

Vehicle/Equipment Operations



Issue Date: August 2018

VEHICLE/EQUIPMENT STORAGE SCM-PP/GH-5



Description

Vehicle and equipment storage, parking and staging areas (for example, fleet parking and long term equipment storage areas) can introduce sediment, metals, hydrocarbons, and trash to stormwater runoff. Implementation of appropriate control measures can help minimize the introduction of these pollutants to impaired waterways.

NYC MS4 SPDES Permit Requirement(s)	IV.E. Construction Site Controls IV.G. Pollution Prevention/Good Housekeeping for Municipal Operations and Facilities IV.E. Industrial/Commercial Sources
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KEY SELECTION CRITERIA

Targeted Activities	<ul style="list-style-type: none"> Vehicle and equipment storage, parking, and staging (short- and long-term)
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 under cover Regularly check for leaks Promptly respond to spills

RELATED CONTROL MEASURES AND REGULATIONS

Related SCMs	<ul style="list-style-type: none"> SCM-PP/GH-6 SCM-PP/GH-19
Other Regulatory Requirements*	<ul style="list-style-type: none"> 1 RCNY Chapter 30 Section 30-02 40 CFR 112

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 vehicles/equipment prone to fluid leaks/spills (such as gasoline, hydraulic fluid, etc.) under cover (e.g. roof, shed, secure plastic tarp).
- Drain fluids from leaking long-term inactive or damaged vehicles/equipment.
- If fluids cannot be drained, use drip pans or other containment measures for idle equipment.

CLEAN UP

- Clean spills, leaks, and drips promptly using an absorbent material or other appropriate dry cleaning method that can be swept and properly disposed.

REDUCE/MINIMIZE

- Regularly inspect vehicles/equipment for leaks and repair or contain issues immediately.

PRODUCT SUBSTITUTION

- N/A

MANAGE RUNOFF

- N/A

CAPTURE/TREAT/DISPOSE

- N/A

References

1. USEPA *Potential Pollutants Likely Associated with Specific Municipal Facilities and Activities*, November 2011
2. USEPA, *Pollution Prevention/Good Housekeeping for Municipal Operations, National Menu of Best Management Practices*, 2001
3. California Stormwater Quality Association, *Best Management Practice Handbook – Municipal*, January 2003
4. 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 Checklists*, April 2006
5. Center for Watershed Protection, USEPA, *Urban Subwatershed Restoration Manual 8: Pollution Source Control Practices, Version 2.0*, February 2005

Listed regulatory requirements are not inclusive of all legal requirements applicable to NYC facilities.

Local, state, and/or federal regulations should be consulted to ensure full regulatory compliance.