
Part 1 General**1.1 SECTION INCLUDES**

- .1 Create an erosion and sediment control plan.
- .2 Prevent loss of soil during construction by storm water runoff and wind erosion.
- .3 Protect stockpiled topsoil.
- .4 Prevent sedimentation of storm water and receiving streams.
- .5 Prevent pollution of the air with dust and particulate matter.

1.2 RELATED SECTIONS

- .1 Section 31 23 20 – Excavating, Trenching and Backfill.
- .2 Section 01 33 00 – Submittals.

1.3 REFERENCES

- .1 EPA 832/R-92-005 - Storm Water Management for Construction Activities: Developing Pollution Prevention Plans and Best Management Practices, September 1992.
- .2 Local erosion and sediment control guidelines.

1.4 DEFINITIONS

- .1 Erosion: Deterioration, displacement, or transportation of land surface by wind or water, intensified by land-clearing practices related to construction activities.
- .2 Rain or Rain Storm: An event defined causing the pooling of water on road or other impervious surfaces.
- .3 Sediment: Particulate matter transported and deposited as a layer of solid particles within a body of water.
- .4 Snow Melt: An event in snow conditions when the temperature is above 0°C or when environmental conditions causing snow on the ground to melt.

1.5 SUBMITTALS

- .1 Provide requested information in accordance with Section 01 33 00 – Submittals.
- .2 Provide within 7 days of date established for .
- .3 Application for Payment: Concurrent with each application, provide the following Inspection Log information:
 - .1 Weekly inspection record.
 - .2 Report damages or deficiencies and maintenance of erosion and sediment control measures.
 - .3 Identify and address standing rainwater or snowmelt conditions.

Part 2 Products**2.1 SILT FENCING**

- .1 Posts: Steel "T" cross section, of lengths as required.
- .2 Geotextile: Woven polypropylene filter fabric, resistant to ultra-violet degradation.

Part 3 Execution**3.1 STOCKPILING**

- .1 Prevent cleared topsoil and excavated earth stockpiled on site from being eroded by rain storm, snow melt or wind.
- .2 Install silt fencing.
- .3 Maintain silt fencing at a height of no less than 600 mm above grade.
- .4 Extend geotextile filter fabric 200 mm below grade, and return towards the opposite direction of flow.
- .5 Space posts not further than 2.3 m apart.
- .6 Limit operation of vehicles on site to paved surfaces or temporary gravel surfaces in order to avoid the disturbing soil.

3.2 MUNICIPAL STORM WATER

- .1 Protect catch basins, drains, culverts and other points of entry into municipal storm water collection systems.
- .2 Each Week: Inspect for erosion and sediment control measures, to ensure proper functions are not damaged,

END OF SECTION