

ITEM 934

INLET PROTECTION - CURB AND GUTTER

- 934.1 Description. A temporary sediment control barrier consisting of a filter media, such as compost filter socks, gravel and mesh, gravel bags, etc., around a curb and gutter inlet designed to prevent sediment from entering the storm sewer. Shallow temporary ponding during and after rainfall should be expected.
- 934.2 When BMP is to be installed. Immediately after installation of the inlet, or prior to land disturbing activities beginning on the contributing upstream area to the inlet.
- 934.3 Appropriate Applications. At inlets where runoff may contain sediment-laden water.
- i. Type of Flow: Sheet flow and concentrated flow.
 - ii. Contributing Area: Maximum of 1 acre.
 - iii. In conjunction with, or as a substitution for Item 741- Inlet Protection Barrier (For Stage II Inlets, Gravel Bags).
- 934.4 Standards and Specifications. Typical types of curb and gutter inlet protection include: fabricated inlet filters (follow manufacturer's instructions), compost filter sock (make sure that both ends of the sock are anchored accordingly), gravel and wire mesh (construct and anchor wood frame, fasten wire mesh and fabric to frame, and place the gravel on top of the entire structure), and gravel bags (may be placed either as a j-hook on the upstream end of the inlet or as a full barrier, sometimes stacked 2 bags high, across the entire opening of the inlet). Incorporate an overflow bypass into the inlet protection structure in areas, such as heavy traffic streets, where excessive ponding of water around the inlet may become a safety issue.
- 934.5 Operations and Maintenance. Inspect inlet protection of all media types weekly and after each ½" rainfall event to make sure they are functioning properly. Remove trash and debris. Remove sediment from the inlet protection when half of the protection structure height has been filled. Repair elements to original configuration as needed.

934.6

Site Condition for Removal. Remove after contributing drainage areas have been adequately stabilized.

See Attached Photos





END ITEM 934