



**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

ACWA

Rick Shintaku, General Manager

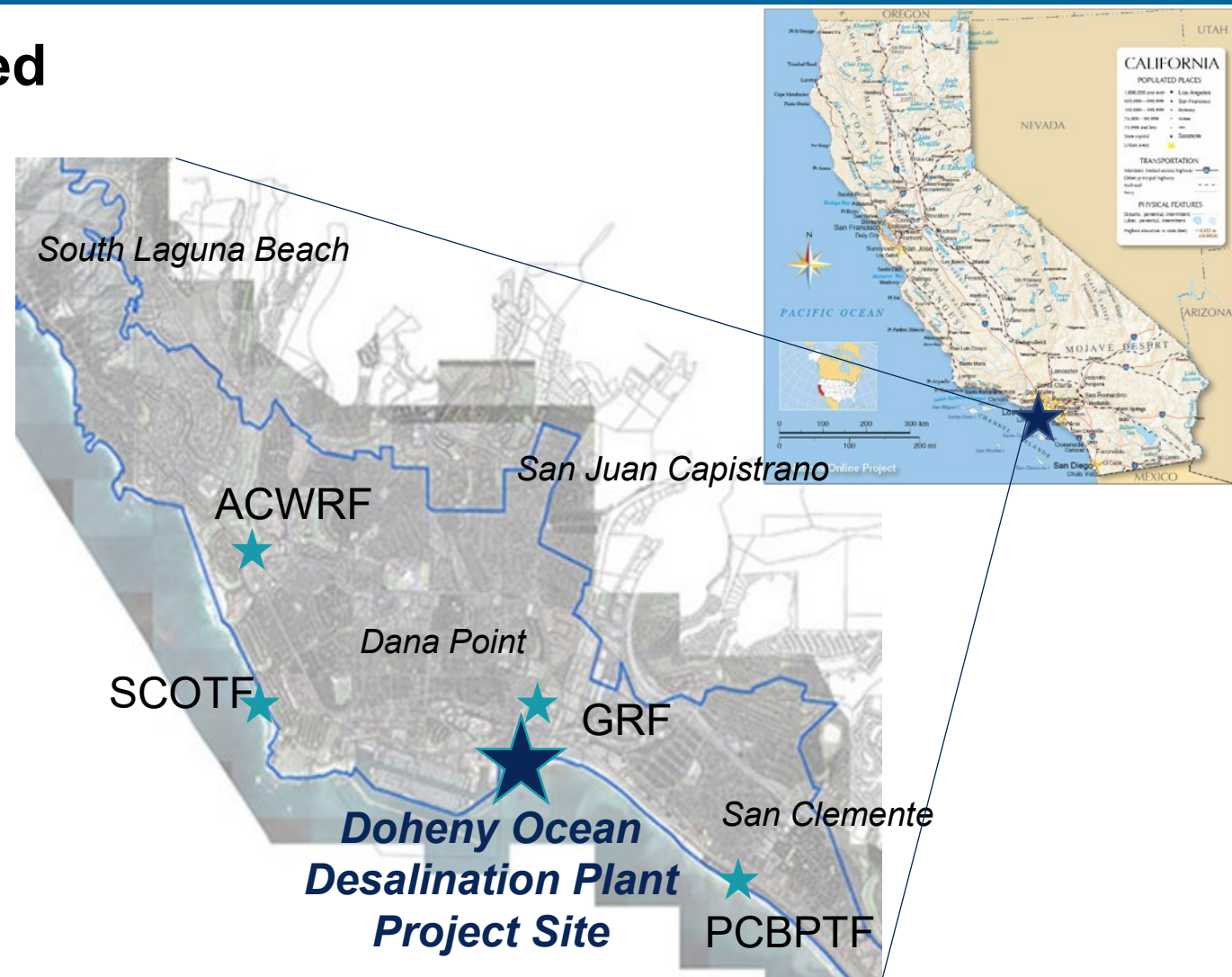
December 3, 2025

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



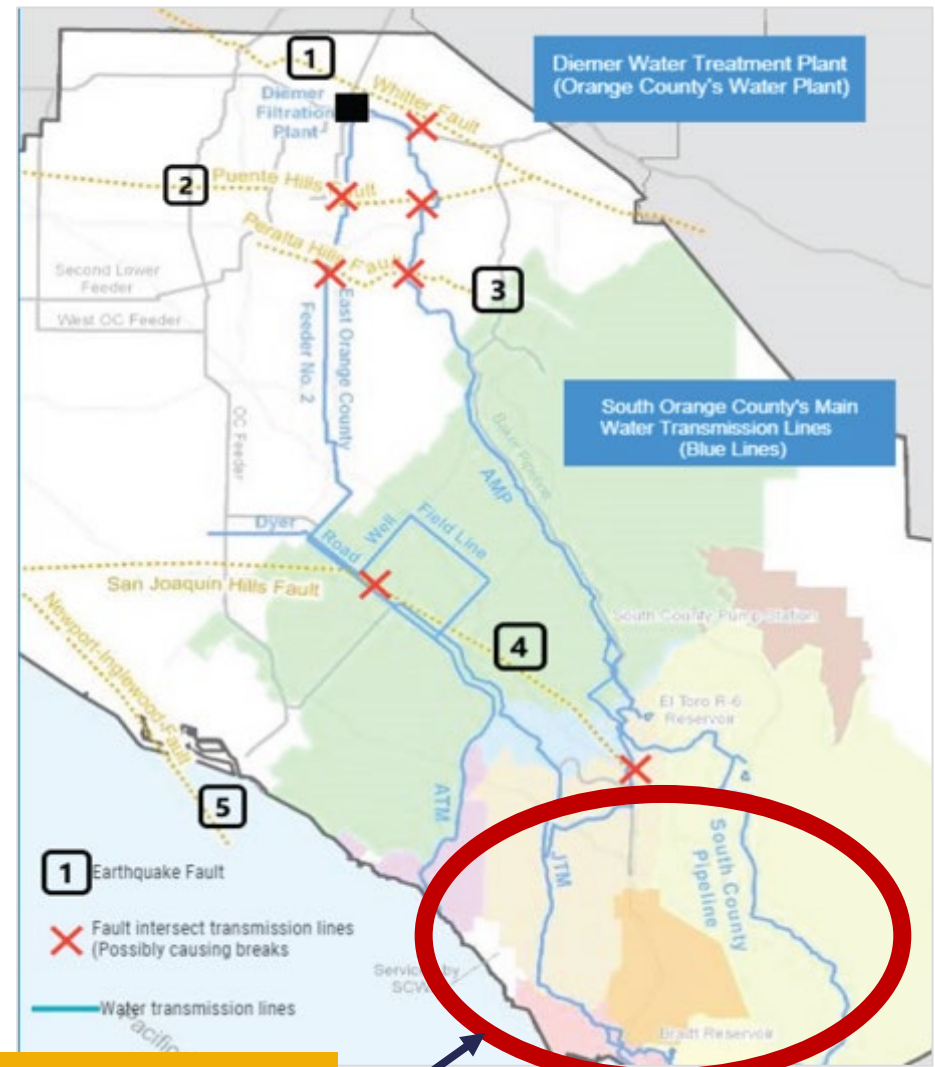
ACWRF: Aliso Creek Water Recovery Facility
GRF: Groundwater Recovery Facility
PCBPTF: Poche Beach Clean Beach Project Treatment Facility
SCOTF: Salt Creek Ozone Treatment Facility

Doheny Ocean Desalination Project



- **New Local Reliable Supply for the Region**
- **Drought Proof and Resilient to Climate Change**
- **Phase 1 Capacity at 5 MGD**
- **Potential Future Regional Supply – Up to 15+ MGD**
- **Progressive Design Build Operate Maintain (PDBOM) Delivery**

