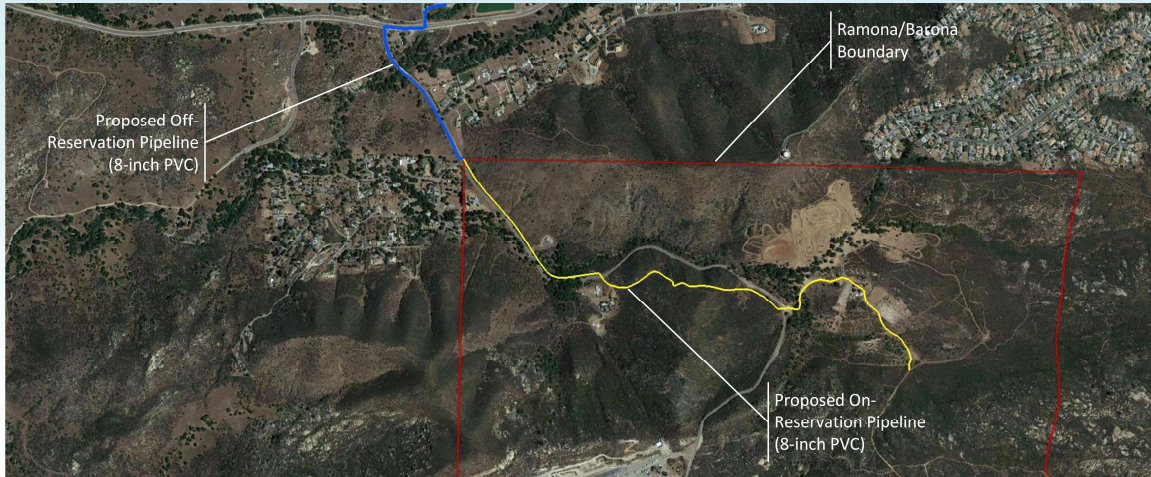
Implementing Agency	Ramona Municipal Water District
Project Partner(s)	Barona Band of Mission Indians
Funding Amount	\$2,430,000

- Purpose
 - This project will construct a new 2,760-foot, 8-inch PVC pipeline from Ramona MWD's existing San Vicente Water Reclamation Plant to an existing non-potable pipeline on the Barona Tribe Reservation, providing critical water resources and diversifying the water supply portfolio
- Benefits:
 - **Increase Water Supply Reliability:** Up to 250 AFY of recycled water supply
 - **Reduce Groundwater Pumping:** Up to 250 AFY of groundwater pumping

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Ramona/Barona Recycled Water Pipeline Project



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North San Diego Water Reuse Coalition – Regional Recycled Water Program

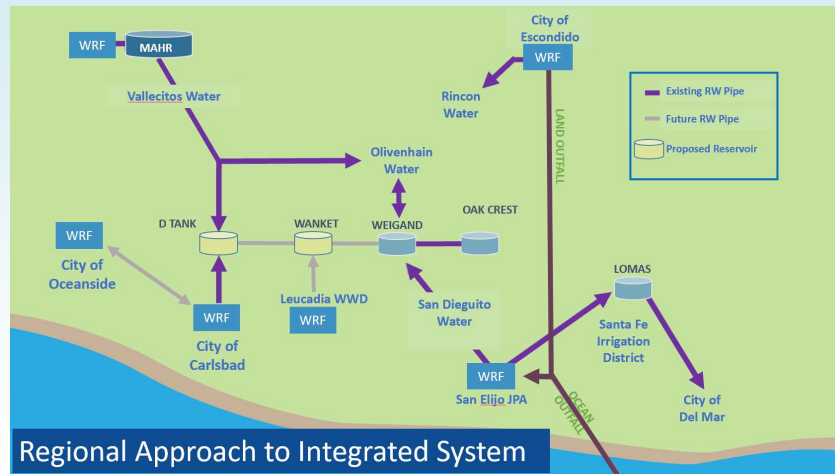
Implementing Agency	Olivenhain MWD
Project Partners	7 of the 9 North San Diego Water Reuse Coalition members: Carlsbad MWD, City of Oceanside, Rincon del Diablo MWD, Leucadia Wastewater District, San Elijo JPA, and Vallecitos Water District
Funding Amount	\$3,731,783

- Purpose
 - This project will complete the next phase of the Regional Recycled Water Program, which includes expanding the recycled water distribution system, installing pumps and valves, constructing a 1.5-million gallon steel tank, and increasing treatment capacity
- Benefits:
 - **Water Supply – Recycled Water:** 180 AFY
 - **Water Supply Reliability:** 2,353 AFY



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North San Diego Water Reuse Coalition – Regional Recycled Water Program



Regional Approach to Integrated System



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Integrated Multi-Benefit Solutions for Climate Resiliency in the San Diego Region

Implementing Agency	San Diego County Water Authority
Project Partner(s)	City of San Diego, County of San Diego, and Mission Resource Conservation District
Funding Amount	\$2,300,000

- Purpose
 - This project will support water use reductions, stormwater management, community engagement and customer education in all sectors by expanding regional conservation programs, direct installing turf conversion, etc.
- Benefits:
 - **Reduced Water Demand:** 245 AFY of water savings
 - **Reduction in Greenhouse Gases:** 184 MT CO₂e through the offset of imported water.



Unique partnership!



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Integrated Multi-Benefit Solutions for Climate Resiliency in the San Diego Region

- Three main project components:
 1. Multi-Benefit Sustainable Landscapes
 2. Community- Driven Water Improvements
 3. City of San Diego Residential Water Conservation Rebates Program Expansion

Includes direct-install irrigation efficiency, turf replacement, and toilet replacements on DAC properties



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Oceanside Mesa Garrison Force Main River Crossing

Implementing Agency	City of Oceanside
Funding Amount	\$1,329,165

This project is a critical component of City of Oceanside Water Recycling Optimization & Coastal Resilience program

- Purpose
 - The project will construct 1,000 LF of sewer force main at the San Luis Rey River undercrossing, a critical component enabling the transport of wastewater to the Water Reclamation Facility to produce new potable reuse and recycled water.
- Benefits:
 - **Water Supply:** 3,276 AFY in new local water supply (1,596 AFY of Title 22 recycled water and 1,680 potable reuse water)
 - **Reduce Ocean Outfall Discharges:** 3,276 AFY



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Oceanside Mesa Garrison Force Main River Crossing



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Conclusions

- Proposal includes 6 projects (+ grant administration)
 - 5 implementing agencies and over a dozen partners
 - Total Grant Amount: \$16,084,697
 - Amount to DAC/URC projects: \$7,758,668 (48% of available funds)
- Projects are diverse and meet an array of SDIRWM Plan Objectives
- Package responds to DWR's Prop 1 IRWM purpose – water reliability and climate resiliency
- Application to DWR is underway – *Due August 19!*

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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
CDFW: Environmental Enhancement Fund	Expected in September	https://wildlife.ca.gov/OSPR/Science/Environmental-Enhancement-Fund/About
EPA: Water Infrastructure Finance and Innovation (WIFIA)	LOI due September 6	https://www.epa.gov/wifia
SWRCB: Prop 1 Technical Assistance Funding Program	Open: rolling	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/tech_asst_funding.html
DWR: Water Desalination Grant Program	Open: rolling	https://water.ca.gov/News/Public-Notices/2020/Sept-2020/Water-Desal-Grant-CAP

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2022 RAC Meeting Schedule

- Next RAC Meeting: **October 5!**
- 2022 Meeting Schedule:
 - December 7

- Regular Meetings Held First Wednesday of Every Other Month -

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