



Image sourced from Wikipedia

Location: City of Oakley, California

Program: Retrofit for FTC Compliance

Devices: 9 × LittaTrap (Combination Curb + Grate Inlet configurations solutions)

PROJECT OVERVIEW:

A commercial logistics facility in Oakley required a retrofit solution to meet California's Full Trash Capture (FTC) requirements. Combination inlets present a known challenge due to split hydraulics through both the grate and curb entry, as well as inconsistent basin geometries.

Nine LittaTrap units were installed to provide at-source treatment, capturing trash before it enters the downstream storm drain network. These devices included full capture fabrics and installed Vector portals, complying with all aspects of the California Waterboard full capture requirements.

“Installs went quickly. We are looking forward to seeing the ease of maintaining these devices by hand.”

Gordon Clem,
Installer and owner
Pacific Stormwater BMP Solutions

KEY OUTCOMES:

- **Full Trash Capture Compliance:** Ensures both curb and grate inflows are treated.
- **Modularity Across Inlet Types:** Adaptable to varying inlet geometries and configurations.
- **Maintenance Efficiency:** Hand-removable basket reduces reliance on vactor trucks, reducing the whole of life cost of the device

INSTALLATION EXPERIENCE:

This is our first project with our new installer, Pacific Stormwater BMP solutions. Once the first unit was installed and configured, the process became highly repeatable across the remaining inlets.

WHY LITTATRAP™ FOR COMBINATION INLETS:

- Dual-flow capture for curb and grate inflows
- Lab tested screens with large screening area reduces bypass
- Indirect screening maintains hydraulic capacity as the basket fills over time
- At-source treatment prevents downstream transport, preventing clogging of the downstream network, reducing additional costly maintenance
- Low lifecycle cost with simple maintenance
- Durable device, with an 8 year warranty

SUMMARY:

This installation demonstrates how LittaTrap's modular design and adaptable sealing system provide a practical, repeatable solution for retrofitting combination curb and grate inlets. The system delivers compliant, efficient, and maintainable at-source trash capture.

