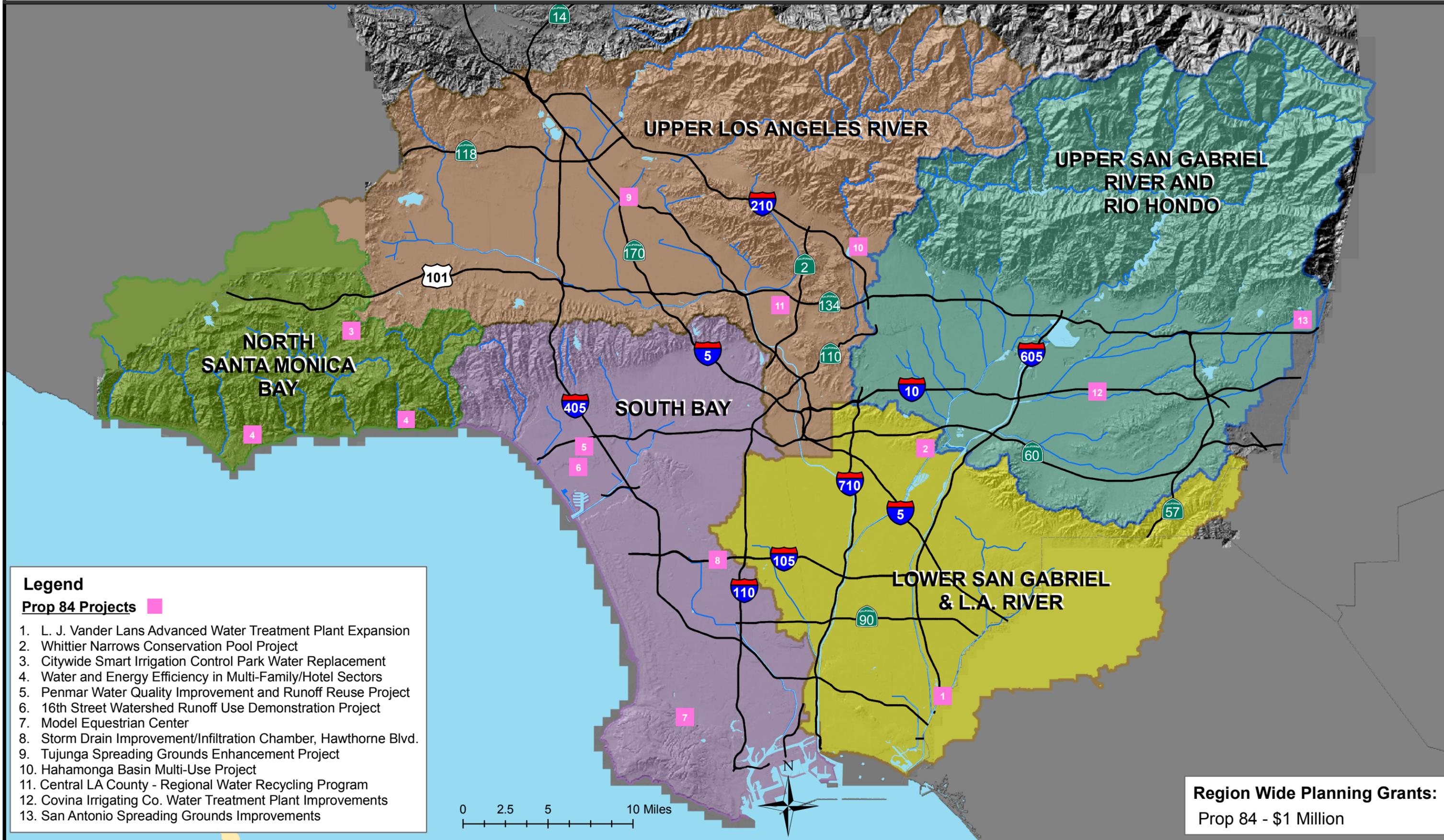


# PROPOSITION 84 GRANT PROJECT LOCATIONS (ROUND 1)

## GREATER LOS ANGELES COUNTY REGION

### INTEGRATED REGIONAL WATER MANAGEMENT PLAN



#### Legend

#### Prop 84 Projects



1. L. J. Vander Lans Advanced Water Treatment Plant Expansion
2. Whittier Narrows Conservation Pool Project
3. Citywide Smart Irrigation Control Park Water Replacement
4. Water and Energy Efficiency in Multi-Family/Hotel Sectors
5. Penmar Water Quality Improvement and Runoff Reuse Project
6. 16th Street Watershed Runoff Use Demonstration Project
7. Model Equestrian Center
8. Storm Drain Improvement/Infiltration Chamber, Hawthorne Blvd.
9. Tujunga Spreading Grounds Enhancement Project
10. Hahamonga Basin Multi-Use Project
11. Central LA County - Regional Water Recycling Program
12. Covina Irrigating Co. Water Treatment Plant Improvements
13. San Antonio Spreading Grounds Improvements

Region Wide Planning Grants:

