

THANK YOU FOR JOINING US

**WaterReuse Orange County
Chapter Meeting**

WILL BEGIN SHORTLY

Agenda

- ▶ **Networking & Social Session** – 11:30 AM
- ▶ **Call to order** – 12:00 PM
- ▶ **Welcome:** Scott Lynch, Chapter President
- ▶ **Presentations**
 - **SCWD's Doheny Ocean Desalination Project**
 - Rick Shintaku, SCWD General Manager
- ▶ **Standing Items**
 - State Section Update: Joone Lopez, MNWD
 - Regulatory Updates: DDW/OCHCA
 - Legislative and Regulatory Matters:
 - Alicia Dunkin, OCWD
 - Claire Johnson, OCWD
 - Potential Funding for Projects
- ▶ **Conferences/Webcasts**
- ▶ **Other Announcements / Discussion Items**
- ▶ **Roundtable**
- ▶ **Adjournment**

Q&A

Have a question?

Online attendees

Select the “Raise Hand” button or
select *6 on your telephone

We will get to your questions after each presenter.



**SOUTH COAST
WATER DISTRICT**

Partnering With The Community



**DOHENY OCEAN
DESALINATION
PROJECT**

Local Water, Local Control.

Sponsored by South Coast Water District

Doheny Ocean Desalination Project

WaterReuse, Orange County Chapter

April 20, 2023

Rick Shintaku, General Manager
South Coast Water District

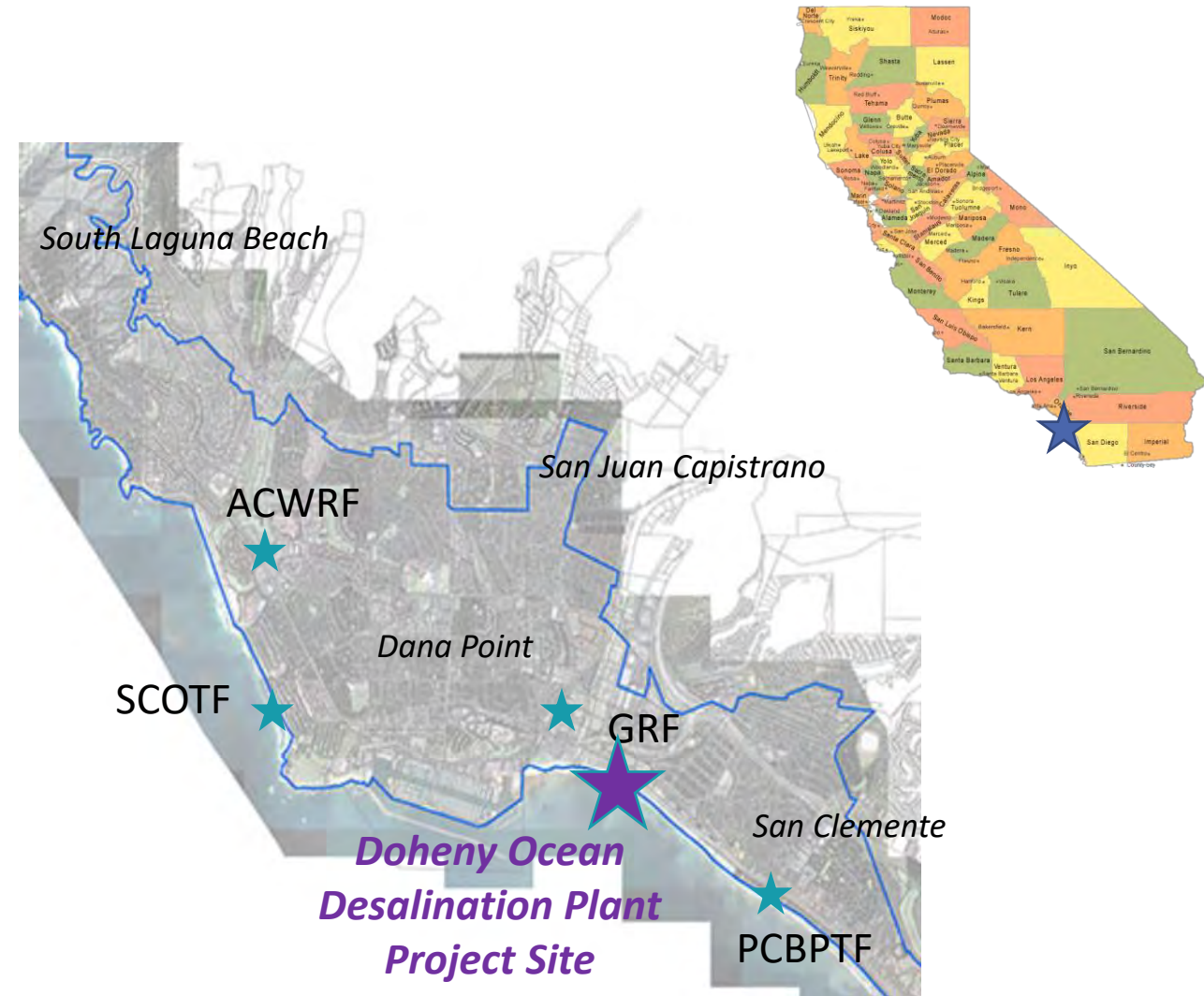
Agenda

- South Coast Water District
- Need for the Project
- Description & History
- Permits
- Next Steps

South Coast Water District (SCWD)

Potable (Drinking) Water, Recycled Water, and Wastewater Public Agency serving:

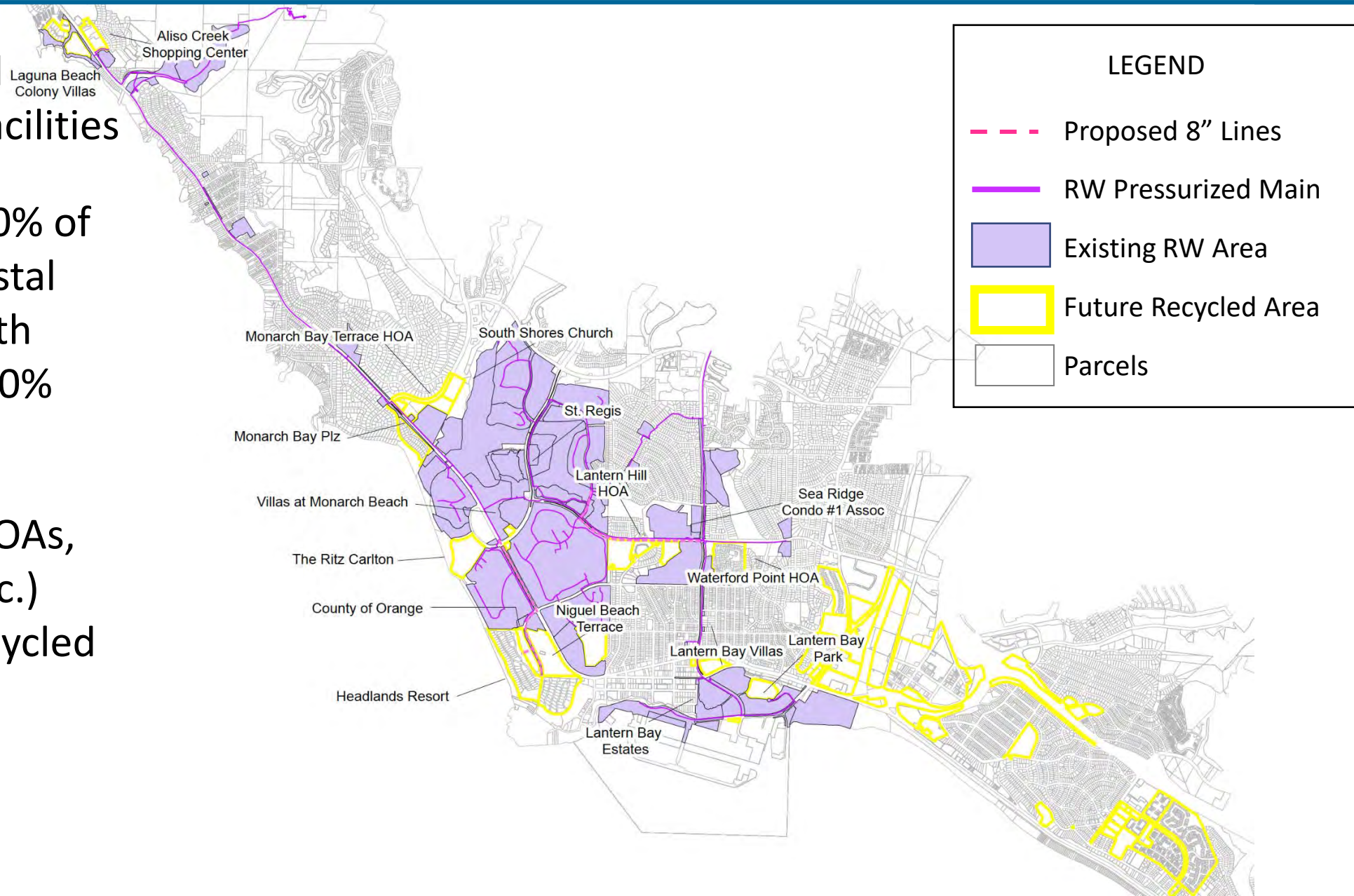
- South Laguna Beach
 - Dana Point
 - Portions of San Clemente
 - Portions of San Juan Capistrano
-
- ~40,000 Residents
 - 1,000 Businesses
 - Over 2 Million visitors per year



