

THE FUTURE OF WATER IN LA

Project Schedule

Remedial Design:
Completed March 2021

Remedial Action:
Estimated Completion Summer 2024

Region

East San Fernando Valley

Contacts

**Project Manager/
Community Involvement
Coordinator:**

Ana Avelar | (213) 367-3948
Ana.Avelar@ladwp.com

Community Affairs Liaison:
Christina Holland | (213) 367-1076
Christina.Holland@ladwp.com

Tujunga Well Field Response Action Treatment Facility

Project Background

The Tujunga Well Field Response Action Treatment Facility is a key element of the Interim Remedial Action for the Tujunga Operable Unit, which will provide the necessary treatment improvements to remove contamination in groundwater at the Tujunga Well Field. Studies have identified the presence and/or threat of 1,4-dioxane and volatile organic compounds contamination at the wells.

Due to groundwater contamination at the Tujunga Well Field, pumping of some of the wells is currently restricted.

As a result, LADWP is not using these wells to produce drinking water and is not able to fully utilize its annual water rights of 87,000 acre-feet (AF) in the San Fernando Basin, further increasing LADWP's dependence on imported water. The goal of the Tujunga Well Field Response Action Treatment Facility is to address the contamination present in groundwater at the wells, protect public health and the environment,

and to restore the beneficial use of the groundwater, which will capture a groundwater plume and allow for the operation of the full well field.

Since 1970, local groundwater has provided as much as 30% of total supply during extended dry periods when imported water has been less available.

Project Description

This project involves constructing and operating treatment equipment capable of removing the groundwater contamination to protect public health and the environment. The treatment equipment includes the use of an advanced oxidation process and liquid phase granular activated carbon vessels for groundwater remediation.

The treatment facility will be located on LADWP-owned property, entirely within the Tujunga Spreading Grounds, at the junction of the Hollywood Freeway and the Golden State Freeway - 8801 Arleta Avenue, Pacoima, California.

Project Status

LADWP has completed Remedial Design in accordance with the selected remedy approved on December 11, 2018 by the LADWP Board of Commissioners. The project has entered into the Remedial Action phase, the construction of the Response Action treatment facility, which is estimated to be complete by Summer of 2024.

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