

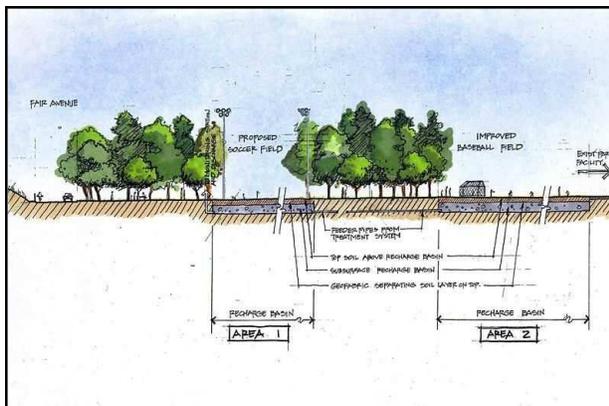
## SUN VALLEY WATERSHED SUN VALLEY PARK DRAIN AND INFILTRATION SYSTEM PROJECT



The Sun Valley Watershed—Sun Valley Park Drain and Infiltration System Project is identified as a major component of the Sun Valley Watershed Management Plan, a plan developed by the Los Angeles County Flood Control District to solve the major flooding problem, while retaining all stormwater runoff from the watershed, increasing water conservation, recreational opportunities, and wildlife habitat, and reducing stormwater pollution.

### Project Description

The Sun Valley Watershed – Sun Valley Park Drain and Infiltration System Project converted an existing municipal park into a flood mitigation, water quality treatment, and water conservation multi-use site. Localized flooding is alleviated in the area as stormwater runoff from the 21-acre drainage area is collected through a constructed storm drain system to the Sun Valley Park. Runoff is routed through a water quality treatment system at the park to remove suspended solids and heavy metals. The treated runoff is then directed into two underground infiltration basins where the water is naturally filtered and recharged into the groundwater aquifer. The water conservation benefit is estimated to be 30 acre-feet per year. The infiltration basins are buried beneath the soccer and baseball fields to maintain the park’s functionality. Vegetated swales with California native plants were also strategically placed throughout the park to treat runoff from the surrounding areas. In addition, the project also included enhancements to the park’s recreational amenities, such as new soccer and baseball fields, bleachers, sports lighting, and interpretive signage.



Construction of the project was completed in 2006 with total project cost of approximately \$7 million. The project was funded by the Department of Water Resources (Local Groundwater Assistance) grant, a Proposition 12 (Murray-Hayden) grant received by TreePeople, and the Los Angeles County Flood Control District.

Designed By: CH2MHill

Constructed by: Southwest Engineering, Inc.

Operated and Maintained By: Los Angeles County Flood Control District, City of Los Angeles Bureau of Sanitation, and City of Los Angeles Department of Recreation and Parks