

Torrance Circle Diversion

Product: Aqua-Swirl® Trash Capture Model AS-12s and AS-2s hydrodynamic separators

Customer: City of Redondo Beach

Location: Redondo Beach, CA

Engineer: AKM Civil Engineering

Contractor: SRD Engineering, Inc.

The City of Redondo Beach needed to treat its stormwater runoff, including both wet and dry weather flows, and meet requirements for the California Water Board's trash capture initiative for a 118-acre watershed tributary to Torrance Circle. They also needed a quick installation process and a solution that was easy on the budget. AquaShield was able to meet all of their requirements with two Aqua-Swirl® California Stormwater Trash Capture Certified hydrodynamic separators, fabricated and delivered in only 5 weeks!

The project consisted of one 12ft diameter Aqua-Swirl® AS-12s for wet weather, treating 25.2 cfs, and one 30" diameter Aqua-Swirl® AS-2s, for dry weather, treating 1.1 cfs, both delivered pre-assembled, on a single trailer, and installed by the contractor. In an average year, they are vacuumed out twice (more frequently in heavy years), removing tons of debris from the watershed. This project is especially



The Redondo Beach Pier is located next to the watershed outflow

important as the outflow is located in an important business and tourism district for the community. AquaShield was proud to be a part of this concerted effort, along with the City of Redondo Beach, L.A. County Department of Public Works, AKM Civil Engineering, and SRD Engineering Inc.



The 12,400 lbs, 12-ft AS-12s being installed

AquaShield™

WATER TREATMENT SOLUTIONS

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Both units being unloaded, having shipped on a single trailer



The Aqua-Swirl® AS-2s dry weather unit being installed

You can also watch a video on this project at <https://youtu.be/mcYkWuLRPf8>