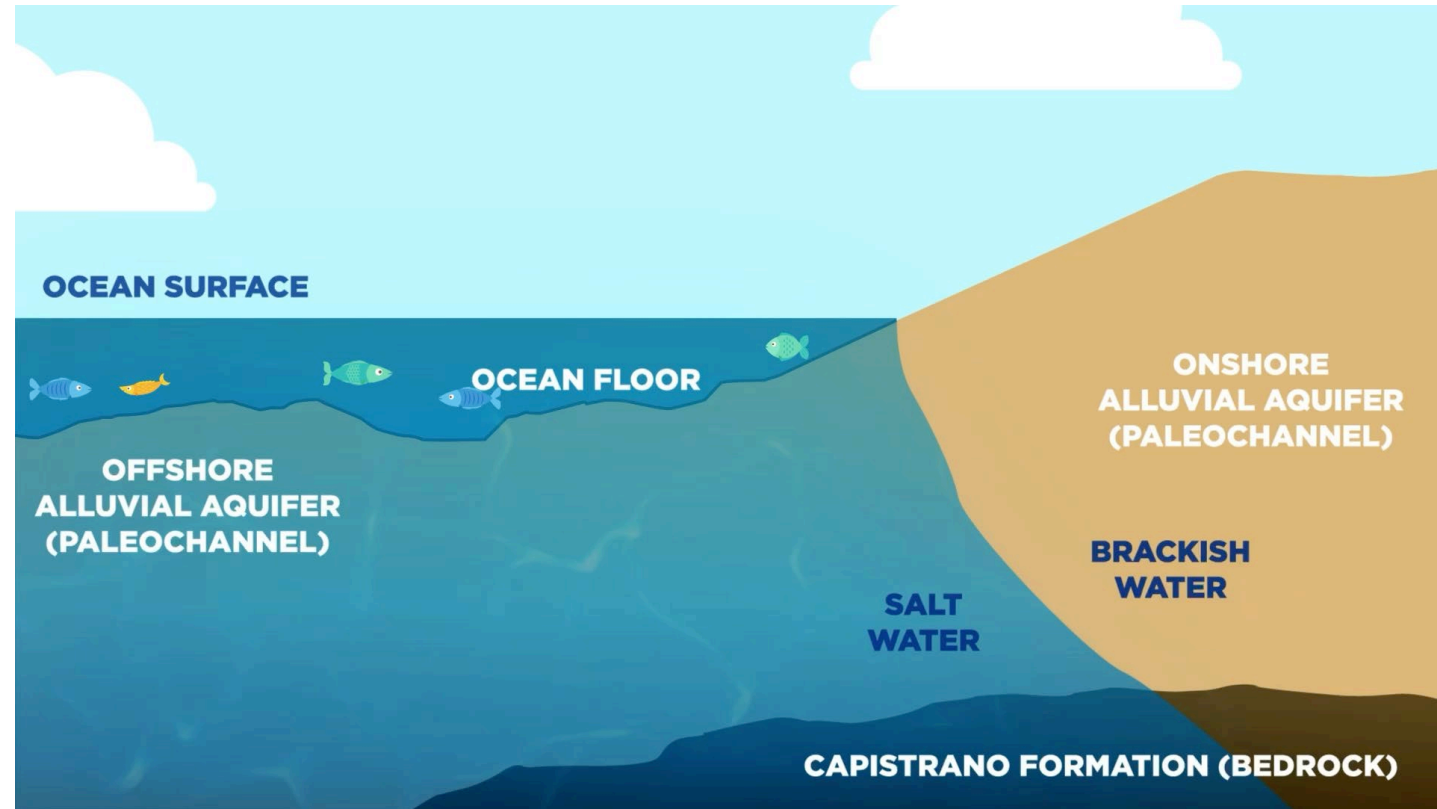
WATER RELIABILITY FOR SEISMIC RISKS



South OC – 90% Dependent on MWD Imported Supply

ENVIRONMENTAL STEWARDSHIP

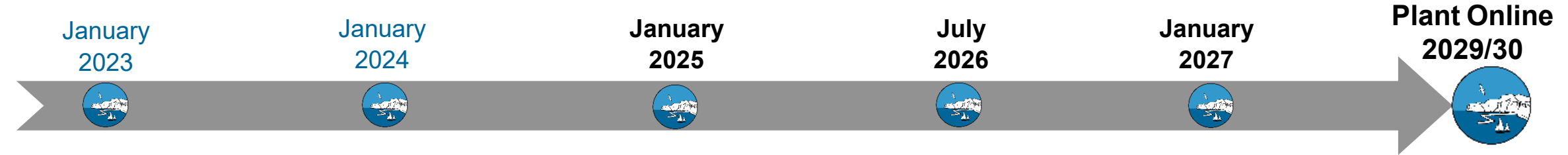
- California Ocean Plan preferred technologies
 - Subsurface Intake - Slant Wells
 - Commingled Brine Discharge
- Renewable Energy
 - Potential Landfill Gas-to-Energy Project – Prima Deshecha Landfill
 - Onsite Solar / Battery Storage
- Dedicated R&D On Site



DOHENY PROJECT – OVERVIEW OF PROJECT COMPONENTS



ANTICIPATED SCHEDULE



Agency Participants Cost Share Agreement Development for First Phase Design

Project Delivery:

Progressive DBOM Contract Development & Award

Phase 1 Services Contract

Design (60% Level) and GMP



Phase 2 Amended and Restated Services Contract

Final Design, Construction, Commission, Operation

Phase 1 Funding / Finance Plan

WIFIA / SRF / CP and Water Purchase Agreements



SOUTH COAST
WATER DISTRICT

Partnering With The Community

Thank You!

SCWD.ORG/DohenyDesal



@SouthCoastWater



OPTIONAL SLIDES



REGIONAL WATER SUPPLY EXCHANGE OPPORTUNITY

Local Partners – SCWD & LBCWD (*CSC and SMWD under consideration*)

Inland Partners – Eastern Municipal Water District (EMWD)

- **Working with EMWD, MWDOC, and MWD on Water Exchange Policy - (LSEF) Local Supply Exchange Framework**
- Provide MWD policy opportunity to facilitate investments and exchanges of new local water supplies to increase water supply reliability in MWD's service area

