

PROJECT OVERVIEW

As described in the *Wahikuli-Honokōwai Watershed Management Plan*, non-point source (NPS) pollution from urban areas impairs nearshore water quality causing stress to coral reefs. The Plan identified Curb Inlet Baskets as a management measure to reduce NPS pollutants entering the storm drain system. A Curb Inlet Basket is designed to capture NPS pollutants in stormwater runoff as it enters the storm sewer. Cleaner water leaves the basket and travels through the system.

This project was a pilot project in the West Maui region to evaluate both process (installation, maintenance) and performance. The cumulative impact of installing Curb Inlet Baskets in the West Maui region will be a reduction in NPS pollutant loads affecting nearshore waters and coral reefs.

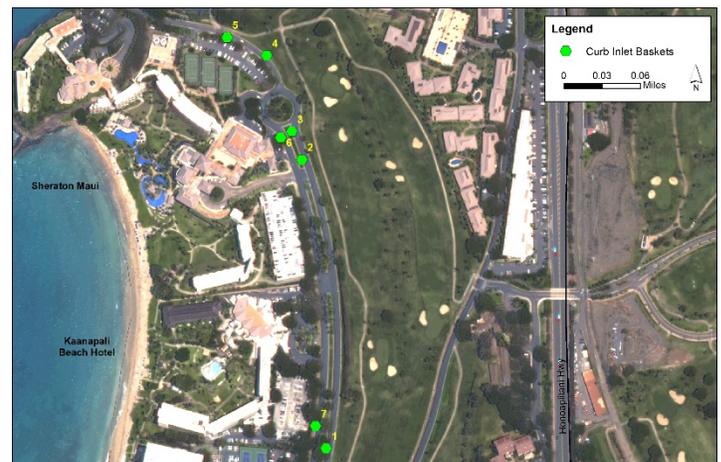
RESULTS

- *Successful installation of seven Curb Inlet Baskets to reduce non-point source pollutant runoff.*
- *Even with challenges, installation and maintenance requirements are manageable.*
- *Land owner cooperation and commitment to on-going maintenance is essential for success.*
- *Pilot project provided valuable information for planned larger scale installation.*

PROJECT GOALS AND OBJECTIVES

The overarching goal of this project was to provide a long-term reduction in NPS pollutant loads affecting nearshore waters and coral reefs by

- successfully installing seven Curb Inlet Baskets in the West Maui region;
- establishing and conducting a maintenance routine;
- documenting project successes and challenges as a pilot effort; and
- educating users (current and future) of the benefits of Curb Inlet Baskets and their low maintenance requirements.



Curb Inlet Basket Locations

MANAGEMENT OUTCOMES

This project demonstrates, on a pilot scale level, that implementation of Curb Inlet Baskets as management practices to reduce NPS pollution loads and protect coral reef ecosystems is feasible. Lessons learned from this project should be shared with others, and used to expand their installation in the West Maui region as recommended in the *Wahikuli-Honokōwai Watershed Management Plan*.

For More Information

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