Prop 84 - \$1 Million

Project Name	Local Project Proponent	Project Description	Local Cost Share	Proposition 84 Grant Funds	Total Project Cost*
<b>North Santa Monica Bay</b>					
Citywide Smart Irrigation Control Park Water Replacement	City of Calabasas	Installation of a smart irrigation control system using eapotransportation and wireless technology at all city facilities, parks, street medians and parkways. Project reduces city irrigation usage by approximately 25% and reduces urban run-off.	\$ 124,157	\$ 620,000	\$ 744,157
Water and Energy Efficiency in the Multi-Family and Hotel Sectors	West Basin MWD	Program directly installs water/energy efficiency devices in hotel/motel and multi-family dwellings. Replacement includes high-efficiency toilets, high-efficiency urinals, weather-based irrigation controllers, CFL bulbs, low-flow showerheads, and kitchen and bathroom sink aerators.	\$ 113,220	\$ 452,880	\$ 566,100
					\$ -
<b>Lower San Gabriel and LA Rivers</b>					
Leo J. Vander Lans Advanced Water Treatment Plant Expansion	Water Replenishment District	Expand Water Recycling plant to double the capacity of existing treatment process (microfiltration, reverse-osmosis, and ultraviolet light) and add advanced oxidation. Deliver highly treated recycled water to Alamitos Seawater Intrusion Barrier, fully replacing imported water demand at the barrier.	\$ 24,489,222	\$ 4,676,040	\$ 29,165,262
Whittier Narrows Conservation Pool Project	Water Replenishment District	Increase maximum Conservation Pool elevation behind the Whittier Narrows Dam from 201.6' to 205' to reuse/recharge locally available stormwater into Central Groundwater Basin. Project involves only operational changes to the dam; no physical improvements are required.	\$ 1,125,505	\$ 576,000	\$ 1,701,505
<b>South Bay</b>					
Penmar Water Quality Improvement and Runoff Reuse Project	City of Los Angeles	Installation of hydrodynamic separators, underground detention tank, chlorination facility, pump station and overflow systems. Off-site surface runoff will be diverted to project site. The diverted runoff shall be treated/disinfected. The disinfected effluent will be pumped through a smart irrigation system to decrease the current landscaping irrigation demand.	\$ 20,056,790	\$ 2,112,985	\$ 22,169,775
16th Street Watershed Runoff Use Demonstration Project	City of Santa Monica	Installation of 3,100-linear-feet of pipeline from Marine Park to the Penmar Recreation Center and Park to convey treated stormwater. A new cistern at Marine Park would provide storage of the treated water, and a pump system would deliver water from the cistern to the irrigation system. The Project will utilize approximately 1.15 million gallons/year of treated runoff generated by the Penmar Project in the City of Los Angeles from an upstream area of 1,468 acres.	\$ 1,049,707	\$ 1,013,085	\$ 2,062,792
Model Equestrian Center	City of Rolling Hills Estates	The existing equestrian facilities will be retrofitted to improve drainage and stormwater runoff quality. These retrofits will include downspout redirection, drainage correction from existing horse stalls, biofiltration/ bioretention or similar water quality treatment system installation, capture of wash water and reuse for subsurface irrigation to maintain the biofiltration systems during dry weather, and drainage improvements to existing arenas.	\$ 354,424	\$ 1,012,985	\$ 1,367,409
Storm Drain Improvements & Install of Infiltration Chambers on Hawthorne Blvd	City of Hawthorne	Drainage improvements along Hawthorne Boulevard between El Segundo Boulevard and Rosecrans Avenue, and installation of filtering devices to improve flood management and enhance the quality of storm drain runoff.	\$ 9,280,272	\$ 1,112,985	\$ 10,393,257
<b>Upper San Gabriel River</b>					
Covina Irrigating Company Surface Water Treatment Plant Improvements	Covina Irrigating Company	Project includes improvements to the existing filtration facility and the addition of UV reactors and chloramination equipment to control DBP formation and prevent pathogen contamination of finished drinking water.	\$ 5,240,884	\$ 2,376,020	\$ 7,616,904
San Antonio Spreading Grounds Improvements	Three Valleys MWD	Extend pipeline into spreading grounds to increase amount of conjunctive use water to be stored/used. Precludes property from development in the long-term thereby preserving sensitive habitat.	\$ 2,711,288	\$ 2,876,020	\$ 5,587,308
<b>Upper LA River</b>					
Tujunga Spreading Grounds Enhancement Project	Los Angeles, Dept of Water and Power	Project will improve the existing system which diverts stormwater from the Tujunga Wash Channel using a rubber dam and is distributed through the facility using a canal system and flashboard structures. Proposed improvements will improve the intake facility, deepen and combine basins, modernize diversion facilities, and upgrade existing entrance/exit gates.	\$ 19,011,656	\$ 3,000,000	\$ 22,011,656
Hahamonga Basin Multi-Use Project	City of Pasadena	Project includes enhancements to both the Basin and the adjacent Arroyo Seco Canyon. The project incorporates features such as restoration of riparian habitat, installation of a public restroom, relocation of facilities to expand stormwater retention, enhancement of water quality, and expansion of open space and recreational opportunities.	\$ 3,713,315	\$ 3,271,000	\$ 8,216,999
Griffith Park South - Central Los Angeles County Regional Water Recycling Program	Los Angeles, Dept of Water and Power	Expand the recycled water distribution system at Griffith Park, including planning, design, and construction/installation of a pump station, storage tank, and distribution system to deliver recycled water to the Roosevelt Golf Course. The new pump station and new distribution pipelines will deliver water to a new one million gallon storage tank, which will be used to irrigate the Roosevelt Golf Course.	\$ 7,789,247	\$ 2,500,000	\$ 10,289,247
<b>TOTAL:</b>			<b>\$ 95,059,687</b>	<b>\$ 25,600,000</b>	<b>\$ 121,892,371</b>

\*Includes other State funds being used.