
Maryland Port Administration
Best Management Practice (BMP)

Title: Pavement Washing
Date: June 11, 2021

I. Purpose

The purpose of this Best Management Practice (BMP) is to ensure a consistent approach to the power washing of pavement on Maryland Port Administration (MPA) property.

II. Procedures

The following procedures shall be employed when power washing pavement:

1. City water may be used as a source of wash water.
 - A. City water may be obtained from an offsite source and transported onsite in contractor-owned holding tanks.
 - B. Contractor-owned holding tanks may be filled using designated metered hydrants or vessel water points located on MPA property with prior MPA Authorization.
 1. The MPA Facility Maintenance Office must be contacted at least two business days in advance of the day when use of a hydrant or water pit is needed. The MPA Facility Maintenance Office may be contacted at (410) 633-1113
 2. No contractor is authorized to connect to any water source located on MPA property without prior MPA authorization.
 3. Water use from hydrants will be metered by MPA. Costs for use of city water from an MPA source will include:
 - hourly charge for MPA assistance to access to the water source and metering for a minimum of two hours; and
 - cost of water.
2. Soaps and detergents, preferably biodegradable and phosphate-free, may be used when power washing pavement.
3. All water, soaps, and detergents must be collected. None shall be allowed to enter the waterways of Maryland, including through a Stormwater inlet.
4. A sump pump shall be used to collect wash water during washing procedures.
5. Holding tank(s) shall be used to collect wash water for transport and offsite disposal.
6. Container(s) (e.g., drum, pail) equipped with a lid(s) shall be used to collect residual

mud and dirt generated through washing activities for transport and offsite disposal.

Cleaning Procedures:

1. Containment unit shall be set up in the wash location.
2. The sump pump shall be used continuously throughout the duration of the washing to pump wash water into the holding tank.
 - A. Any wash water remaining in the containment following use of the sump pump shall be absorbed using absorbent pads and disposed of properly.
 - B. Any dirt, residue remaining in containment shall be collected and disposed of properly.
3. The contractor is responsible for transporting wash water offsite and for properly managing wash water for disposal.
4. Any solid waste generated through washing shall be collected in a container equipped with a lid and disposed of offsite.
 - A. No solid waste is permitted to be disposed of in MPA waste receptacles.
 - B. Solid wastes shall be managed and disposed of off MPA property according to hazard class (hazardous or non-hazardous).

IV. Employee Education

1. All contractors conducting washing of used heavy equipment procedures at MPA shall provide their personnel with knowledge of:
 - BMP implementation at MPA;
 - good housekeeping procedures;
 - hazards associated with the equipment and materials being used;
 - site layout and storm sewer locations; and
 - awareness of vendor's spill response procedures.
2. All incidents or emergencies should be immediately reported to MDTA Police at 410-537-7911. This information should be conveyed to employees and contractors.