



COMMERCIAL CONSTRUCTION EROSION/SEDIMENT CONTROL STANDARDS

1. All construction project drainage plans must be reviewed and approved by the City Engineering department before a Grading/Erosion Control Permit is issued.
2. At project sites that require Minnesota Pollution Control Agency (MPCA) permit coverage where a contractor is not the site owner or operator, each contractor must comply with the provisions of the storm water pollution prevention plan (SWPPP) for the project their construction activities will impact.
 - Each contractor must ensure that their activities do not render ineffective, the erosion prevention and sediment control best management practices (BMPs) for the site.
 - Should a contractor damage or render ineffective any BMPs for the site, the contractor must repair or replace such BMPs within seven (7) days.
 - The contractor will be responsible for a BMP that includes seed or sod and must provide maintenance, including any watering necessary to insure the establishment of the seed or sod. The establishment period for a BMP that includes seed or sod shall be 30 days, after which, if the area does not have an acceptable level of establishment, the contractor must re-seed or re-sod until satisfactory establishment is achieved.
3. At project sites where a contractor is the site owner or operator, and the contractor disturbs one or more acres of soil, the contractor must apply for permit coverage from the City and State prior to commencement of construction.
4. Before commencing any land disturbing activity, the storm water inlet(s) that receive runoff from the proposed work area shall be protected. The temporary inlet protection must remain in place until the construction activity is completed, the street has been swept and any exposed soils are stabilized. The contractor is also responsible for removing any temporary inlet protection installed; after all disturbed areas are stabilized. Temporary protection of the inlets may be accomplished by one or more of the following:
 - Use of gravel bags to filter the sediment from any runoff. To make a gravel bag, use a bag made of geotextile fabric (not burlap) and fill with either $\frac{3}{4}$ inch rock or $\frac{1}{4}$ inch pea gravel.
 - Use of sediment logs to filter the sediment from any runoff (available through local erosion control suppliers).
 - Use of above or under-grate filter bags or devices to filter the sediment from any runoff (available through local erosion control suppliers).
 - Use of other available BMPs or control measures providing equivalent protection.

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5. The owner and contractor are responsible to ensure that all other contractors, sub-contractors, and material suppliers comply with all erosion control requirements.
6. The owner and/or contractor are required to inspect all erosion control devices at least once each week and after every rainfall of ½ inch or more to ensure that they are working properly. A written report of each inspection must be maintained.
7. Washout pits for concrete trucks must be provided, as applicable, on site. Pits shall be clearly marked and the location given to each driver. Pits must be cleaned up and backfilled at the end of construction.
8. Construction entrances to reduce or eliminate vehicle tracking are required at all location where construction vehicles or equipment will access the project site from existing city streets.
9. During construction activity, measures must be implemented to reduce or eliminate vehicle tracking of sediments off-site. Measures include:
 - Care in loading trucks to minimize spillage onto pavements.
 - Stockpiles of material, either excavated or new material brought in, should be kept to a minimum and not left uncovered for extended periods (seven days), thus increasing the potential for stockpiles to be eroded by wind or rain.
10. During the period of construction, impervious areas that have been tracked with sediments, or have sediments spilled or eroded onto them, must be swept and the sediments removed by the end of the day. Use of hoses and water to flush the sediments into the storm inlets is not acceptable.
11. Water may not be discharged in a manner that causes erosion, sedimentation, or flooding on the site, on downstream properties, in the receiving channels, or in any storm water inlet. When site dewatering, water pumped from the site, including trenches, shall be treated by one of the following:
 - Temporary sedimentation basins
 - Sediment filtering bags
 - Grit chambers
 - Sand filters
 - Other appropriate controls as deemed necessary
12. Following construction, all disturbed vegetation shall be replaced with seed or sod within seven (7) days of completion. The establishment period for seed or sod shall be 30 days, after which, if the area does not have an acceptable level of establishment, the contractor must re-seed or re-sod until satisfactory establishment is achieved.