

City of San Dimas's Lone Hill Park Regional Watershed Management Program Project

The City of San Dimas (City) is implementing the Lone Hill Park Regional Watershed Management Program (WMP) Project (Project) to address the East San Gabriel River (ESGR) watershed's limiting pollutants (metals [zinc] and bacteria) associated with San Dimas Wash. The City is a participant in the East San Gabriel Valley (ESGV) Watershed Management Group (WMG), which is composed of the Cities of Claremont, La Verne, Pomona, and San Dimas. The ESGV WMG developed the ESGR WMP, which identified projects, including this Project, to improve water quality. The Project will provide multiple benefits while assisting the City in addressing regulatory requirements. Project goals are summarized as follows:

- Enhance water quality locally and in downstream water bodies (East San Gabriel River)
- Contribute towards the City's WMP implementation goals
- Reduce local dependency on imported water through groundwater recharge
- Educate local communities through education and outreach
- Leverage available funding sources
- Provide community enhancements through surface restoration and improvements

Stormwater Improvements

This Project aims to capture, treat, and infiltrate stormwater runoff from approximately 335 acres of various land uses within the Cities of San Dimas and Glendora, all of which are tributary to the existing Los Angeles County Flood Control District (LACFCD) storm drain on Gladstone Street (Bond Issue [BI] 1121). The stormwater management improvements include the installation of a storm drain diversion system, associated piping, pretreatment system, flow meter, actuated valve, and subsurface infiltration system. The infiltration system is proposed in the northeastern section of Lone Hill Park, east of the existing tennis courts. Runoff will be diverted from the existing LACFCD storm drain in Gladstone Street (BI 1121) via a newly designed gravity-driven diversion pipe to be constructed along Shellman Avenue. Diverted runoff will be pretreated before being conveyed into a subsurface infiltration system. Once the subsurface infiltration system reaches capacity, an actuated valve will close, preventing further diversion of stormwater. Street reconstruction will occur on Shellman Avenue between Kirkwall Road and Gladstone Street.

Surface Improvements

New community improvements and enhancements are being included as part of the surface improvements part of the Project. Surface improvements are primarily proposed around the northeast corner of the site where the infiltration system will be constructed, while a new parking lot will be constructed on the south side of the site along Juanita Avenue. Park improvements will include the following:

- Additional parking through a new parking lot along Juanita Avenue on the southeast side of the park, which includes an EV charger, pervious pavement parking stalls, and ADA stalls
- New and improved pathway improvements to connect the new parking lot to park features

- Enhance existing pathways for security vehicle access
- New basketball court with seating for spectators (replacing the existing basketball court)
- Four (4) new pickleball courts east of the existing tennis courts with perimeter fencing
- Drought-tolerant landscaping and trees
- Infiltration swale on the south side of the new parking lot
- New playground in the northeast corner of the park
- New and improved picnic shelters, benches, and seating wall



Funding

Funding for the design of this project has been provided in part from the following:

- Los Angeles County Flood Control District's Safe, Clean Water Program Regional Infrastructure Program through the Upper San Gabriel River (USGR) Watershed Steering Committee
- City of San Dimas

Construction

The construction schedule is pending the receipt of construction funding. It is expected to last for 16 months. Partial park closures will be necessary where new improvements are proposed.

For more information, please reach out to Lauren Marshall, Senior Management Analyst, at (909) 394-6242 or lmarshall@sandimasca.gov.

Reference Documents

Drainage Area Figure: [*\[titled: Drainage Area Map.pdf\]*](#)

Proposed Improvements Project map: [*\[titled: Proposed Improvements.pdf\]*](#)

Proposed Stormwater Improvements: [*\[titled: Proposed Stormwater Improvements.pdf\]*](#)