



One Water & Stewardship Committee

Authorize entering into four separate Local Resources Program agreements with Eastern Municipal Water District, Las Virgenes Municipal Water District, Municipal Water District of Orange County, and City of Los Angeles

Items 8-3, 8-4, 8-5, 8-6

April 8, 2024

Local Resources Program

Purpose

Provides incentives for Metropolitan's member agencies to develop new local projects to increase water supply reliability in the region



Recycled Water
(1982)



Groundwater Recovery
(1991)



Seawater Desalination
(2014)

Local Resources Program

Benefits



Increases regional
water supply reliability



Reduces demand for
imported water supplies



Decreases the burden on
Metropolitan's infrastructure



Legislative Mandate
(SB 60 - 1999)

Current Incentive Payment Structures

Payment Structure Alternatives	Maximum* Incentive Amount	Payment Period
1 – Sliding Scale	\$340/AF	25 years
2 – Sliding Scale**	\$475/AF	15 years
3 – Fixed Incentive Rate	\$305/AF	25 years

* Pay for project water used.

** Project must produce for 25 years



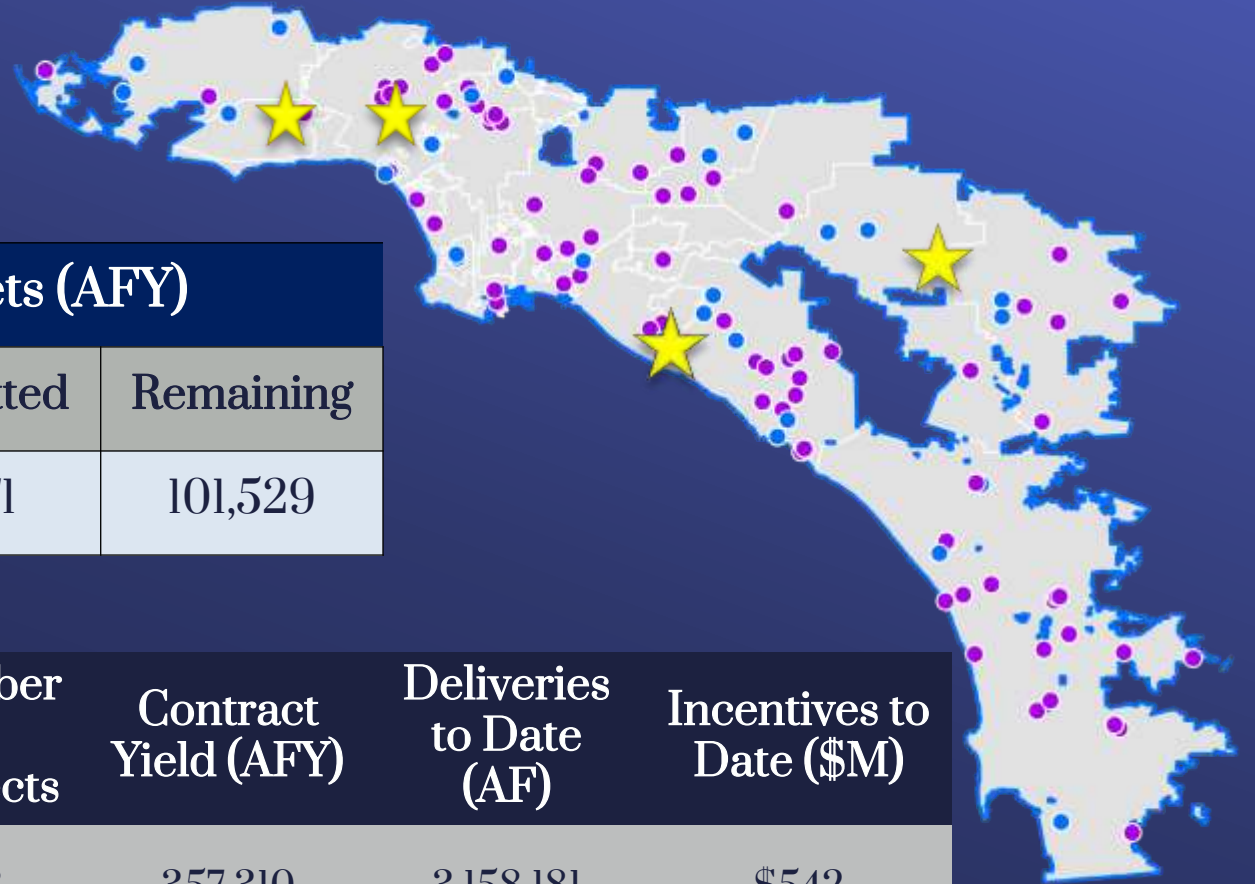
Local Resources Program

Summary To-Date



LRP Targets (AFY)		
Target	Committed	Remaining
