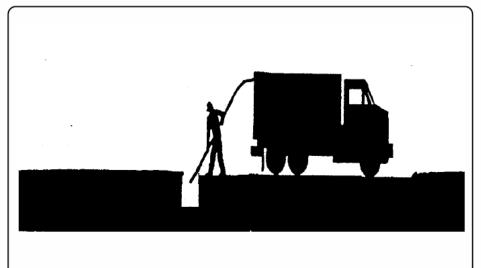
## **BMP: Catch Basin Cleaning**



#### **OBJECTIVES**

- ☐ New Development
- ☐ Residential
- □ Commercial Activities
- □ Industrial Activities
- Municipal Facilities
- ☑ Illegal Discharges

#### **DESCRIPTION:**

Maintain catch basin and stormwater inlets on a regular basis to remove pollutants, reduce high pollutant concentrations during the first flush of storms, prevent clogging of the downstream conveyance system, and restore the catch basins' sediment trapping capacity. A catch basin is distinguished from a stormwater inlet by having at its base a sediment sump designed to catch and retain sediments below the overflow point. This information sheet focuses on the cleaning of accumulated sediments from catch basins.

#### APPROACH:

Regular maintenance of catch basins and inlets is necessary to ensure their proper functioning. Clogged catch basins are not only useless but may act as a source of sediments and pollutants. In general, the key to effective catch basins are:

- At least annual inspections.
- Prioritize maintenance to clean catch basins and inlets in areas with the highest pollutant loading.
- ► Clean catch basins in high pollutant load areas just before the wet season to remove sediments and debris accumulated during the summer.
- ► Keep accurate logs of the number of catch basins cleaned.
- ▶ Record the amount of waste collected.

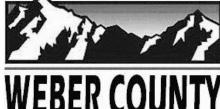
#### LIMITATIONS:

▶ There are no major limitations to this best management practice.

#### **MAINTENANCE:**

Regular maintenance of public and private catch basins and inlets is necessary to ensure their proper functioning. Clogged catch basins are not only useless but may act as a source of sediments and pollutants. In general, the keys to effective catch basins are:

- ► Annual/monthly inspection of public and private facilities to ensure structural integrity, a clean sump, and a stenciling of catch basins and inlets.
- ▶ Keep logs of the number of catch basins cleaned.
- Record the amount of waste collected.



### **ENGINEERING DEPARTMENT**

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#### **TARGETED POLLUTANTS**

- Sediment
- Nutrients
- Heavy Metals
- ☐ Toxic Materials
- Oxygen Demanding Substance
- ☑ Oil & Grease
- Floatable Materials
- □ Bacteria & Viruses
- High Impact
- Medium Impact
- □ Low or Unknown Impact

# IMPLEMENTATION REQUIREMENTS

- Capital Costs
- O&M Costs
- □ Regulatory
- Staffing
- Administrative
- High
- Medium
- □ Low