



Los Angeles Groundwater Replenishment Project

OBJECTIVE

The Los Angeles Department of Water and Power (LADWP), in partnership with LA Sanitation and Environment (LASAN), is currently implementing the Los Angeles Groundwater Replenishment (GWR) Project to replenish the San Fernando Basin with highly purified recycled water.

This project will produce purified water from the City of Los Angeles' Donald C. Tillman Water Reclamation Plant (Tillman), located in the San Fernando Valley, and create a new source of local drinking water for the City of Los Angeles. The new facility will utilize proven technology to produce drinking water that is high quality, safe, and protective of public health for over 250,000 customers.

The GWR Project is key in meeting the local water supply goals outlined in the 2020 Urban Water Management Plan. This new independent water supply will reduce L.A.'s reliance on imported water that must travel hundreds of miles and is vulnerable to drought, earthquakes, climate change and other natural disasters.



BENEFITS

- Create a new, drought resistant source of local water
- Allow 100% recycling of available treated wastewater at Tillman
- Store water underground for future drinking water supply
- Increase local water supplies to offset imported water



Scan the QR Code to visit the Groundwater Replenishment page and learn more about the project.
www.ladwp.com/GWR





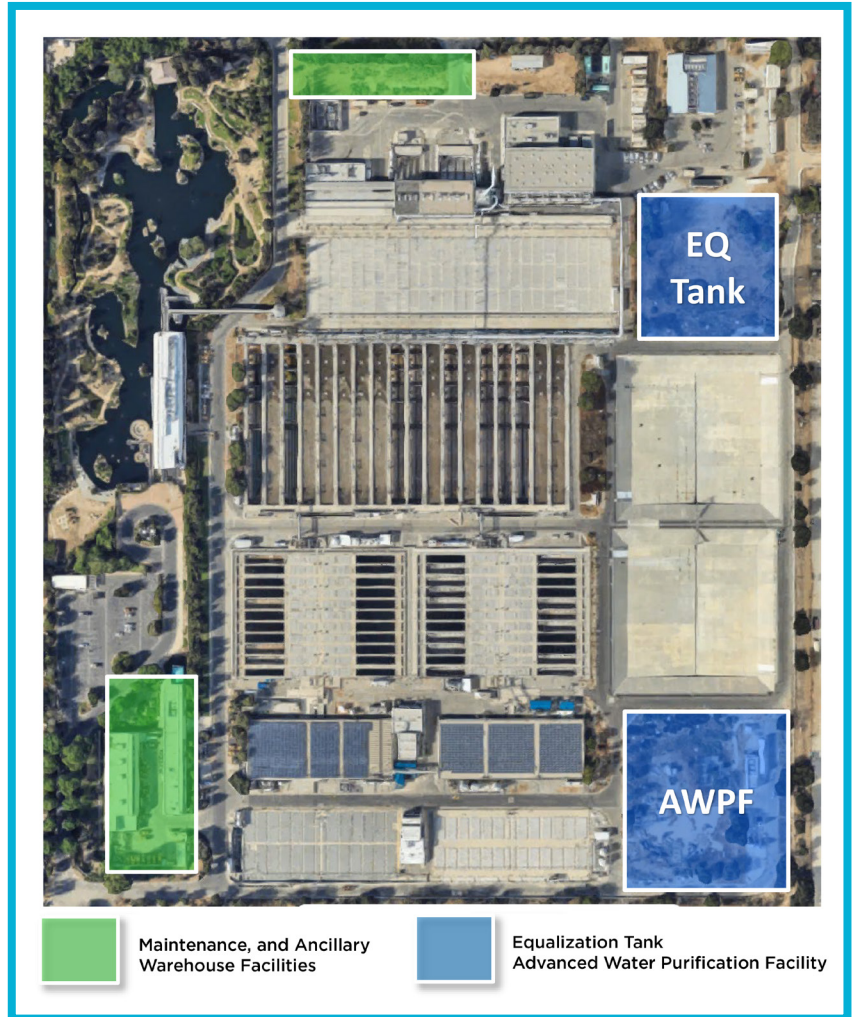
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PROJECT OVERVIEW

The GWR Project will purify 25 million gallons per day of treated wastewater and produce up to 22,000 acre-feet (AF) per year of drinking water for the City of Los Angeles, enough for over 250,000 customers. An Advanced Water Purification Facility, and electrical, maintenance and warehouse facilities will be constructed over the next three years to produce and convey purified water from Tillman to the Hansen Spreading Grounds in the San Fernando Valley. The purified water will recharge the San Fernando Groundwater Basin and provide a new drought-resistant source of drinking water for LADWP to provide its customers. The image to the right highlights the new facilities at Tillman.

NEW FACILITIES AT TILLMAN INCLUDE:

- Advanced Water Purification Facility (AWPF)
- Equalization Tanks
- Electrical Upgrades
- Wastewater Process Upgrades



COST

- Unit cost to produce water: ~\$1,600 per AF.
- Total project cost, including design and construction: \$740 million
- State, federal, and local funding: \$398 million.

SCHEDULE

- Guaranteed Maximum Price and LADWP Board Approval: July 2024
- Construction Groundbreaking: October 2024
- Construction Completion: December 2027



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