170,000	68,471	101,529

Type	Number of Projects	Contract Yield (AFY)	Deliveries to Date (AF)	Incentives to Date (\$M)
Recycling ●	88	357,310	3,158,181	\$542
Groundwater Recovery ●	28	124,744	1,224,600	\$199
Total	116	482,055	4,382,781	\$741



Proposed Local Resources Program Agreements

	Project Name	Agreement Yield (AFY)	Member Agency	Board Action Item
1	Perris North Basin Groundwater Contamination Prevention and Remediation Program	3,466	Eastern Municipal Water District	8-3
2	PURE Water Project Las Virgenes-Triunfo	5,000	Las Virgenes Municipal Water District	8-4
3	Doheny Ocean Desalination Project	5,600	Municipal Water District of Orange County	8-5
4	Los Angeles Groundwater Replenishment Project	19,500	City of Los Angeles	8-6

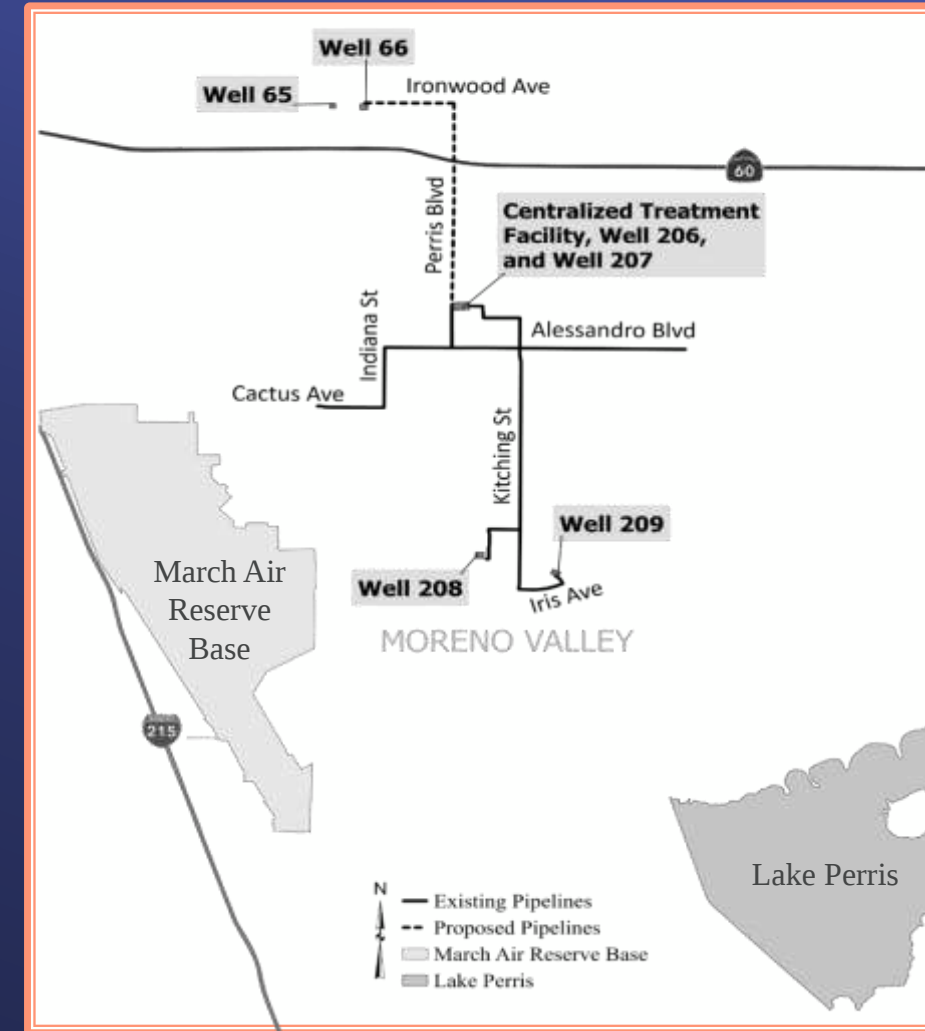


Perris North Basin Groundwater Contamination Prevention and Remediation Program

Perris North Basin Groundwater Contamination Prevention and Remediation Program

Description

- Treatment and conveyance of recovered groundwater
- New project facilities:
 - New Centralized Groundwater Treatment Facility
 - 12,300 linear feet of raw water conveyance pipeline
 - 6 wells & 16 monitoring wells
- Anticipated start of operation: 2025



