

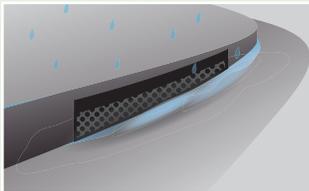
## Kuapa Pond Storm Water Structural Best Management Practices Improvements

The Department of Facility Maintenance, Storm Water Quality Branch completed a project to incrementally improve water quality in Kuapa Pond.

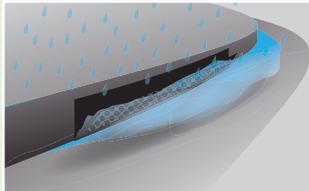
The United States Environmental Protection Agency noted water quality impairments for beach areas of Hawaii Kai on their website. Potential sources of pollutants to Kuapa Pond include individual property cesspools, fertilizer applications, agricultural activities in the upper valleys, and hillside conservation areas.

### THIS PROJECT CONSISTED OF:

Installing 117 automatic retractable screens along portions of Hawaii Kai Drive, Keahole Street, and Lunalilo Home Road

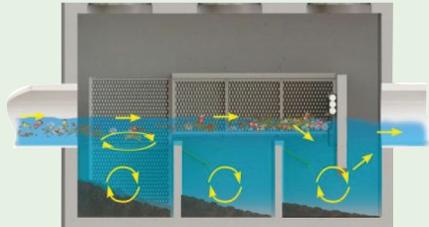


*During Light rain events debris is filtered and street sweepers pick up debris for disposal.*



*During heavy rains the screens opens, then closes automatically when water flow slows.*

Installing a nutrient separator baffle box in the concrete channel at Kamiloiki Park.



*Debris is screened and sediment settles out into chamber below.*

Converting the existing detention basin to a water quality basin



*The water quality basin provides additional storage volume and storage time to allow suspended solids to settle.*

### HOW YOU CAN HELP TO IMPROVE WATER QUALITY IN HAWAII KAI:

- Convert cesspools to septic tank and leach fields or connect to the wastewater collection system.
- Minimize the use of home fertilizers and pesticides.
- Prevent leaves, grass clippings, sediment, and trash from entering catch basins.
- Volunteer for City Adopt-a-Block or Adopt-a-Stream cleanup events.
- Volunteer to install storm drain markers in your neighborhood.

### FOR MORE INFORMATION:

Visit our website at [www.cleanwaterhonolulu.com](http://www.cleanwaterhonolulu.com)

