

Waste Management



Issue Date: August 2018

WASTE MANAGEMENT AND DISPOSAL

SCM-PP/GH-26



Description

Poor waste management and improper waste disposal practices can result in discharge of pollutants to the storm sewers and waterways. Consistent implementation of storm water control strategies that are applicable to the operation of concern can reduce the likelihood of discharges to impaired waters. In all instances, it is necessary to follow all applicable local, state and federal waste storage and disposal regulations and hazardous and non-hazardous materials.

NYC MS4 SPDES Permit Requirement(s)

IV.A Public Outreach/Education
IV.E Construction Site Controls
IV.G PP/GH for Municipal Operations
IV.H Industrial / Commercial Sources
IV.I Trash and Debris Control

KEY SELECTION CRITERIA

Targeted Activities	<ul style="list-style-type: none"> Waste generation Waste management Waste disposal
Performance Goals	<ul style="list-style-type: none"> Contain wastes and minimize exposure to stormwater Consistent implementation of good housekeeping practices
Most Effective Controls <small>(more detail on page 2)</small>	<ul style="list-style-type: none"> Minimize waste generation Segregate and reuse or recycle wastes where feasible Provide cover/containment for temporary waste stockpiles

RELATED CONTROL MEASURES AND REGULATIONS

Related SCMs	<ul style="list-style-type: none"> SCM-PP/GH-1 through -25 SCM-PP/GH-27 through -38
Other Regulatory Requirements*	<ul style="list-style-type: none"> 6 NYCRR Part 360, Part 370-374 40 CFR 243, 256.5, 257.3-3, 258.27, 261 and 264 NYC Administrative Code, Title 16, Chapter 1

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

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.

Control Strategies/Suggested Practices

COVER/CONTAIN

- Store waste materials indoors or under cover prior to disposal.
- Cover dumpsters & other waste containers.
- Store waste chemicals and liquids in tightly sealed containers prior to disposal.
- Check waste containers and dumpsters frequently for leaks or spills.

CLEAN UP

- Keep work areas clean by sweeping/collecting/consolidating waste materials frequently.
- Respond immediately to spills.
- Use dry sorbent materials during spill response where practicable to reduce generation of liquid waste.
- Use dry cleaning methods such as sweeping, when feasible, to clean work areas.
- Clean work areas of waste materials prior to anticipated wet weather events.

REDUCE/MINIMIZE

- Minimize generation of waste materials through careful planning.
- Use the minimum amount of materials needed to complete the operation or activity.
- Use dry cleaning methods such as sweeping and vacuuming, when feasible, to clean roll-offs/dumpsters.
- Segregate and reuse or recycle waste materials where feasible.

PRODUCT SUBSTITUTION

- Use alternative products that generate less waste.
- Select/purchase materials that have minimal packaging.

MANAGE RUNOFF

- Divert storm water runoff from waste collection and management areas using practices such as physical barriers or piping.
- Locate waste collection, storage & management areas away from storm drains, inlets & waterways.

CAPTURE/TREAT/DISPOSE

- Where water is necessary for use, collect & treat water used to clean work areas where possible.
- Test collected water generated during cleaning to ensure that the appropriate disposal practice is followed.
- Dispose of treated waste materials following applicable regulations and guidance.

References

1. *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.*
2. *Center for Watershed Protection, Urban Subwatershed Restoration Manual Series No. 8: Pollution Source Control Practices, v.2, February 2005.*
3. *Center for Watershed Protection, Urban Subwatershed Restoration Manual Series No. 9: Municipal Pollution Prevention/Good Housekeeping Practices, September 2008*