Perris North Basin Groundwater Contamination Prevention and Remediation Program

Agreement Terms



3,466 AFY over 25 years

86,650 AF maximum contract yield over 25 years



Fixed incentives up to \$305/AF for 25 years

\$ 26.4 million maximum lifetime contract payment



Performance Provisions

- Start of construction and operation
- Production required over 25 years
- Production targets every four years

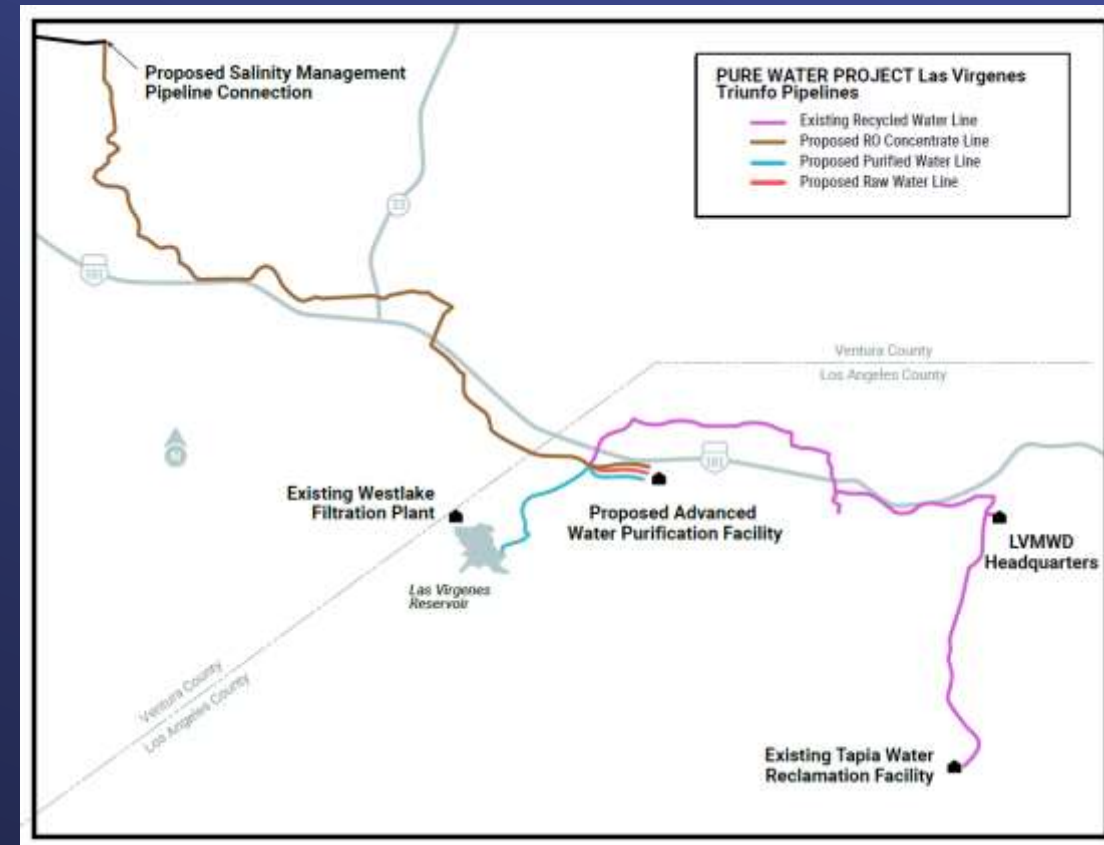


PURE Water Project

Las Virgenes-Triunfo

PURE Water Project Las Virgenes Triunfo Description

- Treatment & conveyance of purified recycled water
- New project facilities:
 - New Advanced Water Purification Facility
 - 18 miles of new pipelines
 - Source water
 - Purified water
 - RO Concentrate
- Anticipation start of operation: 2028