ACWRF: Aliso Creek Water Recovery Facility
GRF: Groundwater Recovery Facility
PCBPTF: Poche Beach Clean Beach Project Treatment Facility
SCOTF: Salt Creek Ozone Treatment Facility

SCWD's Commitment to Maximizing Recycled Water Since the 1980's

- Own two Advanced Water Treatment facilities
- Currently recycle 70% of Wastewater at Coastal Treatment Plant with plans to achieve 100%
- Since 2015, 37 site conversions (i.e., HOAs, shopping plazas, etc.) from potable to recycled water use



SCWD's Commitment to Conservation and Local Resources

Brackish Groundwater Recovery Since 2007

- Produces 700 to 900 AFY of potable water, during Normal & High Rainfall Years

Water Use Efficiency

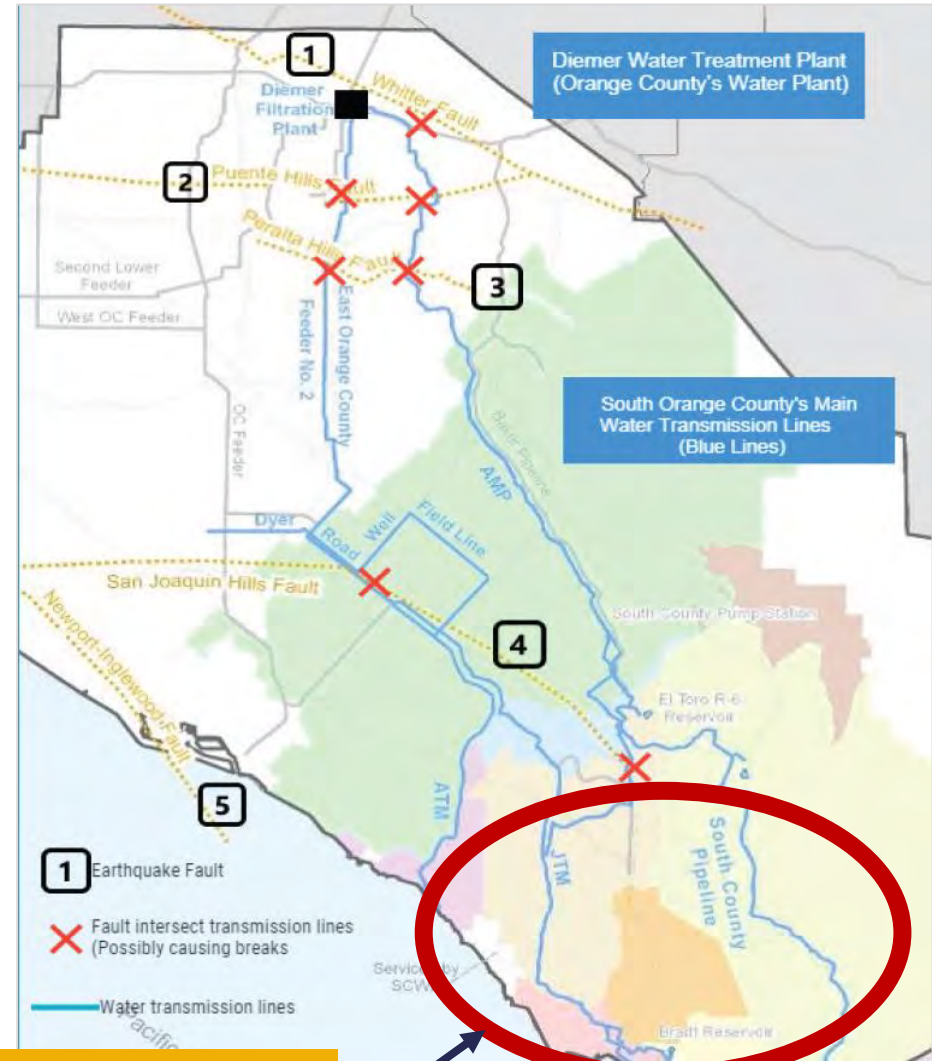
- SCWD Current indoor residential use is ~50 gpcd, meeting the State goal of 55 gpcd
- SCWD utilizing Advanced Metering Infrastructure (AMI) and Automated Meter Reading (AMR) aka “Smart Meters”, to further minimize customer water waste

Water Loss Control

- 4% water system loss is among best in the State
- Lowest system water loss in all of Orange County

In Sept. 2016, SCWD's Board Committed to 20% of Santa Margarita Water District's Stormwater Capture (Rubber Dam) Project

Water Reliability for Seismic Risks

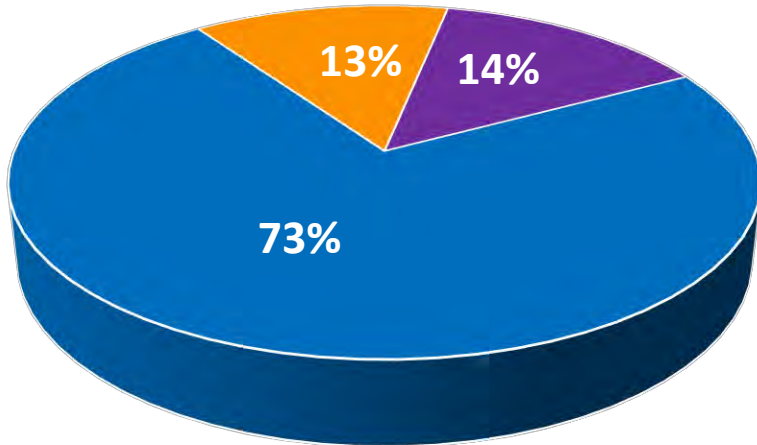


South OC – 90% Dependent on MWD Imported Supply

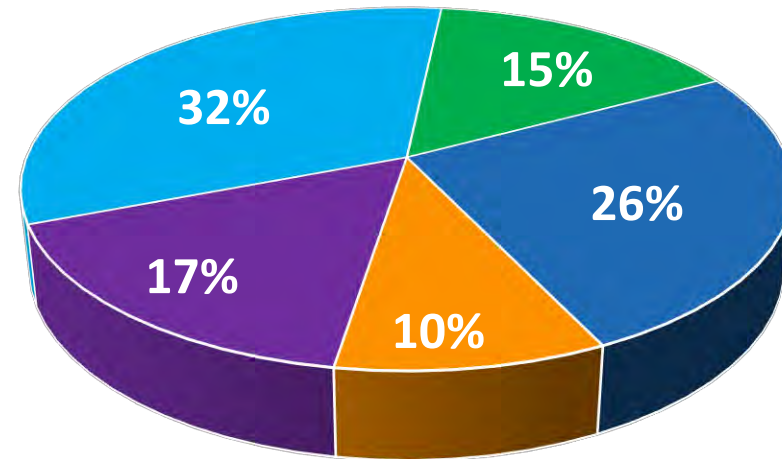
SCWD's Water Supply Portfolio

Doheny Project would provide up to 5 Million Gallons per Day (MGD)

