

Penmar Water Quality Improvement Project Ribbon Cutting Proposition O Funded Project Will Help Clean Stormwater Runoff

On April 15, 2013, Councilmember Bill Rosendahl and the Venice community celebrated the completion of the Proposition O Penmar Water Quality Improvement Project located at Penmar Park (Penmar Ave. at Rose Ave.) The Penmar Water Quality Improvement Project helps improve water quality by diverting and capturing the most polluted urban water runoff during the Summer low flow and Winter rain event flow. Typically, urban water runoff which contains pollutants will flow directly into the Bay at Venice Beach.

This Project works by diverting urban water runoff from the Rose Avenue stormdrain, and bringing the water to an underground detention tank, located under the baseball field. Conveyance pipes and pumps then bring the water from the detention tank to the sewer system for treatment at the Hyperion Treatment Plant.

The detention tank has a capacity of 2.75 million gallons, with a diameter of 180 feet and 20 feet in height, walls that are 1 foot thick, and roof that is 15 inches thick. The tank is located about 2 feet below ground surface.

During a normal rain event, the system will divert the most polluted water at about 11,000 gallons per minute, filling the tank in about 4 hours. It will take approximately 3 days to empty the tank at a rate of 800 gallons per minute.

"This Prop O stormwater project is an engineering masterpiece," said Rosendahl. "I applaud the City departments that collaborated on a system to clean stormwater runoff that flows into Santa Monica Bay, as well as store water for reuse. This project will show future generations that we care about the



Councilman Bill Rosendahl cuts the ribbon for the Penmar Water Quality Improvement Project.

environment and the people who live here."

"What's exciting here - we didn't have to buy property for this project," said City Engineer **Gary Lee Moore**. "The partnership with Rec and Parks has enabled us to restore the ball fields with new grass, as well as irrigate the ball fields and neighboring golf course."

Mark Gold, a founder of the environmental group Heal the Bay, said, "Not only does this tremendous project continue to clean up Santa Monica Bay and make it safe for swimmers to go to the beach without getting sick, it also captures runoff that should not be wasted."

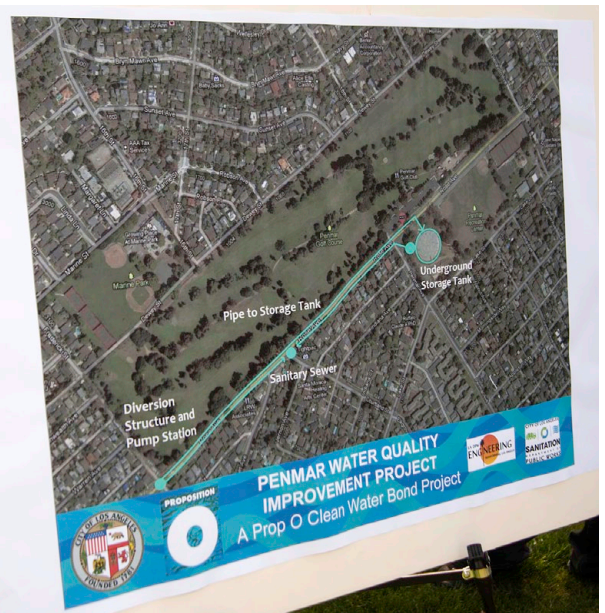
The project was designed by Brown &

Caldwell and the contractor was Pacific Hydrotech Construction.

Congratulations go to Prop O Program Manager **Kendrick Okuda**, Prop O Assistant Program Manager **Julie Allen**, Project Manager **Andy Flores**, Project Engineer **Joanna Tesoro**, Construction Division Head **Jose Fuentes**, Construction Manager **Anagh Mampapurkar**, Environmental Supervisor **Maria Martin**, Bureau of Contract Administration Inspector John Rothwell, Principal Inspector Gregg Pifer, Bureau of Sanitation Water Protection Division, and everyone else who contributed to making this project a success.



l to r: **Shahram Kharaghani (BOS)**, Bureau of Sanitation Director **Enrique Zaldivar**, Prop O Citizens' Oversight Committee member **Francine Diamond**, **Mark Gold**, Venice Neighborhood Council President **Linda Lucks**, **Bill Rosendahl**, **Gary Lee Moore**, PW Commissioner **Steven T. Nutter**, **Kendrick Okuda**.



A display at the event showed the scope of the project.