

San Diego Region Update

Water Quality Coordination Committee Meeting

October 27, 2022



San Diego Water Board Practical Vision (2021)

1. Strategize for Healthy Waters
2. Monitor and Assess
3. Recover Stream, Wetland, and Riparian Land
4. Implement Racial Equity and Environmental Justice Measures
5. Partner and Consult with Tribal Nations
6. **Strategize to Achieve Resilient Local Water Supply**
7. **Mitigate Climate Change Impacts**
8. Provide Effective Community Engagement and Communication
9. Create a Supported, Empowered, Energized Organizational Community
10. Ensure Effective Mission Support



Resilient Local Water Supply

- ◆ Drought Resilience Conservation Outreach
- ◆ Conservation Enforcement Actions
- ◆ Expansion of Recycled Water Production and Reuse
- ◆ Salt & Nutrient Management Plans
- ◆ Adoption of NPDES Permits & Master Reclamation Permits for
 - Desalination Plants
 - Indirect Potable Reuse (IPR) Projects
 - Recycled Water Reuse Facilities



Resilient Local Water Supply

- ◆ Carlsbad Poseidon Desalination Plant
- ◆ City of San Diego Pure Water Project
- ◆ City of Oceanside Indirect Potable Reuse
- ◆ Doheny Desalination Project
- ◆ East County Advanced Water Purification Project
- ◆ City of Escondido Recycled Water Projects
- ◆ Sweetwater Authority Groundwater Desalination



DOHENY OCEAN
DESALINATION
PROJECT

Local Water, Local Control.

Sponsored by South Coast Water District



Hale Avenue Resource Recovery Facility
Membrane Filtration/Reverse Osmosis Project

