Erosion Prevention and Construction Site Management Program

1. **Install and Maintain Sediment Controls.** The best way to keep sediments out of the water is to prevent soil erosion:
   - Save as much of the existing vegetation as possible.
   - Clear the construction site during the dry season.
   - Phase the clearing to minimize the time soil is exposed.
   - Cover exposed soils with straw or tarp to prevent rain runoff.
   - Reduce runoff by using check dams, straw bales, bio bags, or brush bundles.
   - Trap eroded sediment before it leaves the site with filter fabric fences, filter berms, or sediment traps/ponds.

2. **Develop a CSMP:**
   - Prepare a flexible erosion plan to ensure erosion control measures fit the weather and site conditions.
   - Use berms, swales, and culverts to divert runoff from exposed soils.
   - Slow the rate of runoff with vegetation, riprap, check-dams and slope terracing.

3. **Preserve Vegetation and Cover Soils:**
   - Keep soils covered with preserved vegetation to prevent erosion.
   - Provide temporary cover to exposed soils with seeding, mulch, mats, blankets or plastic sheeting with anchors.
   - Plant permanent vegetation/cover as soon as earthwork activities are complete.

4. **Control Runoff during Construction:**
   - Divert runoff from exposed soil using diversion dikes and ditches, diversion swales lined with grass, berms of soil or rock, or pipe drainage systems.
   - Reduce the speed of runoff by planting exposed soils and ditches, roughening surfaces or installing check dams such as straw bales, rocks, bio bags, and/or sandbags.
5. **Keep Concrete Mortar out of Storm Drains:**

- Use designated washout areas to keep wash-water from entering the storm drain system.
- When building concrete aggregate driveways, wash fines to the side and collect them. Never wash them down the driveway.
- Never wash fresh concrete mortar into a stream or storm drain. Use straw bales, rocks, bio-bags and/or sandbags to keep concrete from washing away.

6. **Keep Work Areas Clean:**

- Clean wastes and litter at the work site each day.
- Sweep all surfaces that drain to the storm drain system and dispose of sweepings properly.
- When sandblasting a building cover the ground with a tarp to catch the chips.
- Maintain construction equipment and vehicles regularly to help prevent oil and fuel leaks.
- When transporting saturated soils and other materials from the site, use watertight trucks with covers.
- Cover potentially polluting materials including waste containers, chemicals, paints and solvents, stockpiles of lumber, building materials, metal products, and/or landscaping materials.
- On construction sites with large parking lots, install and maintain an oil/water separator.

7. **Prepare for and clean up Spills:**

- Prepare a spill response plan, which includes contact names and phone numbers, clean-up instructions, and locations of spill containment and clean-up devices.
- Immediately stop the source of any spill. Cover the spill with absorbent material such as vermiculite, cat litter or sawdust. Absorbents used to clean a hazardous spill must be disposed of as a hazardous waste.
Pick Up the Phone

City of Medford Resources

→ Business License 774-2025
→ Stormwater Information 774-2600
→ Stormwater Rate/Billing Information 774-2100
→ Pollution Complaints/Stormwater Discharge Violations 774-2600
→ Stormwater System Maintenance 774-2600
→ Disposal to the Wastewater Collection System 774-2750

Hazardous Waste/Disposal Alternatives

• Emergency Spills:
  City of Medford 9-1-1

• Hazardous Waste:
  See the Telephone Yellow Pages

• Recycling Services:
  See the Telephone Yellow Pages

• Discharge Permits:
  Oregon State Department of Environmental Quality 776-6010/X246
  Regional Wastewater Treatment Plant 774-2750

• Storage Considerations:
  City of Medford Fire Marshall’s Office 774-2318

• Technical Assistance:
  Oregon Department of Environmental Quality 776-6010X246