

TEMPORARY EROSION AND SEDIMENT CONTROL



BUILDING DEPARTMENT

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PERMITS

A Construction Stormwater Permit is required from the Minnesota Pollution Control Agency (MPCA) if a project is disturbing one acre or more. You can contact the MPCA at 1-800-646-6247

FOR SITES WITH LESS THAN 10 ACRES OF SOIL DISTURBED AT ONE TIME

All soil disturbing projects do require temporary erosion control devices along the perimeter of the proposed grading in the areas where the existing or proposed grades will generate runoff onto abutting properties, a city street, wetlands, or waters of the State. Temporary erosion control devices may consist of silt fence, sedimentation traps, or bale sedimentation checks and shall be constructed in accordance with the requirements of the City Engineer.

All disturbed ground left inactive for fourteen or more days shall be stabilized by seeding, sodding, mulching, covering or equivalent control measures

Any soil or dirt storage pile containing more than ten cubic yards of material should not be located with a downslope drainage length of less than twenty-five feet from the top of the pile to a roadway or drainage channel. If a dirt storage pile remains more than seven days, the pile shall be stabilized by mulching, vegetative cover, tarps, or other means. Erosion from piles, which will be in existence for less than seven days shall be, controlled by placing straw bales or silt fence barriers around the pile.

MAINTENANCE OF TEMPORARY EROSION CONTROL DEVICES

All perimeter sediment control shall be repaired when trapped sediment reaches 1/3 of device height within 24 hours of discovery. All nonfunctioning erosion control devices shall be repaired or replaced within 24 hours of discovery, or as soon as field conditions allow access. When the sediment collected in a sediment trap reaches 1/2 of the storage volume, the sediment shall be removed within 72 hours of discovery, or as soon as field conditions allow access. All sediment reaching a paved surface, abutting properties, wetlands, or waters of the State shall be removed within 48 hours of discovery. Exposed soil resulting from sediment removal and erosion shall be established within 7 days of discovery.

STORM WATER RUNOFF DIVERSION

Channelized runoff from adjacent areas passing through the site shall be diverted around disturbed areas, if practical. Otherwise, the channel shall be protected as follows. Sheetflow runoff from adjacent areas greater than ten-thousand square feet in area shall also be diverted around disturbed areas, unless shown to have resultant runoff of less than five tenths (0.5) cubic feet per second across the disturbed area for a one year storm. Diverted runoff shall be conveyed in a manner that will not cause erosion.