

DeForest Wetlands Restoration Construction Management Services City of Long Beach, California

Owner:
City of Long Beach

Owner Contact:
Sean Crumby
562-570-6771

Key Personnel:
Paul Buckley, P.E.
Kevin Smith, CCM
Jared Kemp, EIT

Contract Duration:
April 2016 to October
2017

Construction Value:
\$4.8M

Simplus is managing the construction of the ecological restoration within the Los Angeles County Flood Control District's detention and storage basin at the DeForest Nature Center and a portion of the former Dominguez Spreading Grounds. The work includes modifying earthwork, improving hydraulics re-grade low flow channels, wetlands creation, control grade and habitat, including step pools and water control weirs, creating ephemeral "Vernal" pools, including pond liners, installing sycamore and oak specimen trees and other native plantings, hydro-seeding, and installation of irrigation system. Other improvements include decomposed granite and aggregate paths, fencing and interpretive signage.



The DeForest Wetlands project will open 39 acres of land for public use, by converting large areas of overgrown vegetation with exotic species and other areas of completely denuded land devoid of habitat into a river parkway with freshwater wetlands, wildlife habitat, recreational trails, native plants, and interpretive signage, while retaining flood control and watershed management functions. Public use will include passive recreational activities, such as bird watching, walking, horseback riding, and educational tours and programs.

The project will also provide water quality benefits. When completed, 800 to 1,000 acre-feet per year (AFY) of neighborhood surface water runoff will be filtered before being pumped into the Los Angeles River. In addition, 15 to 35 AFY increased stormwater filtration will replace municipal sources to contribute to local groundwater supplies.

The project is located in the City of Long Beach's 8th and 9th City Council Districts. Funding is being provided by a wide variety of sources, including Los Angeles County Proposition A, California Resources Agency, San Gabriel and the Lower Los Angeles Rivers and Mountain Conservancy.

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