CURRENT PORTFOLIO



2035 PORTFOLIO*



- Metropolitan Water District (MWD) Imported
- Local Groundwater
- Recycled Water
- Doheny Ocean Desalination
- Indirect/Direct Potable Reuse (IPR / DPR)

*SCWD's Board Approved 2021 Integrated Water Resource Plan (IWRP)

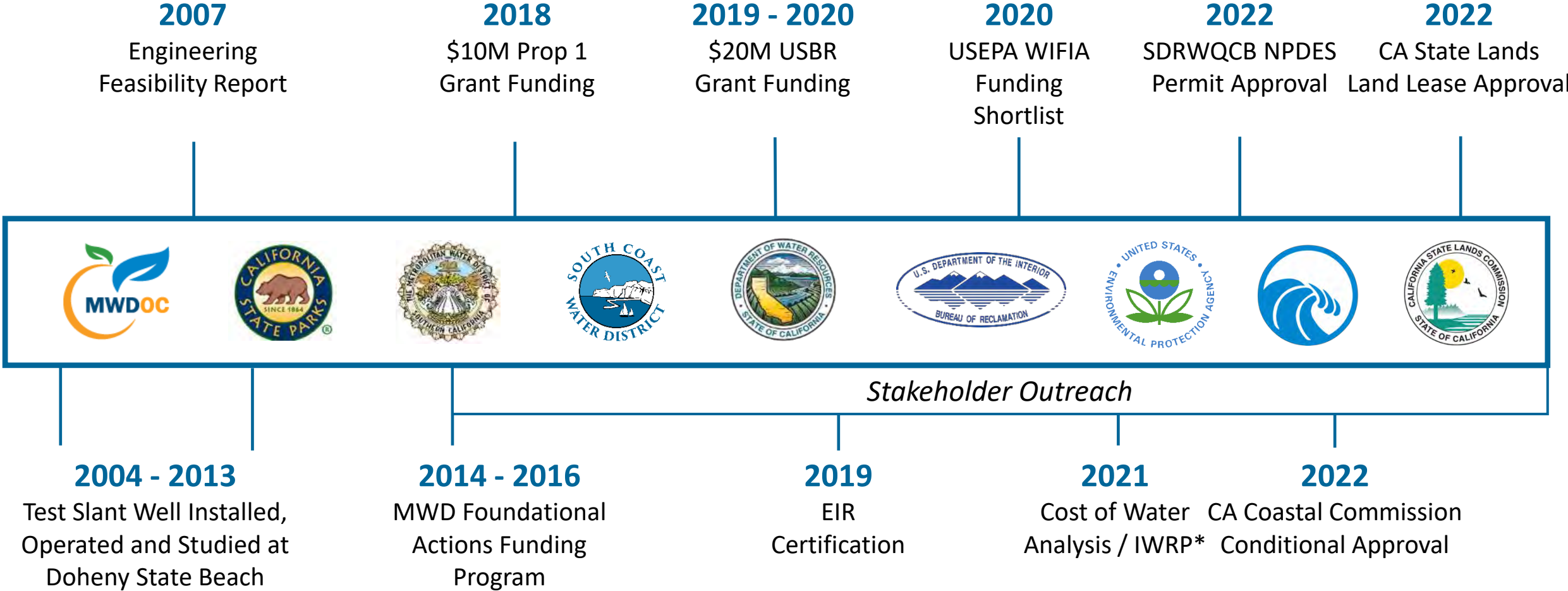
Doheny Ocean Desalination Project

Why Ocean Desalination?



- **System and Supply Reliability – Drought and Earthquakes**
- **Drought Proof and Resilient to Climate Change**
- **Sustainable Local Water at a Reasonable Cost**
- **Up to 5 MGD of drinking water supplies**
- **Potential Long-Term Local and Regional Benefits**

Project History

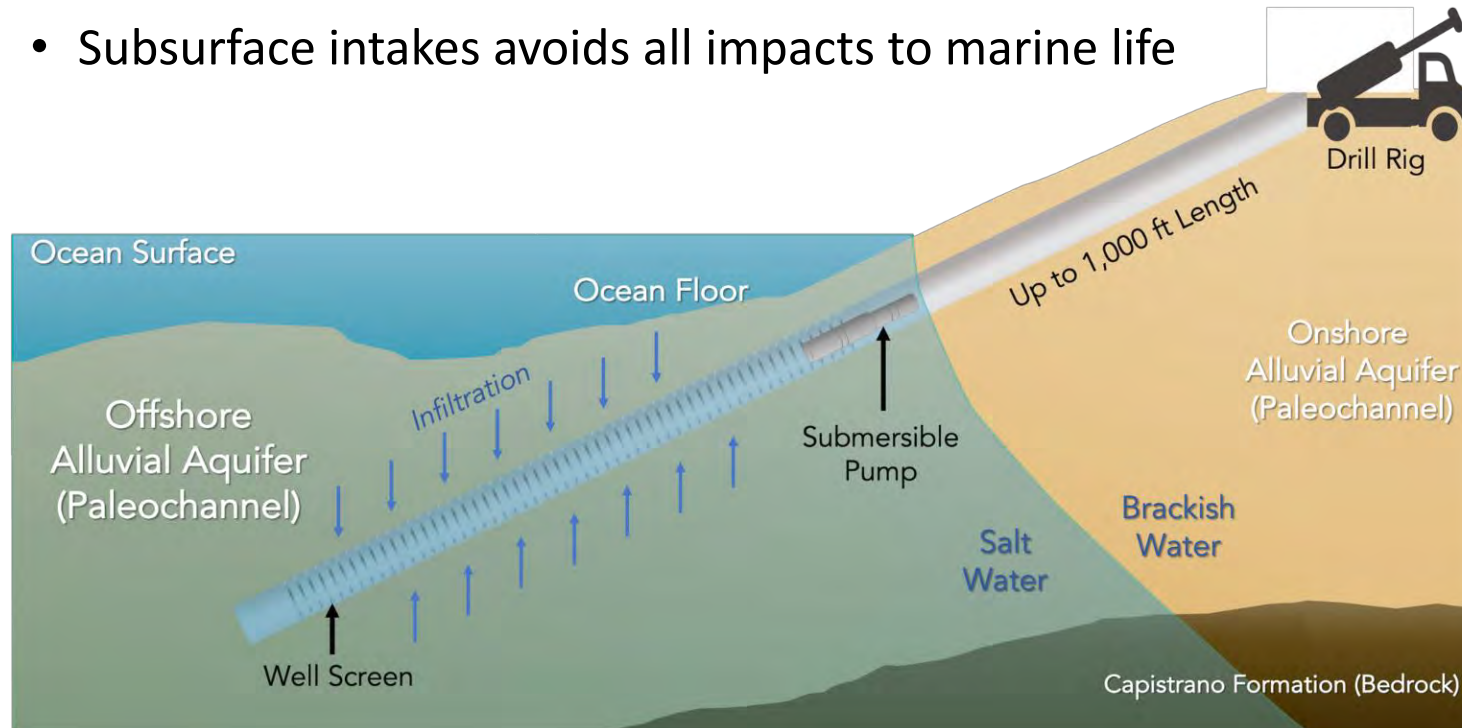


***SCWD’s Board Approved 2021 Integrated Water Resource Plan (IWRP)**

State Ocean Plan Preferred Methods: Subsurface Intake

Subsurface Water Intake – Slant Well Technology

- Intake method preferred by regulators and Ocean Plan Desalination Amendment
- Wells draw ocean water from below the ocean floor
- Slant Wells fully buried at Doheny State Beach
- Submersible pumps reduce noise
- Subsurface intakes avoids all impacts to marine life



State Ocean Plan Preferred Methods: Commingled Discharge

Commingled Discharge

- Brine diluted with treated wastewater through existing San Juan Creek Ocean Outfall more than two miles offshore
- Blended effluent would minimize impact on coastal and marine water quality



Modified Project – Reduced Footprint and Impacts



Desalination Treatment Processes

- Pretreatment (Potential for Fe and Mn)
- Chemical Handling Facilities
- Reverse Osmosis (with Partial Second Pass RO)
- Energy Recovery
- UV
- Post Treatment (Remineralization)
- Potable Water Storage Tank
- Distribution Pumps
- Brine Holding Tank and Discharge Pumps
- Control / Administration Building



