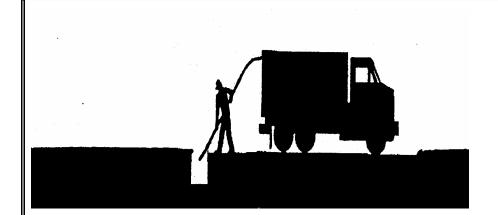
BMP: Catch Basin Cleaning



PROGRAM ELEMENTS

- □ 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.



PIONEERING UTAH'S FUTURE

ADAPTED FROM SALT LAKE COUNTY BMP FACT SHEET

TARGETED POLLUTANTS

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

IMPLEMENTATION REQUIREMENTS

⊠Capitol Costs

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