







Erosion Control

Sheet Erosion

- Description
 - Removal of broad thin layer of soil
 - Greatest overall soil
 loss
- Prevention
 - Cover
 - Soil binders



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Erosion & Sediment Control

- Erosion control
 - · First line of defense
 - Prevent soil movement by wind and water
- Sediment control
 - Second line of defense
- Remove soil before it leaves the site
- Temporary or Permanent Controls
- Remove temporary BMPs at completion



EC-1	Scheduling	EC-11	Slope Drains
EC-2	Preservation of Existing Vegetation	EC-12	Streambank Stabilization
		EC-14	Compost Blankets
EC-3	Hydraulic Mulch	- FO 15	Soil
EC-4	Hydroseeding	EC-15	Preparation/Roughening
EC-5	Soil Binders	EC-16	Non-Vegetative Stabilization
EC-6	Straw Mulch		
EC-7	Geotextiles & Mats		
EC-8	Wood Mulching		
EC-9	Earth Dikes and Drainage Swales	WE-1	Wind Erosion Control
EC-10	Velocity Dissipation Devices		









Erosion Control

- What to look for
 - Anchors or Adhesives
 - Visible soil
 - Soil preparation - Roughened



- Groomed (e.g. large rocks/boulders removed)
- Stretching (e.g. Jute matting will conform if not stretched)





Water Polls



























WM-1	Material Delivery and Storage	WM-6	Hazardous Waste Management
WM-2	Material Use	WM-7	Contaminated Soil Management
WM-3	Stockpile Management	WM-8	Concrete Waste Management
WM-4	Spill Prevention and Control	WM-9	Sanitary/Septic Waste Management
WM-5	Solid Waste Management	WM-10	Liquid Waste Management





Good Site Management Check for Designated concrete washout areas

- Covered and contained stockpiles
- Covered and elevated material storage
- Placement &/or 2° containment for portable toilets



Non-Stormwater Management

- Activities that have potential to discharge
 - · Potable water use
 - Paving/grinding operations
 - Vehicle/equipment use, cleaning, fueling and maintenance

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Concrete work

Non-Stormwater Management BMPs

NS-1	Water Conservation Practices	NS-9	Vehicle and Equipment Fueling
NS-2	Dewatering Operations	NS-10	Vehicle and Equipment Maintenance
NS-3	Paving and Grinding Operations	NS-11	Pile Driving Operations
NS-4	Temporary Stream Crossing	NS-12	Concrete Curing
NS-5	Clear Water Diversion	NS-13	Concrete Finishing
NS-6	Illicit Connection/Discharge	NS-14	Material and Equipment Use
NS-7	Potable Water/Irrigation	NS-15	Demolition Adjacent to Water
NS-8	Vehicle and Equipment Cleaning	NS-16	Temporary Batch Plants













