

TRUCK BED MANAGEMENT SCM-PP/GH-4



Description

Truck bed management, including washing, can introduce sediment, hydrocarbons, debris, waste materials, trash and nutrients to stormwater runoff. Application of control measures can help minimize the potential introduction of pollutants into the stormwater system and local waterways.

NYC MS4 SPDES Permit Requirement(s)	IV.E Construction Site Controls IV.G Pollution Prevention/Good Housekeeping for Municipal Operations and Facilities IV.H Industrial/Commercial Sources
KEY SELECTION CRITERIA	
Targeted Activities	<ul style="list-style-type: none"> • Truck bed washing • Disposal of wash water
Performance Goals	<ul style="list-style-type: none"> • Minimize pollutants entering storm sewers and waterways • Implement good housekeeping practices
Most Effective Controls <small>(more detail on page 2)</small>	<ul style="list-style-type: none"> • Store and wash truck beds indoors • Minimize accumulation of waste in truck beds • Use containment pad/berms to capture wash waters for proper disposal
RELATED CONTROL MEASURES AND REGULATIONS	
Related SCMs	• SCM-PP/GH-2
Other Regulatory Requirements*	• 15 RCNY Chapter 19, Sections 19-01 to 19-04

EFFECTIVENESS FOR TARGETED POLLUTANTS / IMPAIRMENTS	
✓	Floatables
✓✓	Sediments
✓	Nitrogen
✓	Phosphorus
	Pathogens
✓	Oxygen Demand
	PCBs
	Metals
✓	Petroleum Products/PAHs
✓✓ = Good ✓ = Fair = Poor	

CONTROL STRATEGIES	
✓	Cover/Contain
✓	Clean Up
✓	Reduce/Minimize
	Product Substitutions
✓	Manage Runoff
✓	Capture/Treat/Dispose
✓ = Yes	

*Note: RCNY: Rules of the City of New York; NYCRR: New York Codes, Rules and Regulations; CFR: Code of Federal Regulations

Control Strategies/Suggested Practices

COVER/CONTAIN

- Store trucks indoors or under cover when not in use.
- Use dedicated locations for cleaning when possible.
- Whenever possible, wash truck beds indoors where drains discharge to the sanitary sewer system.[†]
- If washing outdoors, use a containment pad or berms around the cleaning area to capture wash waters for disposal.

CLEAN UP

- Use dry cleaning methods (sweeping) to remove debris from truck bed and dispose of properly.

REDUCE/MINIMIZE

- Empty beds of material and sweep at job site before returning to the yard.
- Sweep or vacuum truck bed to clean. Use water only when necessary.
- Use minimal amounts of soap or detergent, and dry cleaning methods where possible.

PRODUCT SUBSTITUTION

N/A

MANAGE RUNOFF

- Use hoses with automatic shutoff devices and spray nozzles.

CAPTURE/TREAT/DISPOSE

- Label drains to deter improper disposal of wash/rinse water.
- Capture and discharge truck bed wash water to the sanitary sewer, a holding tank, process treatment system or an enclosed recycling system based on its composition.[†]

[†] Facility needs to ensure that all discharges to the sewer system comply with DEP regulations, as well as applicable DOB regulations.

References

1. USEPA, *Potential Pollutants Likely Associated with Specific Municipal Facilities and Activities*, November 2015
2. Western New York Stormwater Coalition, Erie County Department of Environment and Planning Division of Environmental Compliance Services, *Pollution Prevention/Good Housekeeping for Municipal Operations: A Guidance Document of Best Management Practices and Inspection Checklist*, April 2006
3. California Stormwater Quality Association, *Best Management Practice Handbook - Municipal*, January 2003
4. USEPA/Center for Watershed Protection, *Pollution Source Control Practices, Manual 8, Version 2.0*, February 2005
5. USEPA, *Pollution Prevention/Good Housekeeping for Municipal Operations, National Menu of Best Management Practices, 2001*