

# Green Verdugo Reservoir Floating Cover Replacement

## Project Background

The Green Verdugo Reservoir is a Los Angeles Department of Water and Power (LADWP) drinking water storage facility located in the Sunland area of the San Fernando Valley. The existing reservoir cover was installed in 1989 and has reached the end of its service life.

## Project Description

The primary objective for this project will be to replace the aging floating cover and modify the reservoir's inlet and outlet facilities. This is a critical water infrastructure investment that will ensure water quality and water supply reliability. This project ensures continued compliance with state and federal regulatory requirements regarding covered storage of drinking water reservoirs and, upon completion, will improve water circulation as well as performance and safety of day-to-day operations and maintenance.



Before La Tuna Canyon Fire



After La Tuna Canyon Fire

## Construction Information

The new floating cover will protect over 3.23 acres of Green Verdugo Reservoir's surface area. The overall project includes:

- Removal and replacement of the floating cover
- Installation of a new asphalt concrete liner, security appurtenances, and hydraulic control valves
- Modification of the inlet and outlet pipes
- Re-pavement of the reservoir road
- Construction of a new control building

Construction will take place Monday through Friday from 7:00 AM to 4:00 PM with an occasional Saturday. All construction will be confined to LADWP property within the existing Green Verdugo Reservoir Facility.

As a result of damage sustained in the September 2017 La Tuna Canyon fire, the reservoir has been taken out of service until the replacement of the floating cover and related reservoir improvements have been completed. LADWP is accelerating the project in an effort to return the reservoir to service as soon as possible. During this time, water to the area will be supplied by other LADWP facilities.

## Project Schedule

November 2017 – January 2023

## Region

Sunland, CA

## Project Manager

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## Construction Manager

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