Project Cost

Grants Secured:

California Department of
Water Resources Desalination
Construction Grant

\$10M

+

US Bureau of Reclamation
Water Infrastructure Improvement for
the Nation (WIIN) Act Grants
(Sponsor: Congressman Levin)

\$20M

+

EPA Grant – Slant Well
(Sponsor: Senator Padilla)

\$2.4M

SCWD will continue to pursue grants up to Federal Cap of \$30M

Capital Cost \$140 Million*



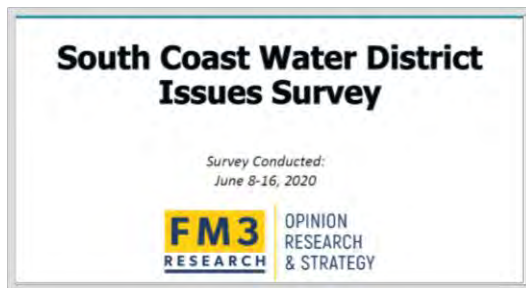
***2021 Cost Estimate**

Doheny Ocean Desalination Customer Survey Findings

SCWD Customer Survey conducted during pandemic & recession

Results:

- 74% favor Project after Description
- 80% favor Project after Education
- 72% favor Project after Critical Statements
 - Economic/Cost
 - Environment
 - Perceived unproven technology



78% willing to pay \$5 more per month

76% willing to pay \$7 more per month

69% willing to pay \$10 more per month

63% willing to pay \$15 more per month

**SCWD Residential Rate Impact:
~\$3 more per month
for 5 MGD Project**

Permitting & Easements

SUBMITTED	IN PROGRESS
<p>Regional Water Quality Control Board (RWQCB)/State Board - NPDES/ROWD/Ocean Plan Compliance</p> <ul style="list-style-type: none"> Approved March 9, 2022  	<p>State Parks – Doheny State Beach</p> <ul style="list-style-type: none"> Lease negotiations
<p>Coastal Commission - Coastal Development Permit (CDP)</p> <ul style="list-style-type: none"> Approved October 13, 2022  	<p>Federal Consultation</p> <ul style="list-style-type: none"> Army Corps of Engineers, US Fish & Wildlife Service, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, State Historic Preservation Office
<p>State Lands Commission Lease</p> <ul style="list-style-type: none"> Approved December 9, 2022  	

California State Parks Agreement

Collaborative effort - Align Project construction with State Parks DSB General Plan implementation

Repair and restoration of DSB Campground:

- New water sewer and electrical hookups
- Improvements to pedestrian/bike access and circulation
- Replace interpretive area, landscape, and restrooms

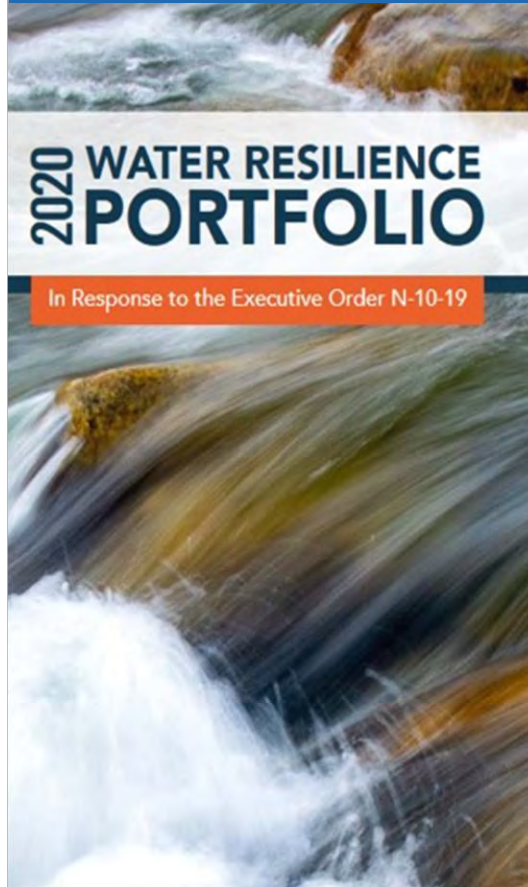


Bi-partisan and Collaborative Support

Bi-partisan Elected Official Support

- US Senator Feinstein
- US Senator Padilla
- Congressman Mike Levin
- Congresswoman Michelle Steel
- CA State Senator Pat Bates
- CA State Senator Dave Min
- CA State Assemblymember Cottie Petrie-Norris (AB-1752)
- CA State Assemblymember Laurie Davies
- Former OC Supervisor Lisa Bartlett
- OC Supervisor Katrina Foley

Environmental and Regulatory Support



State and Federal Grant Funding Support

California Department of Water Resources Desalination Construction Grant

\$10M

US Bureau of Reclamation Water Infrastructure Improvement for the Nation (WIIN) Act Grants (Sponsor: Congressman Levin)

\$20M

EPA Grant – Slant Well (Sponsor: Senator Padilla)

\$2.4M

Community Support and Potential Partner Letters of Interest

CA State Parks

S. Laguna Water & Sewer Advisory Cmte

LA and OC Building and Construction Trades Council

HOAs: Cape Cove, Harbor Creek, Regatta

Cities of:

- Dana Point, Laguna Beach, San Juan Capistrano, San Clemente

Neighboring Agencies & Utilities:

- MWD, MWDOC & ISDOC, ETWD, IRWD, EBCSD, EVMWD, IEUA, LVMWD, Mesa Water, TCWD, SMWD, Rancho Water, SOCWA

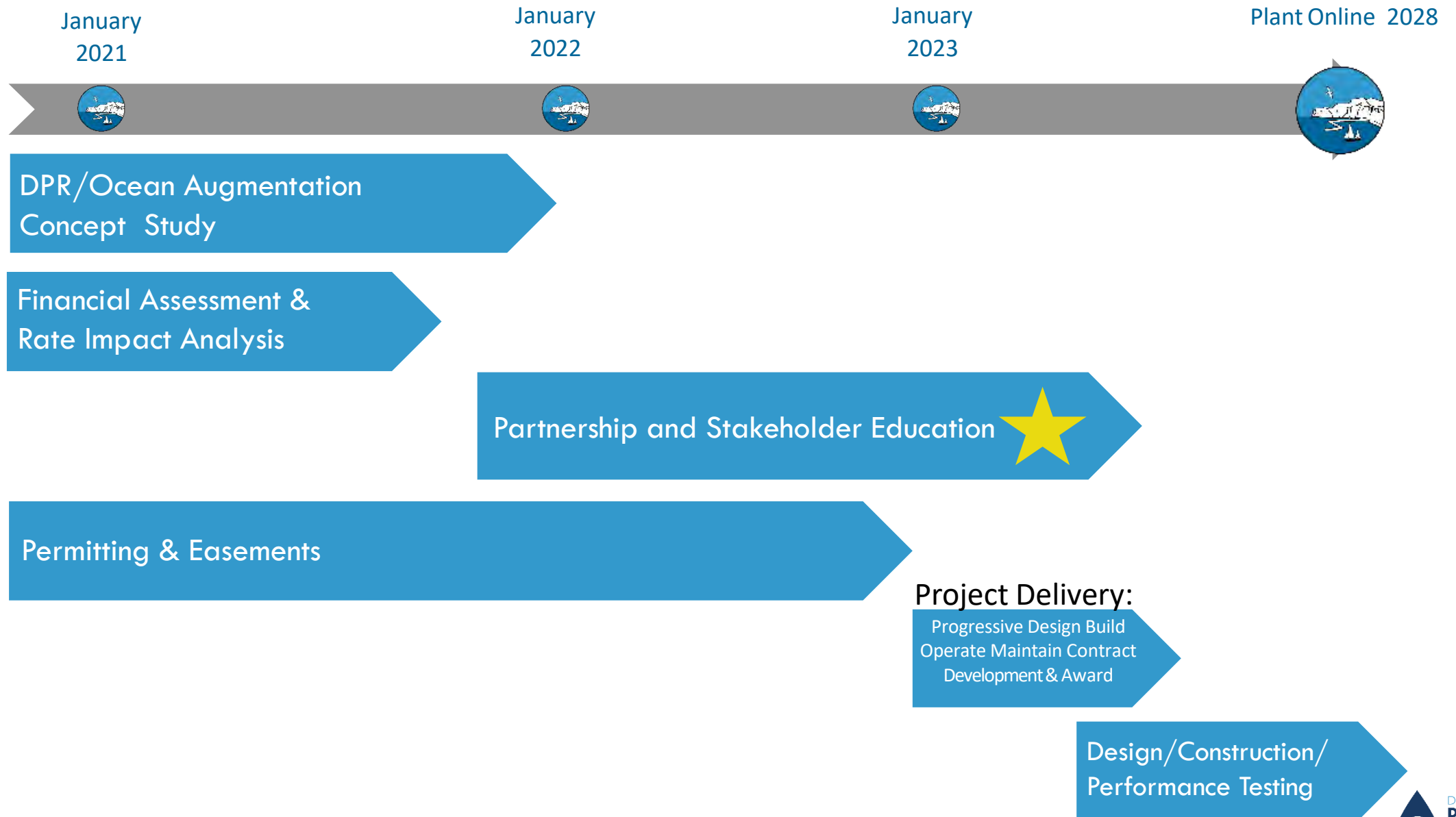
Letters of Interest:

