



WALNUT STORM WATER CAPTURE AND GROUNDWATER REPLENISHMENT BASIN PROJECT



THE CITY OF TORRANCE IS REQUIRED BY THE STATE WATER RESOURCE CONTROL BOARD TO REDUCE TOXICS, SEDIMENT AND NUTRIENTS THAT FLOW FROM STORM WATER AND URBAN RUNOFF FROM TORRANCE INTO MACHADO LAKE IN KEN MALLOY HARBOR REGIONAL PARK.

For more than 10 years, the City has taken steps to reduce trash to protect Machado Lake and its water quality. The City is now developing and implementing projects that will divert storm water and urban runoff away from Machado Lake for groundwater recharge.

One of the projects the City is currently managing is the Walnut Storm Water Capture and Groundwater Replenishment Basin Project 1-173 (Project).

PROJECT BACKGROUND

The Project is located in Walnut Basin, an unused storm water infiltration basin in southeast Torrance, a 2.3-acre sized area located south of 238th Street and east of Walnut Street.

In the 1970s, the LA County Flood Control District built a system of storm drains and catch basins to relieve neighborhoods of local street flooding and rerouted storm water and runoff away from Walnut Basin.

The Project will divert storm water and urban runoff back to Walnut Basin for groundwater recharge and to restore Walnut Basin to a seasonal wetland. Routing storm water back to the Walnut Basin provides new opportunities for native plants and wildlife and enhancements for the community to enjoy.

PROJECT GOALS

- Divert storm water and urban runoff to local groundwater at Walnut Basin
- Prevent toxics and harmful nutrients from flowing to Machado Lake
- Restore the natural wetland habitat at Walnut Basin

PROJECT TIMING + IMPLEMENTATION

The first phase of this project is the design phase. It will move into construction in 2019.

OPEN HOUSE

Your participation is important to develop the future of Walnut Basin.

An open house will be held Saturday, April 21, 2018 from 10 a.m. to noon at the Walnut Basin. Residents unable to attend the open house are encouraged to contact City staff with questions and suggestions.

INFORMATION

Wilson Mendoza
Project Engineer

WMendoza@TorranceCA.Gov
(310) 618 - 3052

www.TorranceCA.Gov/WalnutStormWaterCapture