

## Dust Control and Soil Erosion and Sediment Control for Manufacturing and Other Commercial Operations

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This activity applies to manufacturing and other commercial operations that generate dust, sediment, and other particulate matter that may contaminate stormwater runoff if not properly controlled. Best management practices to control dust and other particulates are intended to stop dust and other particulates from being tracked or washed to the storm drainage system. If not controlled, stormwater runoff may be contaminated with suspended solids, toxic organic compounds, harmful pH, and metals.

### **MINIMUM REQUIREMENTS**

**The following BMPs, or equivalent measures, methods, or practices, are required if you are engaged in manufacturing or other commercial operations:**

-  1 Sweep paved areas as needed where dust accumulates from commercial, manufacturing, and industrial operations. Use power vacuum cleaners and sweepers as appropriate to minimize generating airborne dust and for more efficient dust removal.
-  2 Regularly clean equipment and vehicles subject to dust accumulation from operations. Never wash down equipment or vehicles to the storm drainage system.
-  3 Stabilize or cover areas of exposed or disturbed soil where necessary to prevent soil erosion. See the King County Surface Water Design Manual, Appendix D, Erosion and Sediment Control Standards, for recommended erosion and sediment control practices and standards.
-  4 Ensure employees are trained in the proper operating procedures to minimize dust from accumulating on the ground.

### **ADDITIONAL BMPs**

**The following BMPs are optional, unless the above minimum required BMPs do not provide adequate source control.**



A catch basin insert, may remove some of the pollutants in runoff from this activity. Catch basin inserts require frequent maintenance to be effective. Carefully consider this requirement when evaluating your options.



See BMP Info Sheet 10 in Chapter 5 for more information.



If appropriate, consider using dust filtration and collection systems such as bag house filters.



Contact your local sewer authority and the King County Wastewater Treatment Division Industrial Waste Section to determine if it is acceptable to wash accumulated dust to the sanitary sewer.



Consider using approved dust suppressants such as those listed in the King County Surface Water Design Manual, Appendix D, Erosion and Sediment Control Standards. See also the Department of Ecology Publication "Techniques for Dust Prevention and Suppression," #96-433. Please note that not all dust suppressants are appropriate for use near storm drainage systems or surface waters.

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For more information or assistance in implementing these best management practices, contact the King County Department of Natural Resources and Parks Water and Land Resources Division at 206-296-1900.

Reader Note: The above requirements are the minimum required BMPs. If these BMPs fail to prevent discharges to the storm drainage system, you will be asked to take additional measures to correct the continued pollution discharges.