

What can be done?

- Develop and implement an erosion prevention and sediment control plan for construction projects (see inset).
- Cover bare soil before it rains. Use mulch, erosion control blankets, or other materials.



- Retain native trees and brush cover.
- Protect storm drains.



- Use native species in landscaping.
- Avoid construction during heavy rains.
- Learn more about erosion prevention and sediment control methods. Visit <http://www.stream-smart.com/>.



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protecting our surface water
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Erosion Prevention and Sediment Control



Can Dirt Really Hurt?



Impacts of Erosion and Sedimentation

What is Soil Erosion?

Erosion is a natural process in which soil particles are displaced by the action of wind or water. Erosion becomes a problem when human activities accelerate the process.

Natural erosion averages 0.2 tons/acre annually.

*This **rate increases to 150 to 200 tons/acre for unprotected construction sites!***



What is Erosion Prevention and Sediment Control?

Erosion prevention is any practice that protects the soil surface and prevents soil particles from being detached by rainfall or wind. Erosion prevention treats the soil as a valuable resource.

Sediment control is any practice that traps soil particles after they have been detached and moved by wind or water.