- City of San Clemente
- Laguna Beach CWD
- Eastern MWD
- Elsinore Valley MWD

Procurement: Progressive Design Build Operate Maintain

- RFQ & RFP process to hire Progressive Design Build Operate Maintain (PDBOM) team – Mid 2023
- PDBOM Project Phase 1 – Achieve a 60% project design to reach a Guaranteed Maximum Price (GMP) for the project
- Cost: Approx. \$2 million per MGD to reach the GMP
- Benefits:
 - Mitigate risk and secure fixed Final Project Cost and Rate Impacts
 - PDBOM project delivery allows for off-ramps and tailoring to project needs

Anticipated Implementation Schedule



It Takes a Team!





**SOUTH COAST
WATER DISTRICT**
Partnering With The Community

Thank You!

[SCWD.ORG/DohenyDesal](https://www.scwd.org/dohenydesal)



[@SouthCoastWater](https://www.instagram.com/SouthCoastWater)

Q&A

Have a question?

Online attendees

Select the “Raise Hand” button or
select *6 on your telephone

Standing Items

- ▶ **State Section Update**

- Joone Lopez, MNWD

- ▶ **Regulatory Updates**

- DDW

- OCHCA

- ▶ **Legislative and Regulatory Matters**

- Alicia Dunkin, OCWD (Legislative)

- Claire Johnson, OCWD (Regulatory)

- ▶ **Potential Funding for Projects**

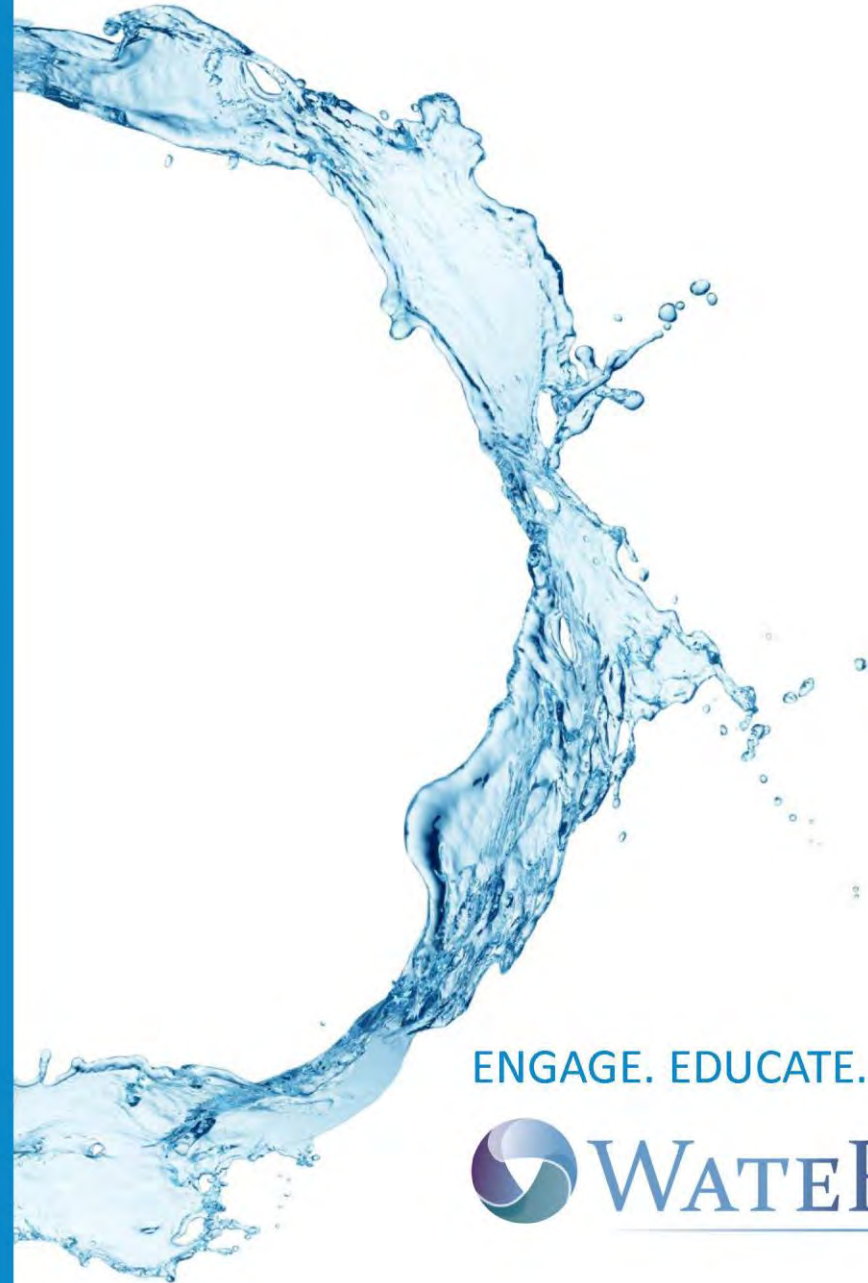
State Section Update

- ▶ **WaterReuse California Conference**
 - November 5-7
 - Indian Wells
 - **Volunteer Opportunities**
 - Awards program
 - Technical Committee

LEGISLATIVE AND REGULATORY UPDATE

Rosario Cortés
Manager of Regulatory Affairs
WaterReuse California

Thursday, March 30, 2023



ENGAGE. EDUCATE. ADVOCATE.



State Budget

- Major deficit expected for 2023/24 budget
 - Legislative Analyst's Office has published [*The 2023-24 Budget Crafting Climate, Resources, and Environmental Budget Solutions*](#)
- \$270 million in proposed in Governor Newsom's budget for recycled water (\$100 million recycled water and \$170 potable reuse)
 - **Cutting recycled water funding is under consideration**
 - [WRCA submitted a coalition letter on March 17, 2023](#) and testified in Senate Budget Subcommittee 2 hearing.
 - Next budget hearing on this topic is in the Assembly Subcommittee 3 Climate Crisis, Resources, Energy, and Transportation on April 19, 2023
- Budget contains \$7 million for DWR to conduct a study on the impacts of the 2030 indoor water use standard (42 GPCD) on water, recycled water, water and wastewater



Budget Trailer Bill: New Proposed Recycled Water Fee

- Budget Trailer Bill (BTB) was briefly heard in March the Senate Subcommittee 2 on Resources, Environmental Protection and Energy
- Will be heard next in April in the Assembly Subcommittee 3 Climate Crisis, Resources, Energy, and Transportation
 - [Water Recycling Project Fees](#)
- BTB grants authority for a new \$6 million recycled water fee
- Assuming it passes, stakeholder process to work out details in spring 2023
- Proposes this staffing:
 - Primarily Regional Board staff and 4 Division of Water Quality/2 Division of Drinking Water
 - 19 positions (23/24)
 - 28 positions (24/25 and moving forward)
- [WRCA submitted a comment letter on March 9, 2023](#)



