

Species Protective Measures for Development Projects

1. Incorporate properly installed and maintained erosion and sediment best management practices until all exposed soils are permanently stabilized.
 - a. Ensure proper use, installation, and maintenance of energy dissipaters (e.g., hay bales, etc.) and silt fence. Silt fence should be installed around the project area perimeter. Install as specified by manufacturer. Maximum length of slope draining to any point along the silt fence should not exceed 100 feet. Do not place silt fence in areas with concentrated flow. A 15 foot gap in the silt fence to accommodate traffic is permissible. Silt fence should be inspected and repaired if necessary following 0.5 inch rainfall/48 hour period or 0.25 inch rainfall/one hour. Remove sediment when buildup against silt fence is at or near 40 percent capacity.
 - b. Sediment traps should be constructed with adequate capacity for storm events and accumulated sediment, with 75 percent removal efficiency. Traps should have both inflow and outflow.
 - c. For commercial construction, install detention basin(s) sized to capture first one inch of a rainfall event. Constructing detention basins in a stream is not permissible. Line bottom of detention basin with a textile or bentonite type material to capture rain and not allow infiltration. This material should be covered by one to two feet of gravel. At least once every 5 years, the basin should be drained and if necessary dredged to its original depth. After capture of first 1 inch of rainfall, flow should be directed to 50 – 100 foot bioretention treatment area consisting of a vegetated strip, sand bed, organic or mulch layer, planting soil, or hydrophilic plants.
 - d. Within 24 hours following precipitation events at project site, all erosion and sediment control measures must be maintained and either repaired or replaced.
 - e. Revegetate site within 30 days following construction completion.