



## UTILITY CONSTRUCTION EROSION/SEDIMENT CONTROL STANDARDS

1. At project sites that require Minnesota Pollution Control Agency (MPCA) permit coverage where a utility contractor is not the site owner or operator, each utility contractor must comply with the provisions of the storm water pollution prevention plan (SWPPP) for the project their construction activities will impact.
  - Each utility 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 utility contractor damage or render ineffective any BMPs for the site, the utility contractor must repair or replace such BMPs within seven (7) days.
  - The utility 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 sod or seed. The establishment period for a BMP that includes sod or seed shall be 30 days, after which, if the area does not have an acceptable level of establishment, the utility contractor must re-sod or re-seed until satisfactory establishment is achieved.
2. At project sites where a utility contractor is the site owner or operator, and the utility company disturbs one or more acres of soil for the purpose of installation of utility service lines, including but not limited to residential electric, gas, telephone and cable lines, the utility company must apply for permit coverage from the City and state prior to commencement of construction.
3. Before commencing any land disturbing or pavement removal, 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 utility contractor is also responsible for removing any temporary inlet protection they 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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4. The utility contractor is responsible to ensure that sub-contractors and material suppliers comply with all erosion control requirements.
5. The utility contractor is 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.
6. 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.
7. 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.
8. 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.
9. 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 bags
  - Grit chambers
  - Sand filters
  - Other appropriate controls as deemed necessary.
10. Following construction, all disturbed vegetation shall be replaced with seed or sod within seven (7) days of completion of utility installation on the site. The establishment period for sod or seed shall be 30 days, after which, if the area does not have an acceptable level of establishment, the utility contractor must re-seed or re-sod until satisfactory establishment is achieved.