

# Valley Generating Station Stormwater Capture Project

## PROJECT DESCRIPTION

The Valley Generating Station (VGS) is a power generating facility owned and operated by LADWP and it's located in the upper Sun Valley watershed. This is one of various stormwater capture projects located in the Sun Valley Watershed in the San Fernando Valley and it is designed to help reduce localized flooding, recharge the groundwater basin, and improve downstream quality in the San Fernando Valley. In order to accomplish the goals of this project, stormwater runoff will be captured and directed through a series of recharge basins, swales, and overflow culverts to strategic points on-site. This project will increase groundwater recharge necessary to sustain the long-term reliability and utility of the groundwater basin and decrease the region's dependence on imported water supplies.

## PROJECT LOCATION

The VGS is located at 11801 Sheldon Street in the Sun Valley Watershed in the San Fernando Valley bounded to the southwest by Little San Fernando Road, to the southeast by Sheldon Street, to the northeast by LADWP's Truesdale Site, and to the northwest by the Tujunga Wash Channel. The location lies within Council District 6 – represented by Councilwoman Nury Martinez.

## PROJECT BENEFITS

- Recharge the San Fernando Groundwater Basin with approximately 80 AF per year
- Improved water quality downstream in the Los Angeles River
- Peak flow attenuation and reduced local flooding

## PROJECT SCHEDULE

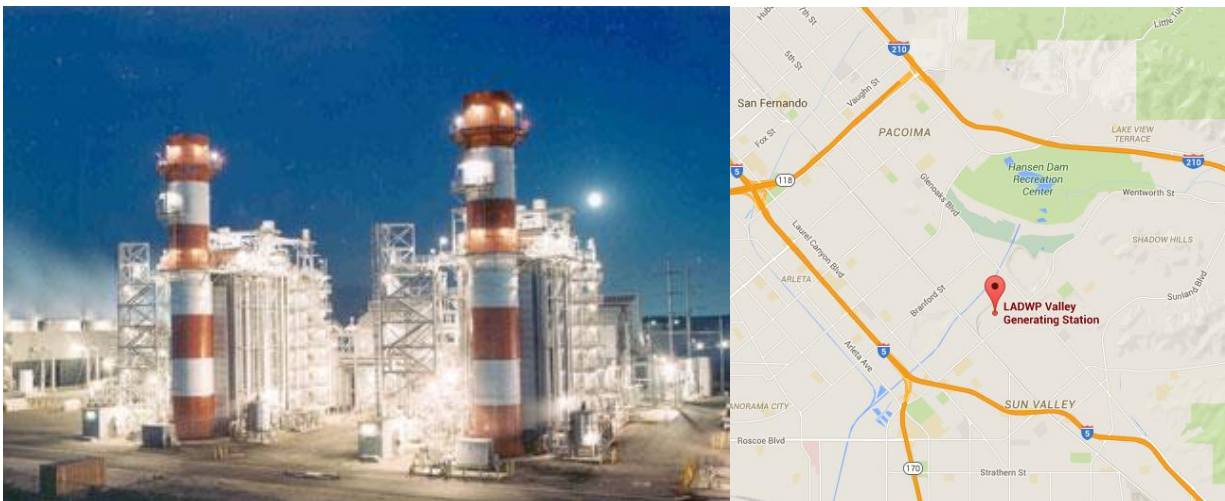
- Design start 2016
- Construction start 2017

## PROJECT COSTS

- Estimated total project cost \$1.62M
- Estimated construction cost: \$1.2M

## PROJECT IN SUPPORT OF:

- LADWP Urban Water Management Plan
- Mayor's Executive Directive 5



WATERSHED MANAGEMENT – NOVEMBER 2015