State Legislature

- Bills of interest to WRCA
 - [AB 1573: Water conservation: landscape plants: nonfunctional turf:](#)
WRCA position: Watch [watch the definition closely]
 - [SB 366 \(Caballero\): California Water Plan:](#)
WRCA position: Support
 - [SB 745: The Drought-Resistant Buildings Act:](#)
WRCA position: Oppose unless amended
- Bonds that have been introduced for the 2024 ballot
 - WRCA asked for \$1.5 billion for recycled water and potable reuse
 - [SB 867 \(Allen\)](#)
 - [AB 1567 \(Garcia\)](#)



WRCA Regulatory Priorities

- DPR Regulations
 - The formal rulemaking process will begin May 2023 with the release of the New DPR Draft
 - WRCA DPR Working Group working with the Division of Drinking Water (DDW) on outstanding issues
 - Due on December 31, 2023
- Onsite Reuse Regulations
 - Expected late spring
 - Overdue already as they were due on or before December 1, 2022
- Cross-Connection Control Policy Handbook (formally Title 17)
 - Allows swivel ell as a recycled water change over device
 - WRCA is supportive as this is consistent with WRCA sponsored AB 1180 (Friedman, 2019)



Water Use Efficiency Implementation Timeline

- March 22: Water Board Holds Workshop on “Framework” – WRCA testifies

WRCA submitted 2 comment letters

[March 15, 2023](#)

[March 29, 2023](#)

- [State Board staff presentation](#) and the [State Board’s Fact Sheet](#) on this framework
- May 2023: Begins formal rulemaking (will include a 45-day public comment period)



WRCA Response to Water Board Conservation Framework

- Support: 1.0 EFT for recycled water irrigation
 - Oppose: Nonfunctional turf irrigated with recycled water being treated as potable water
- Support: Potable reuse bonus incentive
 - Technical change requested to include five-year average for calculation
- Support: Variance up to 1.26 ETF for high TDS recycled water irrigation
- Request: additional variance for indoor water use (Consistent with SB 1157 signing message)



WRCA Summary of Funding Opportunities

- Local, State and Federal Funding Opportunities
APRIL 2023 table includes programs, total allocations and funding available this round as well as contacts



WRCA Leg-Reg Meetings

- Our next WRCA Leg-Reg Meeting is virtual
 - Noon – 2:30PM ~ Friday, April 21, 2023
 - Zoom Meeting link and agenda to follow





Questions?

For further information:

Rosario Cortes
rcortes@watereuse.org

State Section Update

▶ Potential Funding for Projects

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
MWD On-Site Retrofit Program (OSRP) * <i>*only MWD members are eligible for this funding</i>	\$2M per year	\$195/acre-foot over 10 years.	Provides financial incentives directly to customers	Public and private owners to convert potable water irrigation or industrial water systems to utilize recycled water.	SOLICITATION OPEN	First come first serve basis starting 7/1 through 6/30 or until funds are exhausted.	Contact: Jessica Arm, Associate Resource Specialist jarm@mwdh2o.com http://www.bewaterwise.com/on-site-retrofit-program.html
MWD Local Resource Program (LRP)* <i>*only MWD members are eligible for this funding</i>			Provides financial incentives for the development of water recycling, groundwater recovery, and seawater desalination projects.	Projects can include: <ul style="list-style-type: none"> • Water recycling • Groundwater recovery • Seawater desalination Three incentive payment options: <ul style="list-style-type: none"> • Sliding scale incentives up to \$340/AF over 25 years, • Sliding scale incentives up to \$475/AF over 15 years, or • Fixed incentive up to \$305/AF over 25 years. 	SOLICITATION OPEN	First come first serve basis starting 7/1 through 6/30 or until funds are exhausted.	Contact: Nadia Hardjadinata Resource Specialist nhardjadinata@mwdh2o.com http://www.mwdh2o.com/AboutYourWater/Planning/Funding-Programs/Local-Resource-Program-Funding
Water Savings Incentive Program			Open to all commercial, industrial, agricultural, institutional and large Landscape customers	Project examples: <ul style="list-style-type: none"> • Replacement of older, less water-efficient equipment, • Comprehensive changes to industrial processes that reduce water consumption, • Improvements to existing irrigation systems and landscaping to improve water use efficiency. 	SOLICITATION OPEN	Payment amount is up to \$0.60 per 1,000 gallons saved per year over the project live, up to a maximum of 10%. Incentives are limited to 50% of eligible project costs	

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
SoCal Water\$mart		Dependent on type of project	Business and residential rebates to help encourage water efficiency and conservation	Commercial Projects: Plumbing Fixtures Landscaping Equipment Food and HVAC Equipment Medical and Dental Equipment Residential Projects: Turf Removal Residential Devices	SOLICITATION OPEN		https://socalwatersmart.com/en/commercial https://socalwatersmart.com/en/residential
SWRCB Division of Financial Assistance: Drinking Water State Revolving Funding	\$650 Million		Planning/design and construction of drinking water infrastructure projects including: <ul style="list-style-type: none"> • treatment systems • distribution systems • interconnections • consolidations • pipeline extensions • water sources • water meters 	<ul style="list-style-type: none"> • Publicly-owned community water systems (e.g., counties, cities, districts) • Privately-owned community water systems (e.g., for-profit water utilities, non-profit mutual water companies) • Non-profit or publicly-owned non-community water systems (e.g., public school districts) • Community water systems created by the project 	SOLICITATION OPEN	Complete and submit an application online through the Financial Assistance Application Submittal Tool (FAAST) at https://faast.waterboards.ca.gov	The application is also available on the DWSRF website at: https://www.waterboards.ca.gov/drinking_water/services/funding/SRF.html

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
SWRCB Division of Financial Assistance: Clean Water State Revolving Funding	\$650 Million		Construction of POTWs: <ul style="list-style-type: none"> Wastewater treatment Local sewers Sewer interceptors Water reclamation distribution Stormwater treatment Combined sewers Landfill leachate treatment Implementation of NPS projects to address pollution associated with: <ul style="list-style-type: none"> Agriculture Forestry Urban Areas Marinas Hydromodification Wetlands Development and implementation of estuary comprehensive.	<ul style="list-style-type: none"> Any city, town, district, or other public body created under state law, including state agencies A Native American tribal government or an authorized Native American tribal organization having jurisdiction over disposal of sewage, industrial wastes or other waste Any designated and approved management agency under Section 208 of the Clean Water Act 501(c)(3)'s and National Estuary Programs 	SOLICITATION OPEN	Complete and submit an application online through the Financial Assistance Application Submittal Tool (FAAST) at https://faast.waterboards.ca.gov	The application is also available on the CWSRF website at: https://www.waterboards.ca.gov/water_issues/programs/grants_loans/srf/

