Stormwater and the Construction Industry

**Protect Natural Features**
- **Good**
  - Minimize clearing.
  - Maintain the amount of exposed soil.
  - Identify and protect areas where existing vegetation, such as trees, will not be disturbed by construction activity.
  - Protect streams, stream buffers, wild woodlands, wetlands, or other sensitive areas from any disturbance or construction activity by fencing or otherwise clearly marking these areas.

- **Bad**

**Construction Phasing**
- **Good**
  - 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 begins.
  - Schedule site stabilization activities, such as landscaping, to be completed immediately after the land has been graded to its final contour.

- **Bad**

**Vegetative Buffers**
- **Good**
  - Protect and install vegetative buffers along waterbodies to slow and filter stormwater runoff.
  - Maintain buffers by mowing or replanting periodically to ensure their effectiveness.

- **Bad**

**Silt Fencing**
- **Good**
  - 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 a check dam.
  - Make sure stormwater is not flowing around the silt fence.

- **Bad**

**Site Stabilization**
- **Good**
  - Vegetate, mulch, or otherwise stabilize all exposed areas as soon as land alterations have been completed.

- **Bad**

**Construction Entrances**
- **Good**
  - 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 buried in soil.

- **Bad**

**Slopes**
- **Good**
  - Rough grade or terrace slopes.
  - Break up long slopes with sediment barriers, or underdrain, or divert stormwater away from slopes.

- **Bad**

**Dirt Stockpiles**
- **Good**
  - Cover or seed all dirt stockpiles.

- **Bad**

**Storm Drain Inlet Protection**
- **Good**
  - Use rock or other appropriate material to cover the storm drain inlet to filter out trash and debris.
  - Make sure the rock size is appropriate (usually 3 to 12 inches in diameter).
  - If you use inlet filters, maintain them regularly.

- **Bad**

**Maintain your BMPs!**

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