

## **Appendix E**

### **Construction Site Runoff Management**

1. Construction Advisory: CA 2008-06, *Pollution Prevention on Construction Sites* (Pages E.1-1)



# Construction Advisory

CA 2008-06

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Construction Advisory  
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BJO:JAR

## Pollution Prevention on Construction Sites

MDOT's Storm Water Management Program for construction sites has generally focused on controlling soil erosion and sedimentation; however, there is another, equally important, aspect of this program that must be considered. Our statewide storm water permit requires that polluting materials be prevented from entering the storm water system and impacting the waters of the state or a downstream drainage system. It is the contractor's responsibility to understand and comply with applicable laws. However, it is in the best interest of MDOT and the environment to consider potential sources of storm water pollution and discuss them with the contractor at the start of the project. Once construction begins, poor housekeeping or lack of pollution prevention practices should be brought to the contractor's attention and corrected promptly as part of regular NPDES/SESC inspections.

### Dumpsters

- Use only for project related solid waste.

- Keep covered when not in use.
- Locate away from inlets and watercourses.
- Inspect weekly and repair or replace as necessary.

### Materials Storage Areas

- Provide secondary containment for liquids.
- Store a safe distance away from inlets and watercourses.
- Notify staff if materials are leaked or spilled.
- Clearly mark storage areas and restrict access.
- Restore the areas when no longer needed.

### Sanitary Waste Facilities

- Locate away from inlets and watercourses.
- Place on level grade, and prevent tipping and spillage.
- Empty regularly by a licensed hauler.

### Equipment Maintenance and Refueling

- Provide a designated and clearly labeled "Fueling Area."
- Locate downstream of inlets and watercourses.

- Use berms or sand bags to contain runoff from area.
- Properly dispose of all spilled fuel, oil, and lubricants

### Diamond Grinding Slurry

- Ensure protection of drainage structures.
- Consider overland flow that may impact surface waters.
- Protect drainage structures on down gradient cross roads.
- Refer to special provisions for specific slurry management measures.

### Concrete Washout Facilities

- Limit concrete equipment washout to designated areas.
- Locate the washout facility away from inlets or watercourses.
- Properly clean out the facility when it is no longer needed.