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
SWRCB Division of Financial Assistance: Proposition 1 Groundwater Grant Program	Proposition 1 provided \$900 million for a Groundwater Sustainability Program	Round 3 – Implementation Project only		Proposition 1 Groundwater Grant Program (Prop 1 GWGP) eligible projects must contribute to cleanup or prevention of contamination in the aquifer. However, Sections 4.5 and 4.6 of the Guidelines also allow for Prop 1 GWGP funds to be utilized for certain drinking water and wastewater projects serving disadvantaged communities (DAC)	SOLICITATION CLOSED	Applications are submitted using the Financial Assistance Application Submittal Tool (FAAST).	https://www.waterboards.ca.gov/water_issues/programs/grants_loans/proposition1/groundwater_sustainability.html
DWR Water Use Efficiency: CalConserve Revolving Fund (Proposition 1)	\$10M	\$10M	Sustainable funding source for urban water use efficiency projects.	Projects including but not limited to: <ul style="list-style-type: none"> • Dish/clothes washer upgrades • Water-saving plumbing fixtures • Hot-water recirculating pumps • Leak detection & repair • Landscape irrigation upgrades • Commercial, institutional, and industrial water efficiency 	Solicitation Open. Proposals accepted through GRanTS application	Continuously	<ul style="list-style-type: none"> • \$1.75 million is to be loaned out for water use efficiency upgrades • \$5 million is to be loaned out for fixing expensive and difficult to repair customer leaks
DWR IRWM Grant Program Implementation Grant (Proposition 1, Round 2)	The Round 2 solicitation will make approx. \$192 million (the remaining funds for implementation grants) for awards	TBD	Projects and programs that support IRWM.	<ul style="list-style-type: none"> • Water reuse & recycling • Water conservation • Surface storage/GW recharge • Conjunctive use • Water conveyance • Watershed restoration and protection • SW resource management • Desalination • WQ improvements 	SOLICITATION CLOSED		See link below for website: https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
DWR IRWM Grant Program Planning Grant (Proposition 1, Round 2)	\$5M	TBD	Projects and programs that support IRWM.	Planning projects that accomplish: <ul style="list-style-type: none"> • Development of an IRWM plan that meets the IRWM Plan Standards • Compliance with recent legislation • Improvement of an existing IRWM plan. 	SOLICITATION CLOSED		See link below for website: https://www.water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Proposition-1
DWR IRWM Grant Program DAC Involvement (Proposition 1)	\$51M statewide \$9.8 M for LA Region	\$9.8M for LA Region	Projects and programs that support IRWM.	Projects ensuring DAC involvement in IRWM planning efforts, including but not limited to eligible projects described in the Implementation Grant list.	Solicitations Continuously Open	SOLICITATION OPEN	
DWR 2022 Urban Community Drought Relief Funding	\$200M for Urban Communities, \$75M for Conservation for Urban Suppliers, and \$75M for Turf Replacement. The same Budget Act also authorized \$100 million for the Small Community Drought	\$300M	These grants are intended to provide water to communities that face the loss or contamination of their water supplies, to address immediate impacts on human health and safety, to secure the future of California's water supply, and to protect fish and wildlife resources	Eligible project types include: <ul style="list-style-type: none"> • Projects that support immediate drought response • Projects that enhance local supply and climate resilience through source watershed improvements, consistent with Water Code section 108.5, that defines source watershed as infrastructure • Drought resilience planning • Water conservation activities, • Turf replacement with drought tolerant landscaping <ul style="list-style-type: none"> • Hauled water • Installation of temporary or permanent community water tanks 	SOLICITATION CLOSED	Applications were due on 1/31/2023 electronically via GRanTS.	Final 2022 Urban Community Drought Relief GL/PSP (ca.gov)

PROGRAM	Total allocation	Funding available this Round	Purpose	Eligible Projects	Status	Anticipated Timeline	Notes
	Relief Program			<ul style="list-style-type: none"> • Bottled water • Water vending machines • Emergency water interties • New wells or rehabilitation of existing wells • Construction or installation of permanent connection to adjacent water systems, recycled water projects that provide immediate relief to potable water supplies, and other projects that support immediate drought response • Fish and wildlife rescue, protection, and relocation 			

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
WaterSMART Grants – FY 2023 Drought Response Program Drought Resiliency Projects	Purpose: Funding for on-the-ground projects and modeling tools that will increase water reliability and improve water management.	Category A Applicants: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority. Category B Applicants: Nonprofit conservation organizations that are acting in partnership and with the agreement of an entity described above. Applicants must be located in the Western United States or United States Territories specifically: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming (the “Western United States”).	Funding Group I: Up to \$500,000 per agreement for smaller, on-the-ground projects that should be completed within 2 years. Funding Group II: Up to \$2 million for projects to be completed within 3years; and beginning this year, up to \$5 million for large projects to be completed within three years. Non-Federal Cost Share: 50% or greater.	A Funding Opportunity to allocate FY23 appropriations and Bipartisan Infrastructure Law funding <u>has been</u> posted on grants.gov. For more information: https://www.grants.gov/web/grants/view-opportunity.html?oppld=335035 Applications received by June 15, 2022, are currently under review.
WaterSMART Grants – FY 2023 Water and Energy Efficiency Grants	Purpose: On-the-ground water management improvement projects, including projects that conserve water and address water supply reliability.	Category A Applicants: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority. Category B Applicants: Nonprofit conservation organizations that are acting in partnership and with the agreement of an entity described above. Applicants must be located in the Western United States or United States Territories specifically: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming (the “Western United States”), and American Samoa, Guam, the Northern Mariana Islands, the Virgin Islands, and Puerto Rico (“Territories”) (collectively “Western United States or Territories”).	Funding Group I: Up to \$500,000 per agreement for smaller, on-the-ground projects that should be completed within 2 years. Funding Group II: Up to \$2 million for projects to be completed within 3years; and beginning this year, up to \$5 million for large projects to be completed within three years. Non-Federal Cost Share: 50% or greater.	A Funding Opportunity to allocate FY23 appropriations and Bipartisan Infrastructure Law funding has been posted on grants.gov. For more information: https://www.grants.gov/web/grants/view-opportunity.html?oppld=335103 Closed on July 27, 2022. Selection is estimated to be March 31, 2023.

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
WaterSMART Grants – FY 2022 Small-Scale Water Efficiency Projects	Purpose: To support small water efficiency improvements that have been identified through previous planning efforts.	Category A Applicants: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority. Category B Applicants: Nonprofit conservation organizations that are acting in partnership and with the agreement of an entity described above. Applicants must be located in the Western United States or United States Territories specifically: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming (the “Western United States”),	Up to \$100,000 for projects to be completed within two years. Total project costs should generally be less than \$225,000. Non-Federal Cost Share: 50% or greater.	FY23 Funding Opportunity was posted to grants.gov on February 24, 2022. Applications received by April 28, 2022, are currently under review.
WaterSMART Grants – FY 2021 Water Marketing Strategy Grants	Purpose: Planning activities to develop water marketing strategies that establish or expand water markets or water marketing activities between willing participants.	Category A Applicants: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority. Category B Applicants: Nonprofit conservation organizations that are acting in partnership and with the agreement of an entity described above. Applicants must be located in the Western United States or United States Territories specifically: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming (the “Western United States”), and American Samoa, Guam, the Northern Mariana Islands, the Virgin Islands, and Puerto Rico (“Territories”) (collectively “Western United States or Territories”).	Up to \$200,000 for projects to be completed within two years; or up to \$400,000 for projects to be completed within three years. Non-Federal Cost Share: 50% or greater.	FY21 selections were announced July 1, 2021.

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
WaterSMART Grants – FY 2023 Coming Soon! Environmental Water Resources Projects	Purpose: Eligible projects under this funding opportunity include Environmental Water Resources Projects, including water conservation and efficiency projects that result in quantifiable and sustained water savings and benefit ecological values or watershed health, water management or infrastructure improvements to benefit ecological values or watershed health, and restoration projects benefitting ecological values or watershed health that have a nexus to water resources or water resources management.	Category A Applicants: States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority. Category B Applicants: Nonprofit conservation organizations that are acting in partnership and with the agreement of an entity described above. Applicants must be located in the Western United States or United States Territories specifically: Alaska, Arizona, California, Colorado, Hawaii, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming (the “Western United States”), and American Samoa, Guam, the Northern Mariana Islands, the Virgin Islands, and Puerto Rico (“Territories”) (collectively “Western United States or Territories”).	Reclamation will provide Federal financial assistance of up to \$3 million in Federal funding for projects with a total project cost of \$6 million or less that can be completed in three years. Applicants can receive 75% Federal cost-share if the application demonstrates that the project increases water supply reliability for ecological values, was developed as part of a collaborative process, and the project benefits will advance an established strategy or plan to increase the reliability of water supply for consumptive and non-consumptive ecological values.	For more information: https://www.usbr.gov/watersmart/ewrp/index.html
WaterSMART Grants – FY 2022 Applied Science Grants	Phase I Projects to develop hydrologic information and water management tools and to improve modeling and forecasting capabilities.	States, Indian tribes, local and special districts (e.g., irrigation and water districts), local governmental entities, and non-profit organizations that are located in the Western United States or Territories.	Up to \$200,000 per agreement for a project that can be completed within 2 years. Non-Federal Cost Share: 50% or greater	FY22 Funding Opportunity was posted on grants.gov on February 16, 2022. FY22 selections were announced August 25, 2022.

