

Minimum Standard #	Summary Description & Purpose of Minimum Standards
MS 1	Addresses permanent and temporary soil stabilization within 7 days when site is at final grade and on sites that are not at final grade, but will remain dormant for more than 14 days.
MS 2	Soil Stockpiles and borrow areas must be stabilized or protected with sediment trapping measures. This includes off site/remote areas. According to MS-1, piles dormant more than 14 days should be temporary seeded.
MS 3	Permanent Stabilization must be applied to areas not otherwise permanently stabilized. Ground cover needs to be uniform, mature enough to survive and inhibit erosion.
MS 4	Perimeter controls (sediment barriers, sediment basins, traps, perimeter dikes, etc.) must be installed as first measures and shall be made functional before upslope activity occurs.
MS 5	Stabilization practice shall be applied immediately to earthen structures (i.e. dams, dikes & diversions) after installation.
MS 6	Sediment traps and basins shall be designed and constructed based on the total drainage area they serve.
MS 7	Cut and fill slopes shall be designed and constructed in a manner that will minimize erosion.
MS 8	Concentrated runoff shall not flow down a cut or fill slope unless contained in an adequate temporary or permanent channel, flume or slope drain structure.
MS 9	Where water seeps from a slope face, adequate drainage or other protection shall be provided.

MS 10	All storm sewer inlets made operable during construction must be protected so sediment laden water cannot enter without first being filtered.
MS 11	Before any newly constructed stormwater conveyance channel can be made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel.
MS 12	Minimize encroachment to live water course. Non-erodible materials shall be used for constructing causeways and coffer dams; earthen material may be used if armored by non-erodible material.
MS 13	When construction vehicles must cross a live water course more than twice in a 6 month period, a temporary stream crossing of non-erodible material must be provided.
MS 14	When working in a live water course, all applicable Federal, State and local regulations pertaining to the activity must be met.
MS 15	The bed and banks of a watercourse shall be stabilized immediately after work in the watercourse has been completed.
MS 16	Underground utility lines can have no more than 500 feet open trench and need to be stabilized as soon as possible. All dewatering operations shall be filtered before water leaves the site.
MS 17	Provisions shall be made to minimize the transport of sediment from the site onto paved surfaces.
MS 18	All temporary ESC measures shall be removed within 30 days of achieving final stabilization or when the measures are no longer needed.
MS 19	Stormwater standard: Protect properties and waterways downstream of a land disturbing activity from erosion and sediment deposition due to increases in peak stormwater runoff.

**The minimum standards can be grouped into the following categories:**

**Perimeter control**

Minimum standards 4, 6, 17 require sediment trapping measures to be installed before the start of any land disturbance.

**Erosion control**

Minimum standards 1, 2, 3, and 5 require the use of vegetation to stabilize soil and prevent erosion.

**Slope protection**

Minimum standards 7, 8 and 9 require practices to protect slopes from erosion. Images

**Channels, culverts and outlets**

Minimum standards 10 and 11 require practices to protect inlets, outlets and channels from sediment.

**Waterway protection**

Minimum standards 12, 13, 14, and 15  
Require practices to protect waterways.

**Utility lines**

Minimum standard 16  
Required steps for underground utility lines.

**Project completion**

Minimum standard 18 requires the removal of all erosion and sediment control measures when the site is stabilized or are no longer needed.

**Post construction stormwater management**

Minimum standard 19 and the Stormwater Management Regulations require stormwater to be managed after construction.