

Best Management Practices

Best Management Practices includes silt fence, construction drive, sediment ponds, basins and/or traps, and permanent water quality ponds.

Silt Fence

- Steel posts are used to install silt fence. Wooden posts are not allowed.
- Steel posts must be a minimum of 5 feet long.
- Posts should be installed to a minimum of 2 feet in depth.
- Posts spacing should be a maximum of 6 feet on center. Eight-foot spacing is accepted, provided wire backing is installed.
- Attach fabric to posts using tie wire or heavy duty plastic ties.
- Place the fence perpendicular to the direction of the water flow.
- The silt fence must be buried 6 inches deep and 6 inches across and covered with the earth that was dug out.
- The silt fence should be inspected at least once every 7 calendar days and within 24 hours after each storm event of ½ inch of water or greater.
- Replace fence immediately if there are signs of tears, decomposition, or sagging.
- Sediment must be removed when it reaches approximately 1/3 the height of the fence.
- Remove the silt fence within 30 days after final stabilization, or after temporary BMP's (Best Management Practices) are no longer needed.
- Stabilize any disturbed area resulting from fence removal.

Construction Drive

- A non-woven geotextile fabric should be installed prior to placing any stone.
- A culvert pipe should be placed across the entrance when needed to provide positive drainage.
- Minimum dimensions of the entrance should be 24-feet wide by 100 feet long.
- The edges of the entrance should be tapered out towards the road to prevent tracking of mud at the edge of the entrance and so that long vehicles do not leave the stabilized area when turning onto or off of the paved roadway.
- The entrance should consist of a 2 to 3 inch D50 aggregate with a minimum thickness of 6 inches.
- Inspect entrance at least once every 7 calendar days and within 24 hours after each storm event of ½ inches of water or greater.
- Wash, replace or add stone whenever the entrance fails to perform effectively. Reshape the stone pad as needed for drainage and runoff control.
- The contractor must take necessary action to minimize the tracking of mud onto roadway from construction daily.