



CONSTRUCTION WASTE INFORMATION SHEET

www.ci.orono.mn.us

952-249-4620

The number of Construction projects throughout the city continues to rise. This information sheet is intended to remind builders and contractors to be respectful of neighbors and the environment.

Sec. 79-9 - Minimum SWPPP Best Management Practices (BMPs).

(c) *Construction site waste.*

(1) *Waste and material disposal:* All waste, unused building material (including garbage debris, cleaning wastes, wastewater, toxic materials or hazardous materials), collected sediment, asphalt and concrete millings, floating debris, paper, plastic, fabric, construction and demolition debris and other wastes must be properly contained on site and disposed of off site, not allowed to be carried by runoff into receiving channel or storage sewer system.

(2) *Hazardous materials:* Oil, gasoline, paint and any hazardous substances must be properly stored, including secondary containment, to prevent spill, leaks or other discharge. Restricted access to storage areas must be provided to prevent vandalism. Concrete wash must be limited to a defined area of the site and runoff must be contained within the defined area. Storage of hazardous waste must be in compliance with MPCA regulations.

(3) *Liquid waste:* All non stormwater discharges (concrete truck washout, vehicle washing, maintenance spills, etc.) conducted during the construction activity must comply with the newest version of the state NPDES permit.

(4) *Sanitary facilities:* Adequate on-site sanitary facilities shall be provided in convenient location(s) for all persons who work on the site.

(d) *Tracking.* Each site shall have graveled roads, access drives and parking areas of sufficient width and length to prevent sediment from being tracked onto public or private roadways. Any sediment reaching a public or private road shall be removed by street cleaning before the end of each workday.

(e) *Drain inlet protection.* All storm drain inlets shall be protected during construction with control measures as approved by the city. These devices shall remain in place until final stabilization of the site. A regular inspection and maintenance plan shall be developed and implemented to assure these devices are operational at all times.

(f) *Site erosion control.*

(1) Channelized runoff from adjacent areas passing through the site shall be diverted around disturbed areas, if practical. Diverted runoff shall be conveyed in a manner that will not erode the conveyance at receiving channels. All temporary or permanent drainage channels must be stabilized within 24 hours of being connected to a water of the state. Sediment control is required along channel edges to reduce sediment reaching the channel.

(2) All activities on the site shall be conducted in a logical sequence to minimize the area of bare soil exposed at any one time.

(3) All disturbed ground left inactive for 14 or more days must have temporary or permanent stabilization year round.

(4) For sites with more than ten acres disturbed at one time, or if a channel originates in the disturbed area, one or more temporary or permanent sedimentation basins shall be constructed. Each sedimentation basin shall have a surface area of at least one percent of the area draining to the basin and at least three feet of depth and constructed in accordance with accepted design specifications. Sediment shall be removed to maintain a depth of three feet. The basin discharge rate shall also be sufficiently low as to not cause erosion along the discharge channel or the receiving water.

(5) Perimeter sediment control measures shall be placed along all down gradient perimeters of the site. If a channel or area of concentrated runoff passes through the site, perimeter sediment control measures shall be

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placed along the channel edges to reduce sediment reaching the channel. All down gradient perimeter sediment control measures must include a maintenance and inspection schedule.

(6) Any soil or dirt storage piles containing more than ten cubic yards of material should not be located within 25 feet from a roadway or drainage channel. If remaining for more than 14 days, they shall be stabilized by mulching vegetative cover, tarps or other means and enclosed with down gradient perimeter sediment controls. Piles which will be in existence for less than 14 days shall be enclosed with perimeter sediment controls.

(7) Pipe outlets must have energy dissipation installed within 24 hours of connection to waters of the state.

FOR MORE INFORMATION

Contact the Planning and Zoning Department at 952-249-4620 or planning@ci.orono.mn.us.

Reference: City Code Section 79-9

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