

Supplemental Environmental Project (SEP) Report Card		City of Santa Clarita Low Impact Development (LID) Parking Lot Retrofit
Regional Water Board	Region 4 - Los Angeles	OUTCOMES: <input checked="" type="checkbox"/> Satisfactory <input type="checkbox"/> Unsatisfactory
Total Project Cost	\$116,341	
SEP Funding	\$97,500	
Approval Date	6/28/2013	
Project Category	Pollution Reduction	

Summary

The City of Santa Clarita (City) completed the design and construction of the Low Impact Development (LID) Parking Lot Retrofit by removing and excavating the existing asphalt and soil of the parking lot at Valencia Glen Park located at 23750 Via Gavola. Initially the City evaluated their City Hall parking lot for the SEP location; however, the City determined as part of their preliminary evaluation that the site was not feasible. The parking lot at Valencia Glen Park was then selected as the project site.

Major construction work of the LID project included removing the existing asphalt and concrete from the parking lot, clearing and grubbing, excavating, placing liner, and installing porous paver stones per design plans. The planter area was cleared of vegetation and excavated, followed by placement of soil media, bioretention media, plants, and seeding.

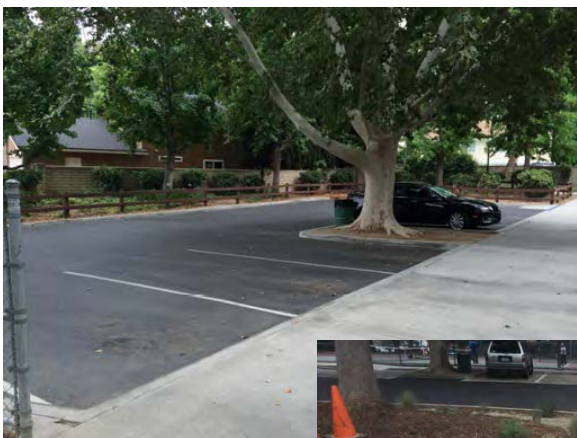
On April 16, 2015, construction of the parking lot retrofit was completed and the parking lot is again fully functional with LID drainage.

Location Map



Water Quality Outcomes

- The LID Parking Lot Retrofit project benefits the public by better managing stormwater at City-related facilities, potentially improving local surface water quality, and restoring the direct hydrological connection between localized rainfall and the groundwater basin.
- The LID project utilized strategies at an existing City owned parking lot to reduce stormwater runoff impacts and can eliminate pollutant removal through settling, filtration, adsorption, and biological uptake.
- Pollutants of concern from parking lots can include sediments, nutrients, trash, metals, bacteria, oil, and grease.



Before Construction



After Construction