



Petroleum spills can contaminate surface water and ground water and can cause violations of the KPDES permit.

DO

- ✓ Safely **stop the release** if possible by closing valves and/or turning power off.
- ✓ Notify the facility superintendent of all spills at the facility.
- ✓ Notify UK Environmental Management if the spill is 25 gallons or more of a petroleum product within a 24-hour period or 75 gallons or more of diesel fuel in a 24-hour period or any amount that creates a visible sheen on surface waters.
- ✓ **Clean up** the spilled material.
- ✓ Use an environmental consultant to oversee clean up of spills involving removal of soil.
- ✓ Return any useable product to the container or store in drums for later use.
- ✓ Use sorbent materials to clean up spill residues with the secondary containment area.
- ✓ Excavate all visibly contaminated soil.
- ✓ Store sorbent materials and excavated soil in drums or covered stockpiles, and perform tests as needed to secure approval for disposal.

DON'T

- ✗ Don't risk injury to yourself or co-workers.
- ✗ Don't panic, respond calmly and quickly.
- ✗ Don't stop the release if it is hazardous to do so.

Materials & Waste Management

- ▲ If the material is confirmed non-hazardous, wastes may be accepted by the Solid Waste Landfill.
- ▲ Material sent to a landfill must not drip.
- ▲ Follow the landfill's procedures and contact them if there are questions.
- ▲ If wastes are hazardous or not accepted by the landfill, contact UK Environmental Management for management of the waste.

Facility Checklist

- ☐ Check spill kits **MONTHLY** and promptly restock after use.
- ☐ Check spill response and cleanup procedures **ANNUALLY**.
- ☐ Ensure that all employees that handle petroleum product transfers are adequately trained.

Tips and Tricks

- ! Clean up of visibly contaminated soil is required even if there are no notification requirements.
- ! Notification requirements apply to all petroleum products, including asphalt.
- ! Tests for disposal usually include BTEX and free liquids
- ! Contact UK Environmental Management for list of needed spill kit contents. UK Environmental Mgmt. 859-323-6280
- ! KY Environmental Response Team 800-928-2380 or 502-564-2380

If...Then

- If the spill can't be safely and effectively handled by facility personnel, the facility superintendent will promptly **call 911 or 859-257-UKPD (8573) and UK Environmental Management at 859-323-6280.**
- If the spill reaches a waterbody or storm drain, immediately notify UK Environmental Management. EMD will call the KY Environmental Response Team if required.

Training: 1 per Year

Season: Winter

Relevant Environmental Programs

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

- GWPP
- Waste
- Pesticides
- SPCC



INFORMATION SOURCES

- Kentucky Transportation Cabinet. *Environmental Awareness: A Road Master Training Course*. Undated.
- Kentucky Transportation Cabinet. *Spill Prevention Control and Countermeasures Plan Template*. February, 2003. Frankfort, Kentucky. (p35)
- Kentucky Transportation Cabinet and Kentucky Transportation Center. 2005. *Environmental Handbook for Management of Highways and Transportation Facilities*. (Fact Sheet 5.2)
- 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. 42.
- United States Environmental Protection Agency. *List of Lists: Consolidated List of Chemicals Subject to the Emergency Planning and Community Right-To-Know Act (EPCRA) and Section 112(r) of the Clean Air Act*. October, 2001. Office of Solid Waste and Emergency Response. Washington, D.C. EPA 550-B-01-003.
- City of Bowling Green. 2006. *Environmental Handbook for City of Bowling Green Facilities Management*. (Fact Sheet 10.2)

NOTES

- 1) UK Environmental Management is located at 355 Cooper Drive, Lexington, KY 40506-0490, 859-323-6280, ehs.uky.edu/env.
- 2) KY Environmental Response Team 800-928-2380 or 502-564-2380