

Waste Management and Materials Pollution Control BMPs

Waste management and materials pollution control BMPs, like non-storm water management BMPs, are source control BMPs that prevent pollution by limiting or reducing potential pollutants at their source before they come in contact with storm water. These BMPs also involve day-to-day operations of the construction site and are under the control of the Contractor. They are additional “good housekeeping practices”, which involve keeping a clean, orderly construction site.

Materials pollution control (also called materials handling) consists of implementing procedural and structural BMPs for handling, storing, and using construction materials to prevent the release of those materials into storm water discharges. The objective is to reduce the opportunity for rainfall to come in contact with these materials. These controls shall be implemented for all applicable activities, material usage and, site conditions. Table 2-6 lists the waste management and materials pollution control BMPs. Fact sheets for these BMPs can be found in the MDT Erosion and Sediment Control Best Management Practices Manual (CDM, 2003).

Table 2-6 Waste Management and Material Pollution Control BMPs

ID	BMP Name	Primary Purpose	Erosion Processes
WM-1	Material Delivery and Storage	Proper handling and storage of materials	Other Pollutants
WM-2	Material Use	Procedures for eliminating or reducing the discharge of materials to waterways	Other Pollutants
WM-3	Stockpile Management	Procedures for eliminating or reducing pollution of storm water from stockpiles	Splash, Sheet, Rill/Gully, Stream Bank, Wind, and Snow Melt.
WM-4	Spill Prevention and Control	Prevent and control spills	Other Pollutants
WM-5	Solid Waste Management	Management of packaging, building materials, etc.	Other Pollutants
WM-6	Hazardous Waste Management	Management of paints, chemicals, fertilizer, pesticides, oil and grease, etc.	Other Pollutants
WM-7	Contaminated Soil Management	Procedures for eliminating or reducing pollution of storm water from contaminated soils	Other Pollutants
WM-8	Concrete Waste Management	Procedures for eliminating or reducing pollution of storm water from concrete wastes	Other Pollutants
WM-9	Sanitary/Septic Waste Management	Procedures for eliminating or reducing pollution of storm water from concrete wastes	Other Pollutants
WM-10	Liquid Waste Management	Reduce liquid waste pollution	Other Pollutants

* BMP functions best primarily in western region.