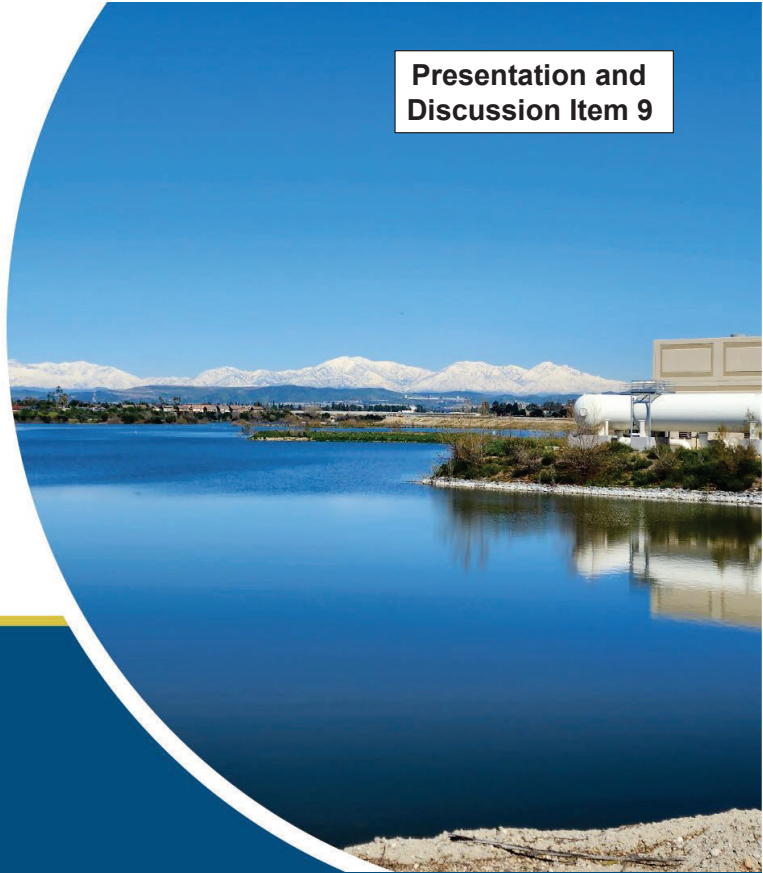




OCWD Resilience Plan: Adaptive Strategies for Securing Abundant and Reliable Water Supplies

Introduction to Priority Projects

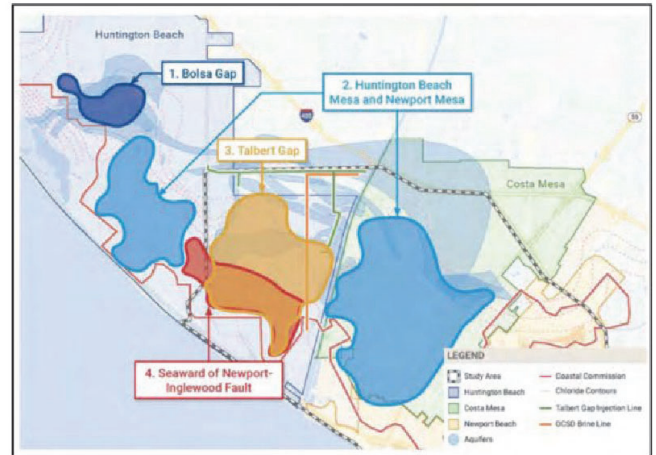


Priority Projects List

Proj No.	Category	Asset	Project Name
1	Basin Management	Groundwater Basin	PFAS Treatment Project
2	Basin Management	Groundwater Basin	Sunset Gap Barrier Project
3	Basin Management	Groundwater Basin	Groundwater Basin Operating Range Expansion Study
4	Basin Management	Groundwater Basin	South Basin Groundwater Protection Project (SBGPP)
5	Basin Management	Groundwater Basin	Talbert Barrier Injection Well Replacement and Optimization
6	Water Supply	GWRS	GWRS Supply Augmentation (includes 3 projects below)
6a			Diversions from SARI to OCSD Plant #1
6b			Urban Runoff Diversion to OCSD
6c			Demonstration Scale Test of Flow Reversal RO to Enhance GWRS Recovery via Retrofit of One RO Unit
7	Water Supply	Groundwater Basin	Brackish Water Desalination Study
8	Water Supply		Increasing Storm Water Capture
8a		Santa Ana River	Incorporate FRO into Prado Water Control Manual
8b		Natural Resources	Prado Dam Habitat Assessment Tool Development
8c		Santa Ana River	Local Storm Water Capture to Recharge System
9	Water Supply	Natural Resources	Prado Basin Sediment Management Regional Strategic Plan
10	Recharge Facilities	GWRS	GWRS Recharge Optimization (includes 7 projects below)
10a			Injection Wells at ARTIC and Bail Road Basin
10b			GWRS Burris Basin Turnout
10c			Recharge of GWRS Water Using Horizontal Collector Well
10d			Permitting Locations for Additional GWRS Recharge
10e			Supplying Sunset Gap with GWRS water
10f			Subsurface Recharge of GWRS water
10g			Purchase Land for New GWRS Recharge Basins
11	Recharge Facilities	Santa Ana River	Desilting Santa Ana River Flows
12	Recharge Facilities	Groundwater Basin	Anaheim Lake Recharge Basin Rehabilitation
13	Recharge Facilities	Santa Ana River	Recharge in Lower Santiago Creek
14	Op. Improvements	Santa Ana River	Warner System Optimization
15	Op. Improvements	Groundwater Basin	Recharge Conveyance Optimization
16	Op. Improvements		Zero Emission Vehicle Charging Infrastructure

7. Brackish Water Desalination Study

- Examine the potential of extracting, treating, and delivering brackish groundwater as a new local source of supply
- Study, called the Local Groundwater Supply Improvement Project (Local SIP), received grant funding from USBR
- Partnering with Mesa Water, City of Huntington Beach, and City of Newport Beach



Water Supply



ORANGE COUNTY WATER DISTRICT



Questions?

ORANGE COUNTY WATER DISTRICT