



City of Hermosa Beach

Information Item

DATE: Friday, May 21, 2021
TO: Honorable Mayor and Members of the City Council
FROM: City Manager and Public Works staff
SUBJECT: Citywide Installation of Catch Basin Trash Screens

Background

The City of Hermosa Beach lies entirely within the Santa Monica Bay Watershed and is subject to the Santa Monica Bay Nearshore and Offshore Debris Total Maximum Daily Load (SMB Debris TMDL). As outlined in the City's approved Trash Monitoring and Reporting Plan (TMRP), the initial implementation strategy to meet the interim and final compliance milestones in the SMB Debris TMDL was the installation of certified full capture catch basin inserts on a phased schedule. The Regional Water Quality Control Board approved the City's TMRP and directed the City to begin implementation of the TMRP in its Review of the Beach Cities Coordinated Integrated Monitoring Plan (CIMP) letter dated May 22, 2015. This letter established an installation deadline of 2020 for these screens, which was later extended by the Regional Water Quality Control Board to 2023 in response to the City's efforts to reduce litter, including bans on smoking in public, single-use plastic bags, and other polystyrene products.

The City began proactive implementation of full trash capture in 2012 by retrofitting 28 catch basins with certified full capture connector pipe screens (CPS) and automatic retractable screens (ARS) tributary to the Hermosa Strand Infiltration Trench project located within the high-priority commercial area of the City.

In October 2018, the City of Rancho Palos Verdes, with its partnering cities of Palos Verdes Estates and Rolling Hills Estates, awarded a contract to United Storm Water to install CPS in catch basins throughout their cities. United Storm Water, Inc. was selected through a competitive bidding process and extended the same pricing to the cities of Hermosa Beach and Redondo Beach. The City Council consequently awarded a contract to United Storm Water for this work. The City of Hermosa Beach identified this installation project as CIP #419 and completed phase one in 2019, which resulted in the installation of 123 trash capture screens. Phase two of the project, involving the installation of screens in almost all of the City's catch basins, was approved by the City Council on April 14, 2020.



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Discussion

Beginning the week of May 24, 2021, the City's contractor, United Storm Water, will install 120 trash capture screens in catch basins throughout Hermosa Beach. Upon completion, the City will have trash screens installed on nearly all of the 315 catch basins in the City, which include both City and County-owned catch basins.

The current installation will utilize CPS that are installed inside the catch basins. For this reason, these screens will not be visible to passers-by, as opposed to other screens installed along the curb face of the catch basin inlets. These screens are proven effective for "full capture" of trash and debris and are essential to the City's efforts to prevent pollution on our beaches and in our ocean. These installations also help us meet State stormwater requirements for reducing trash in our storm water run-off.

The installation work should not exceed four weeks and will take place in both residential and commercial areas. Screen installation is relatively quick and produces little to no noise. The contractor will ensure that traffic and parking impacts are minimized. Working hours will be from 8:00 a.m. to 5:00 p.m., Monday through Friday for the duration of the project. Both the City's Public Works Inspector and inspectors from LA County will be monitoring the work. Residents and businesses can contact Doug Krauss, Project Manager, at 310-750-3603 or dkrauss@hermosabeach.gov with any questions or concerns.