SEDIMENT AND EROSION CONTROL MEASURES

Erosion Prevention Best Management Practices:

1. **Retain a Buffer Zone** outside of construction area (not to be used on its own)
2. **Preserve Natural Vegetation** as much as possible
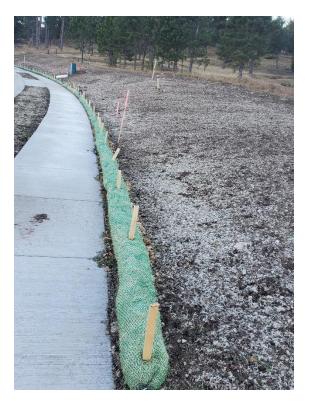3. Consider **Dust Control**
4. Provide **Ground Cover**

   Examples:

   a. Hydromulch
   b. Straw mulch
   c. Wood or cellulose fiber
   d. Wood chips
   e. Gravel or crushed rock
5. Utilize **Hydraulic Applications**
   a. Tackifiers
   b. Hydraulic mulch

6. Use **Matting** for slopes 2:1 and steeper:

   Examples:

   a. Straw mat, coconut mat, or combination
   b. Jute mat
   c. Erosion control blanket
   d. Coir fabric mat
   e. Turf Reinforcement Mats
7. **Plastic Sheeting** for slopes and stockpiles
8. Provide **Seeding** (Temporary and Permanent) as soon as possible
9. Use **Sod** for permanent or temporary cover

Runoff Control Best Management Practices:

1. **Check Dams** for swales or ditches to reduce velocity of water
2. **Diversion Dikes and Swales** to divert runoff
3. **Grass-lined Swale**
4. **Install Outlet Protection** to reduce speed of concentrated flow
5. **Install a Pipe Slope Drain** on steep hills to discharge into a stabilized watercourse
6. Using tracked equipment for **Surface Roughening** to provide protection from sheet erosion

Sediment Control Best Management Practices:

1. Install **Bio-filter Bags** to provide a physical barrier to sediment runoff
2. Install and identify the **Construction Entrance,** made of coarse aggregate**,** on the site plan

3. Consider implementing **Dewatering BMPS** to filter water
4. **Filter Berms** reduce the rate of surface runoff.

    Examples:

    a. Aggregate Berm
    b. Compost Berm

5. **Inlet Protection** measures such as bio-filter bags provide protection to storm inlets and prevents contaminated water from entering the MS4 (storm sewer system)
6. **Oak Mats** can be used to reduce tracking and provide a platform for materials and equipment
7. **Sand Bags** are a low-cost measure to contain construction runoff

8. Installing a **Silt Fence** is a common BMP for perimeter control
9. Synethic and natural **Wattles** are also a common erosion control measure