



**OBJECTIVES**

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

**DESCRIPTION:**

Placement of gravel filter over inlet to storm drain to filter storm water runoff.

**APPLICATION:**

Construct at inlets in paved or unpaved areas where upgradient area is to be disturbed by construction activities.

**INSTALLATION/APPLICATION CRITERIA:**

- < Place wire mesh (with 1/2 inch openings) over the inlet grate extending one foot past the grate in all directions.
- < Place filter fabric over the mesh. Filter fabric should be selected based on soil type.
- < Place graded gravel, to a minimum depth of 12-inches, over the filter fabric and extending 18-inches past the grate in all directions.

**LIMITATIONS:**

- < Recommended for maximum drainage area of one acre.
- < Excess flows may bypass the inlet requiring down gradient controls.
- < Ponding will occur at inlet.

**MAINTENANCE:**

- < Inspect inlet protection after every large storm event and at a minimum of once monthly.
- < Remove sediment accumulated when it reaches 4-inches in depth.
- < Replace filter fabric and clean or replace gravel if clogging is apparent.



**TARGETED POLLUTANTS**

- ± Sediment
- 9 Nutrients
- 9 Toxic Materials
- 9 Oil & Grease
- ± Floatable Materials

|                         |
|-------------------------|
| ± High Impact           |
| : Medium Impact         |
| 9 Low or Unknown Impact |

9 Other Waste

**IMPLEMENTATION REQUIREMENTS**

- : Capital Costs
- 9 O&M Costs
- : Maintenance

|        |          |       |
|--------|----------|-------|
| ± High | : Medium | 9 Low |
|--------|----------|-------|

9 Training