



Trash Capture Devices



The City of Fort Bragg is a designated Phase II Municipal Separate Storm Sewer System (MS4), regulated by the California State Water Resources Control Board (SWRCB). In June of 2017, the City received Water Code Section 13383 Order to address the pervasive impacts trash has on waters of the state. The Trash Provisions Order details a strategic planning process to prevent trash discharge through the MS4 using state certified trash capture devices.

Environmental and Water Quality Benefits

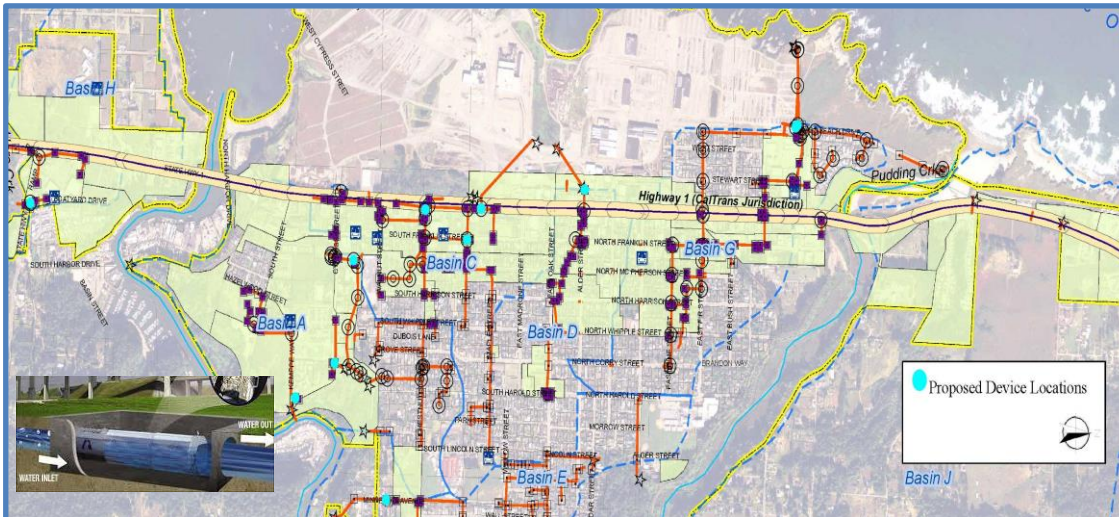
Primary

- > Increased filtration and treatment of runoff
- > Employment opportunities created

Secondary

- > Trash Reduction
- > Improvement of habitats for aquatic species

Estimated Large Device Cost (\$/device)	\$ 25,000.00
Cost of Large Devices (12*\$25000)	\$ 300,000.00
Estimated Maintenance Cost/year	\$ 1,800.00
Maintenance cost over 10 years (12x1800)(10)	\$ 216,000.00
Total Cost over 10 years	\$ 516,000.00
Estimated Cost/year	\$ 51,600.00



- Devices will be strategically placed in 12 locations to ensure 100% capture of trash runoff from the highest trash generating areas.
- These Priority Areas include:
 - » High Density Residential (≥ 10 Dwelling Units/acre)
 - » Industrial
 - » Commercial
 - » Mixed Urban
 - » Public Transportation Stations.
- Traps particles as small as 5mm.
- Capacity of devices designed to treat 1-year, 1-hour storm events.
- 10% Compliance required each year over 10 years.