



**OBJECTIVES**

- Housekeeping Practices
- Contain Waste
- Minimize Disturbed Areas
- Stabilize Disturbed Areas
- Protect Slopes/Channels
- Control Site Perimeter
- Control Internal Erosion

**TARGETED POLLUTANTS**

**H M L**

- Sediment
- Nutrients
- Heavy Metals
- Toxic Materials
- Oil & Grease
- Floatable Materials
- Bacteria & Viruses
- Other Waste

**IMPLEMENTATION REQUIREMENTS**

**H M L**

- Capital Costs
- O&M Costs
- Maintenance
- Training
- Staffing
- Administrative

**H = High M = Medium L = Low**

**DESCRIPTION:**

An area excavated around a storm drain inlet to impound water below the inlet.

**APPLICATION:**

- Construct at storm drainage inlets located downgradient of areas to be disturbed by construction (for inlets in paved areas see other information sheets for inlet protection)

**INSTALLATION / APPLICATION CRITERIA:**

- Provide upgradient sediment controls, such as silt fence during construction of inlet
- When construction of inlet is complete, excavate adjacent area 1 to 2 feet lower than the grate elevation. Size of excavated area should be based on soil type and contributing acreage

**LIMITATIONS:**

- Recommended maximum contributing drainage area of one acre
- Limited to inlets located in open unpaved areas
- Requires flat area adjacent to inlet

**MAINTENANCE:**

- Inspect inlet protection following storm event and at a minimum of once monthly
- Remove accumulated sediment when it reaches one half of the excavated sump below the grate
- Repair side slopes as required



1500 East 650 North  
Fruit Heights, UT 84037