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## Ways to Control Erosion on Your Site

As a construction safety officer, inspector, developer, or contractor, your focus is to maintain BMPs before, during, and after construction. This reference guide may aid in your creation of construction site plans and Stormwater Pollution Prevention Plans (SWPPP).

1



**Eroded soil**, which may contain nutrients, fertilizers, or pesticides, can be deposited where there is a **reduction in land slope**. **Silt fence** is used to protect the water quality in nearby streams, rivers, and lakes by retaining sediment where soil is being disturbed by construction.

2



Increased suspended sediment impairs water quality for aquatic and human life, hinders navigation, and increases flooding risks. **Turbidity curtains** are floating barriers designed to contain and control the dispersion of floating silt or turbidity in water.

3



Certain sites may require long term erosion control, with minimal maintenance. Erosion Control Blankets and coir mats, are two of several **Erosion Control Products**, that are a biodegradable option for hills, banks, shorelines. They allow for **full plant and soil stabilization, natural invasion, and soil amendment**.

4



Stormwater runoff disturbs soil near french drains, during rip rap installation, and asphalt overlay. **Geotextiles** are used as a means of separation, stabilization, filtration, and slope protection, to control soil particles as they are displaced.

5



Keeping **slope lengths short**, gradients low, and **preserving natural vegetation** allows for the control of stormwater velocities and limitation of erosion hazards. Apply measures to prevent excessive site damage and keep run off velocities low for better **soil erosion control**. **Get in touch with us about your project today!**