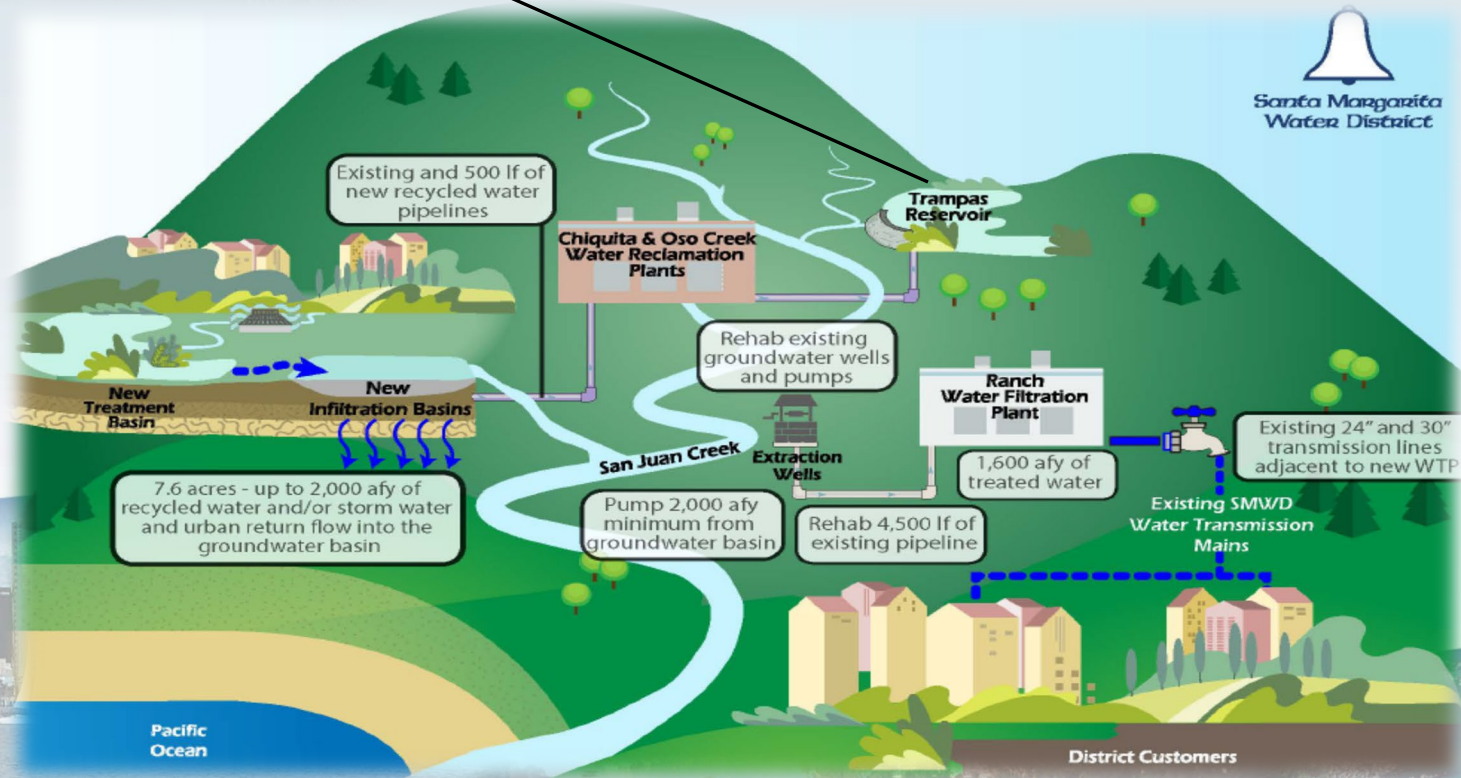


Storm Water & Recycled Water Groundwater Augmentation Projects



Santa Margarita Water District

- ◆ Recycled Water Reuse
- ◆ Stormwater Capture
- ◆ Enhanced Infiltration



Groundwater Protection of Drinking Water Supplies

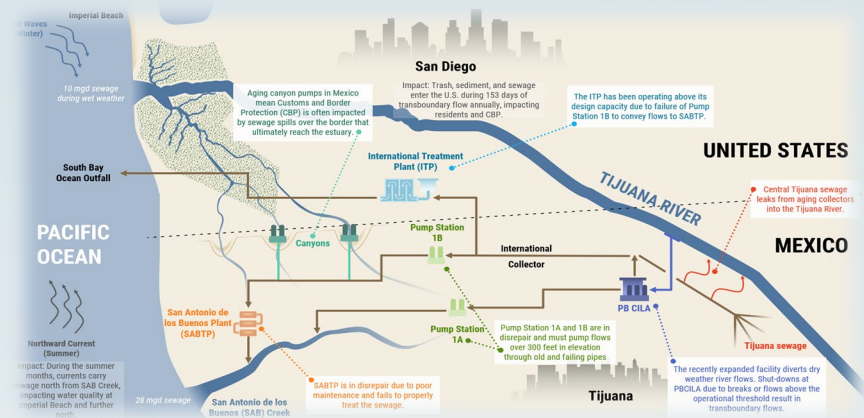
- ◆ Camp Pendleton seawater intrusion barrier
- ◆ Mission Valley Terminal Aquifer Clean Up
- ◆ Temecula Valley Wine Country Sewer Line
- ◆ Ponte Winery WDRS
 - Stormwater Capture and Use
 - Recycled Water Reuse
 - Conservation
 - Groundwater Augmentation



Binational Water Supply Resiliency Projects

USMCA Recycled Water Reuse Projects

- ◆ Arturo Herrera & La Morita Plants
- ◆ Rodriguez Reservoir augmentation
- ◆ US IBWC International Wastewater Treatment Plant Recycled Water Reuse
- ◆ CESPT San Antonio de los Buenos Recycled Water Reuse Potential Project



Mitigate Climate Change

Proactively safeguard beneficial uses from the negative impacts of climate change, with an emphasis on equity and environmental justice.

Planning

- ✓ Climate Science Liaison
- ✓ Climate Change Action Plan
- ✓ Tijuana River Valley Adaptation Plan
- Biological Objectives
- Salt & Nutrient Management Plans

Actions

- ✓ DoD Clean Up Records of Decision
- ✓ Ocean Monitoring Requirements Updated
- ✓ Expedited Review of Coastal Rail Repairs
- ✓ Expedited Approval of Water Supply Resiliency Projects
- ✓ Coastal Wetlands Mitigation Projects



Question & Discussion