PURE
Water Project
Las Virgenes
Triunfo

Agreement Terms



5,000 AFY over 25 years

125,000 AF maximum contract yield over 25 years



Sliding scale up to \$340/AF for 25 years

\$ 42.5 million maximum lifetime contract payment



Performance Provisions

- Start of construction and operation
- Production required over 25 years
- Production targets every four years

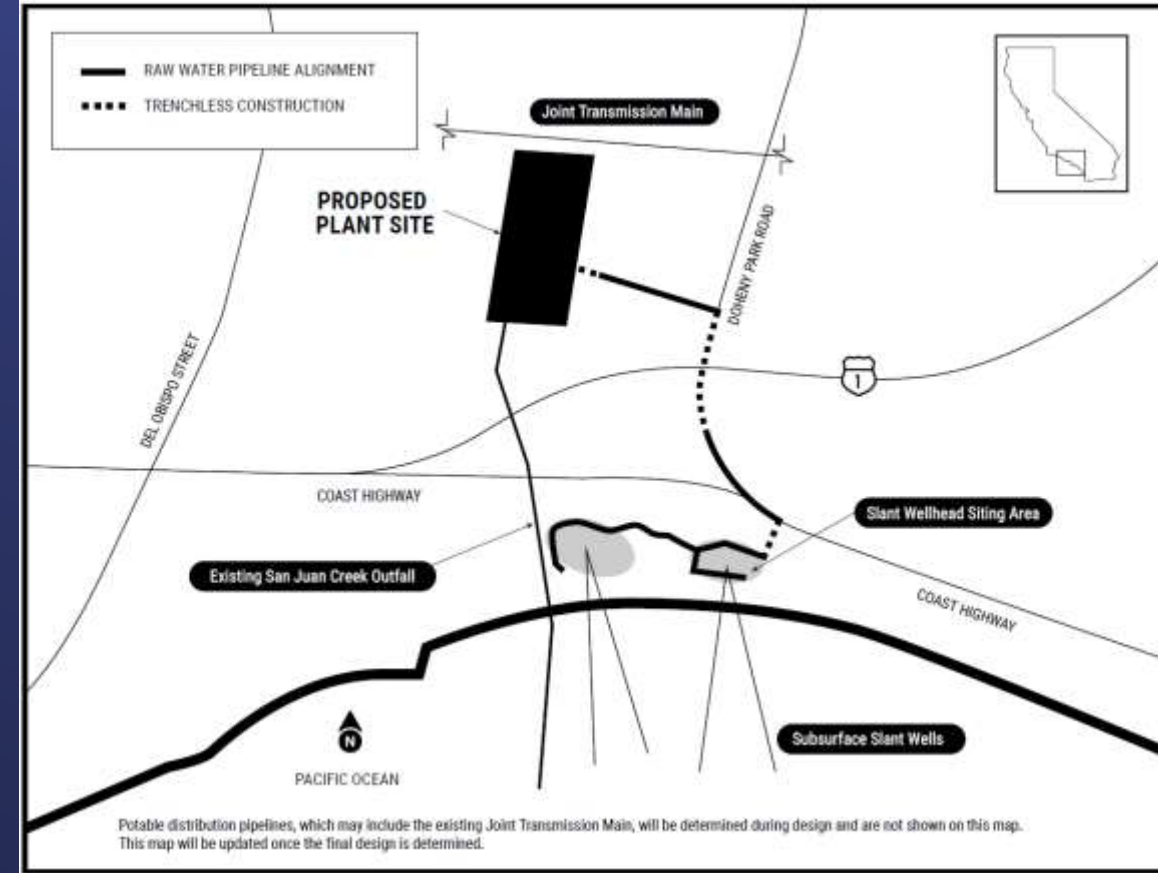


Doheny Ocean Desalination Project

Doheny Ocean Desalination Project

Description

- Treatment and conveyance of desalinated water
- New project facilities:
 - New Desalination Facility
 - Raw water conveyance and pumping
 - Sub-surface slant intake wells
 - Renewable energy and power facilities
 - Brine and solids disposal
- Anticipated start of operation: 2028



