



Clean trucks in an approved location.

DO

- ✓ Work in locations designated by the facility supervisor. (**See Section 8.7**)
- ✓ Clean trucks indoors only after obtaining the Supervisor's approval.
- ✓ Use shovels or other hand tools to scrape salt from the truck bed.
- ✓ Return loosened salt to the covered salt storage area for reuse.
- ✓ Use water to clean remaining salt from the vehicle and spreader.
- ✓ When washing trucks indoors, keep overspray off of the walls and doors of the maintenance building. Salt corrodes the metal parts.
- ✓ Keep water from running into storage stock piles or storage buildings.
- ✓ Inspect equipment during cleaning operation and maintain as needed.

DON'T

- ✗ Don't let overspray collect on overhead doors and walls when cleaning vehicles indoors.
- ✗ Don't wash equipment in areas not designated for this activity.

Materials & Waste Management

- ▲ Return loosened salt to the covered salt storage area for reuse.

Facility Checklist

- ☐ Ensure that trucks are being washed in the location specified by the Facility Supervisor.
- ☐ Ensure loose salt is returned to the covered salt storage area.
- ☐ Check all storage locations and ensure all salt is under cover and cleaned up.
- ☐ Check truck washing and salt staging areas for white salt deposits; adjust operations to avoid salt build-up.
- ☐ Check brine tanks, product valves closed, containment drains are capped or closed.
- ☐ Ensure that salt stored on pads is covered with tarps that are secured to keep them in place under windy conditions.

Tips and Tricks

- ! Tarps can be held in place using tires with ropes affixed to keep them spaced evenly over the stock piles.
- ! UK Environmental Management can assist with selecting an acceptable work area.
- ! UK Environmental Mgmt. 859-323-6280

If...Then

- If the pressure washer or steam cleaner is used, see **Section 8.8**.
- If salt builds up on the pavement or the ground, correct drainage and/or improve housekeeping to prevent salt accumulation.

Training: 1 per Year

Season: Winter

Relevant Environmental Programs

- Air Quality
- 401/404/WQC
- KPDES
- MS4

- GWPP
- Waste
- Pesticides
- SPCC



INFORMATION SOURCES

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Hyman, William A. and Donald Vary. *Best Management Practices for Environmental Issues Related to Highway and Street Maintenance: A Synthesis of Highway Practice*. National Cooperative Highway Research Program Synthesis #272. 1999. National Academy Press. Washington, D.C.

Kentucky Transportation Cabinet. *Environmental Awareness: A Road Master Training Course*. Undated. (Unit 4, KPDES Permit, Unit 5 pg 15)

Kentucky Transportation Cabinet and Kentucky Transportation Center. 2005. *Environmental Handbook for Management of Highways and Transportation Facilities*. (Fact Sheet 2.4.6)

New York State Department of Transportation. *Environmental Handbook for Transportation Operations A Summary of the Environmental Requirements and Best Practices for Maintaining and Constructing Highways and Transportation Systems*. Environmental Analysis Bureau. April, 2006. 33-35, 42.

Salt Institute. *The Snowfighter's Handbook: A Practical Guide for Snow and Ice Control*. 1999. Alexandria, Virginia. SI-1999-R.

City of Bowling Green. 2006. *Environmental Handbook for City of Bowling Green Facilities Management*. (Fact Sheet 7.5)

Photo from: Indiana Dept. of Transportation. 2004. *Innovative Environmental Management of Winter Salt Runoff Problems at INDOT Yards*

NOTES

- 1) UK Environmental Management is located at 355 Cooper Drive, Lexington, KY 40506-0490, 859-323-6280, ehs.uky.edu/env.