



BMP D03: Surface Cleaning/Pressure Washing



Pollutants of Concern:

- **Sediment**
- **Trash & Debris**
- **Metals**
- **Bacteria**
- **Oil & Grease**
- **Organics**
- **Total Residual Chlorine**
- **Dry weather flows**

Purpose:	To prevent the discharge of wash water or pollutants generated from washing activities from going into storm drains. In addition to the pollutants contained in the wash water, pollutants on the ground (e.g., oil and grease, food waste, sediment, litter/debris, and dust) can also be picked up by the wash water as it drains towards the storm water system.
Application:	This BMP applies to any exterior building surface cleaning (e.g., pressure washing) that generates wash water including but not limited to steps, plazas, patios, sidewalks, entryways, parking lots, trash storage areas, roofs, loading docks, and bleachers. This BMP also applies to cleaning equipment and material such as food racks/trays, floor mats, and rooftop equipment.
Practices:	<ol style="list-style-type: none"> 1. Clean up as much as possible using dry cleaning methods (e.g., sweeping or vacuuming) before washing. 2. Do NOT discharge any wash water or cleaning products into a storm drain. 3. Identify nearby storm drains and protect them from wash water. <ol style="list-style-type: none"> a. Use sand bags or a portable berm to block off storm drain b. Temporarily plug storm drains in vicinity using specially designed mats or by covering with a weighed down plastic liner 4. Contain and collect wash water <ol style="list-style-type: none"> a. Use a wet/dry vacuum to collect the wash water b. If very little wash water is generated, use a mop 5. Dispose of wash water appropriately <ol style="list-style-type: none"> a. Landscaped area (when wash water contains no cleaning chemicals) b. Sanitary sewer (when wash water contains cleaning chemicals) 6. Pollutants generated during washing activities (e.g., paint or metal chips, oil & grease, sediment, trash/debris, food waste) must be collected and properly disposed of to avoid potential discharge into a storm drain. 7. During cleaning activities, ensure that the measures taken to contain the water are working adequately. 8. Surface cleaning should not occur during rain events 9. Train employees on proper surface cleaning and wash water disposal procedures, and conduct “refresher” training on a regular basis.

Frequency & Maintenance:	<ol style="list-style-type: none">1. Sweep or vacuum high pollutant load areas prior to any washing activities.2. Notify EH&S of any discharges of wash water into storm drains by calling: (858) 534-3660 or emailing: ehsea@ucsd.edu.3. Sweep all asphalt covered parking lots and streets weekly with the street sweeper during the wet season. Establish frequency of parking lot sweeping during the dry season based on usage and field observations of waste accumulation.
Training:	Shops, trades, and theater staff that perform outdoor work activities that could contribute pollutants to the campus storm water system must take the “ Annual Shop & Studio Environmental Compliance & Hazards Training ” which includes storm water pollution prevention and spill prevention, control, and cleanup.
Additional Information:	UC San Diego’s Storm Water Management Program: http://stormwater.ucsd.edu