

BMP G05 - Street/Parking Lot Sweeping & Cleaning



Sweeping of all paved areas exposed to precipitation or storm water will be conducted on a regular basis. Litter controls of all exposed surface will also be conducted on a regular basis. The frequency of sweeping and litter control will be based on site conditions. Solid waste receptacles shall be provided in convenient locations to help discourage littering.

Pollution Prevention Guidelines:

- Keep the parking areas clean and orderly.
- Remove trash and debris on a routine basis.
- Provide trash receptacles in parking lots to discourage litter.
- Clean out and cover litter receptacles frequently to prevent spillage.
- Routinely sweep and dispose of litter in solid waste containers.
- Establish frequency of public parking lot sweeping based on usage and field observations.
- Sweep all parking lots at least once before the onset of the rainy season (October 1st)
- Cleanup spills immediately and use dry methods if possible.
- Use dry cleaning methods (e.g. sweeping or vacuuming) to prevent the discharge of pollutants. Wet methods will only be used where adequate precautions have been taken to prevent the entry of wash water and contaminants into the stormwater conveyance system. Block the storm drain, collect the waste wash water and discharge to the sanitary sewer or discharged to a pervious surface. Prevent the waste wash water from entering the campus storm drain system.
- Have spill cleanup kits and materials readily available and in a known location.
- During parking lot and street maintenance slurry seal/coating, cover and seal nearby storm drain inlets (with waterproof material or mesh) and manholes before applying materials. Leave covers in place until job is complete and until all water from emulsified oil sealants has drained or evaporated. Clean any debris from these covered manholes and drains for proper disposal.
- Materials and equipment which may contaminate urban runoff will not be stored on parking areas unless adequate precautions have been taken to prevent their contact with precipitation, urban runoff and stormwater.

Design Guidelines:

- Allow sheet runoff to flow into vegetated, swales or appropriate filtering/infiltration BMP.
- Arrange rooftop drains to prevent drainage to discharge directly onto paved surfaces.
- Design parking lots to include semi-permeable hardscape surfaces.
- “No Littering” signs shall be posted which prohibit littering, dumping, and vehicle servicing.
- Provide an adequate number of litter receptacles.
- Prior to any improvement or expansion project, parking areas designed to meet the treatment control criteria, standards and requirements described in SWMP Section 8. Such devices shall be installed if practicable. Installed controls shall be inspected and maintained as necessary to ensure their continued proper functioning.

Inspection Guidelines:

- Conduct inspections of the parking facilities and associated stormwater conveyance systems on a regular basis.
- Regularly inspect cleaning equipment, sweepers for leaks.
- Inspect parking lots and enforce anti-litter laws.

Appendix F
BMP Fact Sheets

- Vehicles stored in parking areas for extended periods shall be periodically inspected, and leaks and spills cleaned as necessary.

Training Guidelines:

- Provide regular training to field employees and/or contractors regarding cleaning of paved areas and proper operation of equipment.
- Train staff in the proper techniques for spill containment and cleanup.