Doheny Ocean Desalination Project

Agreement Terms



5,600 AFY over 25 years

Sliding scale incentives up to \$475/AF for 15 years



\$39.9 million maximum lifetime contract payment

140,000 AF maximum contract yield over 25 years



Performance Provisions

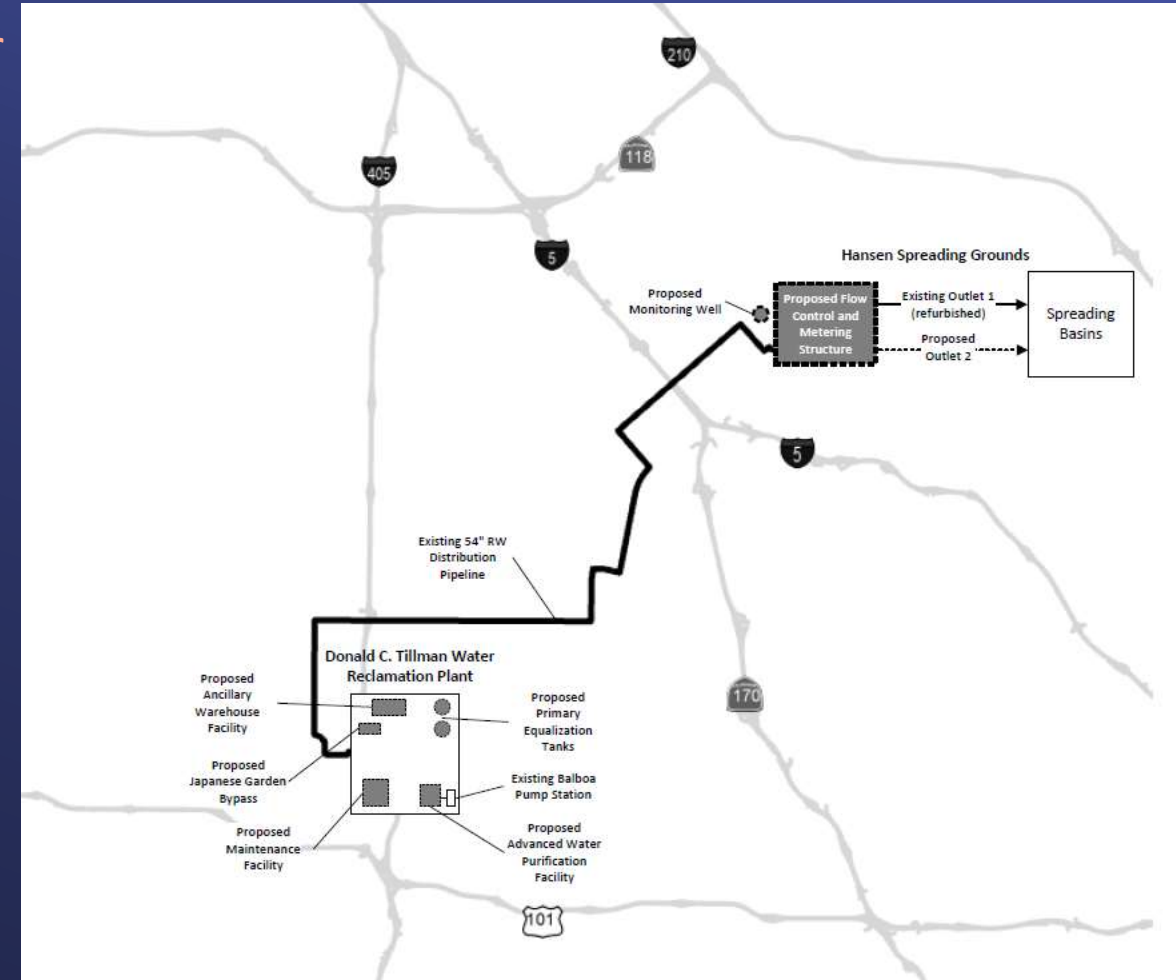
- Start of construction and operation
- Production required over 25 years
- Production targets every four years



Los Angeles Groundwater Replenishment Project

Los Angeles Groundwater Replenishment Project Description

- Treatment and conveyance of purified recycled water
- New project facilities:
 - New Advanced Water Purification Facility
 - Reverse Osmosis Concentrate line
 - Supporting Facilities
 - Hansen Spreading Grounds improvements
- Anticipated start of operation: 2028



Los Angeles Groundwater Replenishment Project

Agreement Terms



19,500 AFY over 25 years

487,500 AF maximum contract yield over 25 years



Sliding scale incentives up to \$475/AF for 15 years

\$139 million maximum lifetime contract payment



Performance Provisions

- Start of construction and operation
- Production required over 25 years
- Production targets every four years

