

Protecting Water Quality

... at Construction Sites

It's Everyone's Responsibility

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 a check dam.
- ◆ Make sure that stormwater is not flowing around the silt fence.

Good



Bad



Construction Phasing



Bad

Good



- ◆ Sequence construction activity so that the soil is not exposed for long periods of time.
- ◆ Install sediment controls before site grading begins.
- ◆ Schedule site stabilization, such as landscaping, to begin as soon as the site has been graded to its final contour.

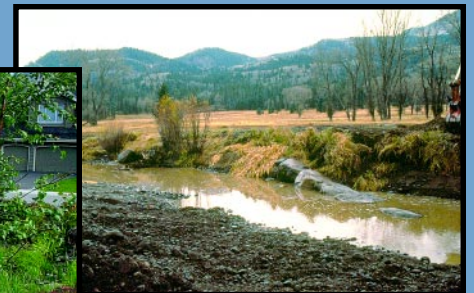
Vegetative Buffers

- ◆ Protect and install vegetative buffers along waterbodies to slow and filter stormwater runoff.
- ◆ Maintain buffers periodically to ensure their effectiveness.

Good



Bad



Storm Drain Inlet Protection

- ◆ 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 1 to 2 inches in diameter).
- ◆ If you use inlet filters, maintain them regularly.

Good



Bad

Construction Entrances

Good



Bad



- ◆ Remove mud and dirt from 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.

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.

Good



Bad