Stormwater and the Construction In



Protect Natural Features



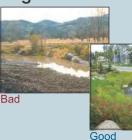
- · Minimize clearing.
- · Minimize the amount of exposed soil.
- Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.
- or other sensitive areas from any disturbance or construction activity by fencing or otherwise clearly marking these areas.

Construction Phasing



- Sequence construction activities so that the soil is not exposed for long periods of time.
- Schedule or limit grading to small areas.
- Install key sediment control practices before site grading
- Schedule site stabilization activities, such as landscaping, to be completed immediately after the land has been graded to its final contour.

Vegetative Buffe



- Protect and install vegetative buffers ale
- Maintain buffers by mowing or replanting

Silt Fencing



Inspect and maintain silt fences after each rainstorm.

- Make sure the bottom of the silt fence is buried in the ground.
- Securely attach the material to the stakes.
- Don't place silt fences in the middle of a waterway or use them as
- · Make sure stormwater is not flowing around the silt fence

Maintain your BMPs!

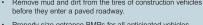
www.epa.gov/npdes/menuofbmps



Construction Entrances



- Remove mud and dirt from the tires of construction vehicles before they enter a paved roadway.
- Properly size entrance BMPs for all anticipated vehicles.
- Make sure that the construction entrance does not become



Slopes



- · Rough grade or terrace slopes
 - Break up long slopes with sediment barriers, or under



Cover or seed all dirt stockpiles



Storn

Stormwater and the Construction Industry

Planning and Implementing Erosion and Sediment Co

As stormwater flows over a construction site, it picks up pollutants like sediment, debris, and chemicals. High volumes of stormwater can also cause stream bank erosion, and destroy downstream aquatic habitat. Preventing soil erosion and sedimentation is an important responsibility at all Construction sites.

In addition to the environmental impact, uncontrolled erosion can have a significant financial impact on a construction project. It costs money and time to repair guillés, replace vegetation, clean sediment-clogged storm drains, replace poorly installed BMPs, and mitigate damage to other people's property or to natural resources.

Best Management Practice (BMP)

A BMP is a method used to prevent or control stormwater runoff and the discharge of pollutants, including sediment, into local waterbodies. Silt fences, inlet protection, and site-stabilization techniques are typical BMPs on a construction site

omeone who has control over the day-to-day operations at a site (e.g., owner, general contractor) that are no to ensure compliance with the permit requirements. It is the responsibility of a construction site owner or operator to contain stormwater runoff and prevent erosion during all stages of a project

Developing and Implementing a Plan

- · Advance planning and training to ensure proper implementation of the BMPs
- Erosion and sediment control BMPs in place until the area is perms
 Pollution prevention BMPs to keep the construction site "clean"

1. Site Evaluation and Design Development

- Prepare pollution prevention site map

2. Assessment

4. Certification and Not

Certify the Plan

Frosion and sedimentation co as good as the installation and

5. Implementing and