Baffle Boxes on St. Pete Beach

Debris Capture
Suspended Solids: Capture up to 90%
Nutrient Removal: 19% Phosphorus and 20% Nitrogen from sediment capture
Hydrocarbon Removal Filter

$40,000 Material Cost depending on vendor
$130,000 to $150,000 Installation, cost depending on conditions

Maintenance Requirements
In-House Staff
  Inspections
  Removal of Vegetative Debris Following Storm Activity
Contract Support
  Cleaning of Flotsam and Sediment
City of St. Pete Beach
Baffle Boxes

27 Installed
Nutrient rich vegetation and litter are captured in filtration screen system. Sediment settles to the bottom.

Bottom of concrete structure is only 4' below the pipe.
Baffle Boxes for Water Quality

Questions and Comments