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
WaterSMART Grants – FY 2022 Cooperative Watershed Management Program	Phase I Watershed group development, watershed restoration planning, and watershed management project design.	States, Indian tribes, local and special districts (e.g., irrigation and water districts), local governmental entities, and non-profit organizations that are located in the Western United States or Territories.	Up to \$200,000 may be awarded to an applicant per year, for a period of up to two years. Non-Federal Cost Share: No non-Federal cost-share required.	FY22 Funding Opportunity was posted to grants.gov on January 24, 2022. Applications received by September 14, 2022, are currently under review.
WaterSMART Grants – FY 2022 Drought Emergency Response Actions	Emergency response actions undertaken by Reclamation to minimize losses and damages resulting from drought.	States and Indian tribes in the Western United States (except Alaska).	Funding availability is dependent on appropriations. No cost-share is required	Reclamation will accept emergency assistance requests on an on-going basis.
WaterSMART Grants – FY 2023 Drought Contingency Planning Funding	Funding for development, or update, of comprehensive drought plans	States, Indian tribes, irrigation districts, water districts, or other organizations with water or power delivery authority located in the 17 Western States, Hawaii, American Samoa, Guam, the Northern Mariana Islands, or the Virgin Islands.	Up to \$200,000. Non-Federal Cost Share: 50% or greater.	FY22 selections were announced on August 2, 2022. Six projects were selected to receive \$865,480 in federal funding. Applications for FY23 received by April 14, 2022, are currently under review.
WaterSMART Grants – FY 2022 Desalination and Water Purification Research Program	Laboratory-scale and pilot-scale research projects to increase water supplies by reducing the cost, energy consumption, and environmental impacts of treating impaired or otherwise unusable waters.	States, Indian tribes, local and special districts (e.g., irrigation and water districts), local governmental entities, and non-profit organizations that are located in the Western United States or Territories. Universities, private industry, water utilities, and other research sponsors may submit proposals.	Up to \$2 million is available. Laboratory-scale projects are eligible for up to \$250,000 in funding over two years. Pilot-scale projects are eligible for up to \$800,000 in funding over three years.	To view this funding opportunity, please visit www.grants.gov and search for funding opportunity number R23AS00390. Applications received by November 30, 2022, are currently under review.

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
WaterSMART Grants – FY 2023 Small Storage Program	The upcoming funding opportunity supports the implementation of small surface storage, groundwater storage, and conveyance projects that will enhance water storage opportunities.	Through this funding opportunity, Reclamation will provide financial assistance for projects that, when implemented, will increase water supply reliability, improve operational flexibility, and enhance climate resiliency of water and related infrastructure throughout the 17 western states, Alaska, and Hawaii.	The Federal cost share for small surface water and groundwater storage projects are limited by law to not more than 25 percent of the total cost of planning, design, and construction and to not exceed \$20 million.	To view this funding opportunity, please visit www.grants.gov and search for funding opportunity number R23AS00019. Applications received by December 9, 2022, are currently under review.
WaterSMART Grants – FY 2023 and FY 2024 Water Conservation Field Services Program	The Water Conservation Field Services Program (WCFSP) was established by Reclamation in 1996 to proactively encourage water conservation in the operations of recipients of water from Federal water projects and to assist agricultural and urban water districts in preparing and implementing water conservation plans in accordance with the Reclamation Reform Act of 1982.	The WCFSP is managed by each of Reclamation’s regional offices and implemented at the local level through Reclamation’s area offices to address Reclamation-wide water conservation priorities and to meet local goals. Funding is used to make cost-shared financial assistance available on a competitive basis at the area and regional office levels, as well as for technical assistance from Reclamation staff. Funding may be used to develop water conservation plans, identify water management improvements through System Optimization Reviews, design water management improvements, and to improve application of water conservation technologies through demonstration activities.	The Federal cost share is 50 percent of the total cost and up to \$100,000 per entity.	For more information regarding the Water Conservation Field Services Program, please contact Sheri Looper at 303-445-2232 or slooper@usbr.gov . Or you may contact your regional contact: Columbia-Pacific Northwest: Leah Meeks, (208) 378-5025, lmeeks@usbr.gov Lower Colorado Basin: Ken Isakson, (702) 293-8537, kisakson@usbr.gov Missouri Basin: Denis Kelsch, (406)247-7664, dkelsch@usbr.gov Upper Colorado Basin: Gary McRae, (801) 524-3656, gmcray@usbr.gov 2nd Closing Date: October 13, 2023.

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
<p>Title XVI Water recycling and Desalination Planning</p>	<p>The objective of this NOFO is to invite eligible applicants to leverage their funds and resources by cost sharing with Reclamation on the following activities:</p> <ul style="list-style-type: none"> • The development of new water recycling and desalination feasibility studies. • Planning and preliminary design activities for water recycling or desalination construction projects. • Environmental compliance activities for water recycling or desalination construction projects 	<p>Funding Group I: States, Indian Tribes, irrigation districts, and water districts; and any state, regional, or local authority. All applicants must be located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended or Hawaii.</p> <p>Funding Group II: States, Indian Tribes, municipalities, irrigation districts, water districts, wastewater districts; and any state, regional, or local organization with water or power delivery authority. All applicants must be located in the Western United States or United States Territories as identified in the Reclamation Act of June 17, 1902, as amended.</p>	<p>Funding Group I applicants may request up to \$1 million in federal funding for projects with an anticipated total project cost of less than \$500 million.</p> <p>Funding Group II applicants may request up to \$5 million in federal funding for projects with an anticipated total project cost of greater than \$500 million.</p> <p>Applicants may request reimbursement for work that can be completed within two years. Federal cost-share is limited to 50% of total costs for projects under Funding Group I and 25% of total costs for projects under Funding Group II.</p>	<p>To view this funding opportunity, please visit www.grants.gov and search for funding opportunity number R23AS00076.</p> <p>Applicants received by February 28, 2023, are currently under review.</p>

PROGRAM TITLE	Description	Eligible Applicants	Federal/Non-Federal Cost Share	Current Status
Title XVI Authorized Projects	Funding for planning, design, and construction of specific congressionally authorized water recycling and reuse projects	Sponsors of water reclamation and reuse projects specifically authorized for funding under Title XVI of P.L. 102-575.	Typically, between \$1 million and \$6 million per applicant. Non-Federal Cost Share: 75% or greater.	FY22 appropriations were transmitted to Congress on November 30, 2022, and projects were named in FY23 appropriations legislation. The next Funding Opportunity is expected summer 2023.
Title XVI WIIN Act Water Reclamation and Reuse Projects	Funding for planning, design, and construction of WIIN Act water recycling and reuse projects	Sponsors of water reclamation and reuse projects with completed feasibility studies that have been submitted to Reclamation for review.	Typically, between \$1 million and \$6 million per applicant. Non-Federal Cost Share: 75% or greater.	Project selections for FY22 appropriations were transmitted to Congress on November 30, 2022, and projects were named in FY23 appropriations legislation. The next Funding Opportunity is expected summer 2023.
USEPA Water and Infrastructure Finance and Innovation Act (WIFIA) Program	Wastewater conveyance and treatment projects Drinking water treatment and distribution projects Enhanced energy efficiency projects at drinking water and wastewater facilities Desalination, aquifer recharge and water recycling projects	Local, state, tribal and federal government entities Partnerships and joint ventures Corporations and trusts CWSRF and DWSRF programs	\$20M minimum project size for large communities \$5M minimum project size for small communities (<25,000)	Funding available now 49% maximum portion of eligible project costs that WIFIA can fund EPA announces WIFIA funding availability and application process details in the Federal Register and on its website (www.epa.gov/wifia) NEPA, Davis-Bacon, American Iron and Steel and all federal crosscutter provisions apply. Includes acquisition of property if it is integral to the project or will mitigate the environ. impact of a project.

(1) The Summary of Funding Opportunities for local, State and Federal is not an exhaustive recycled water opportunities and welcome any input from the WateReuse membership to add additional opportunities from other organizations.

Upcoming Conferences, Webcasts & Meetings

- **Advancing the Implementation of Potable Reuse** | April 20 | 12 P.M.
- **National Water Policy Fly-In** | April 25 - 26 | Washington D.C.
- **Water Research Foundation: PFAS Communications Workshop** | April 27 | 6 AM
- **U.S. EPA Public Hearing: Proposed PFAS Rule** | May 4 | 8 A.M.
- **2023 WaterReuse CA Conf.** | November 5 - 7 | Indian Wells

Upcoming OC Chapter Meetings

- **June 15** – TBD
- **August 17** – TBD
- **October 19** – TBD
- **December 21** – TBD

See www.watereuse.org to register and for more information.

Other Announcements/Discussion Items

- ▶ **Poster for WRA Conference**

Roundtable: What's going on - All

THANK YOU

Meeting Adjourned