

Street and Parking Lot Maintenance SOP

[Permittee]

Description

Streets, roads, and highways are significant sources of pollutants in stormwater discharges, and operation and maintenance (O&M) practices, if not conducted properly, can contribute to the problem. Stormwater pollution from roadway and bridge maintenance should be addressed on a site-specific basis. Use of the procedures outlined below, that address street sweeping, and repair, bridge and structure maintenance, and unpaved roads will reduce pollutants in stormwater. Street and parking lot cleaning and repairs are performed by a contractor [or Permittee].

Approach

Street Sweeping and Cleaning

- We maintain a consistent sweeping schedule – **monthly for streets and parking lots**.
- Our **Public Works** staff performs street cleaning during dry weather if possible.
- We consider increasing sweeping frequency based on factors such as traffic volume, land use, field observations of sediment and trash accumulation, proximity to water courses, etc. For example:
 - High pollutant loadings areas
 - Areas identified by staff with sediment accumulation
 - High litter or erosion areas
- Accurate logs are kept of the number of curb-miles swept and the amount of waste collected.
- Street sweeping debris and dirt are disposed of at XXX.

Street Repair and Maintenance

Concrete and Asphalt Installation and Repair

- We schedule asphalt and concrete activities for dry weather.
- We take measures to protect any nearby storm drain inlets and adjacent watercourses, prior to breaking up asphalt or concrete (e.g. place sand bags around inlets or work areas).

Objectives

- Cover
- Contain
- Educate
- Reduce/Minimize
- Product Substitution

Targeted Constituents

Sediment	✓
Nutrients	
Trash	✓
Metals	✓
Bacteria	
Oil and Grease	✓
Organics	✓
Oxygen Demanding	✓

- We do not wash sweepings from exposed aggregate concrete into the street or storm drain.
- Concrete trucks are washed in designated areas on site designed to preclude discharge of wash water to drainage system.

Patching, resurfacing, and surface sealing

- We schedule patching, resurfacing and surface sealing for dry weather.
- Materials are stockpiled away from streets, gutter areas, storm drain inlets or watercourses.
- Where applicable, nearby storm drain inlets are covered (with waterproof material or mesh) before applying seal coat, slurry seal, etc. We leave covers in place until the job is complete and until all water from emulsified oil sealants has drained or evaporated. Debris from covered maintenance holes and storm drain inlets is cleaned when the job is complete.
- Streets are swept, never hosed down to clean up tracked dirt.

Training

- We provide contract language for prospective bidders regarding proper street sweeping operation and street repair and maintenance.
- We instruct employees and subcontractors to ensure that measures to reduce the stormwater impacts of roadway/bridge maintenance are being followed.
- We maintain a training log for all field employees.
- We train employees on proper spill containment and clean up, and in identifying non-stormwater discharges.

Spill Response and Prevention

- The Storm Water Pollution Prevention-Pollution Incident Prevention Plan is kept up to date.
- Spill kits are readily accessible for spill cleanup.