



*Don't pump pit fluids into storm drains without testing the water quality of the discharge.*

### DO

- ✓ Use pit drains to dispose of ground water and Stormwater seepage only.
- ✓ Pit Drains should have valves to close them in the event of a spill.
- ✓ Remove accumulated debris from the pit to prevent it from entering the drain.
- ✓ Clean the drain as needed to remove accumulated debris.
- ✓ Promptly repair leaks to the drain sump.
- ✓ Determine if a drain is necessary. If not, fill the drain with a plumber's plug or concrete.
- ✓ Chiller water should be captured and returned to the system or disposed of into the sanitary sewer.
- ✓ Consider pit drain conversion to sanitary sewer, if feasible.

### DON'T

- ✗ Don't use the drain like a trash can.
- ✗ Don't allow spilled chemicals to get to the drain.
- ✗ Don't pump pit fluids into storm drains without testing the water quality of the discharge.
- ✗ Steam condensate shall not be discharged into the storm sewer system.

## Materials & Waste Management

- ▲ Air dried sludge from pit may be disposed in a dumpster.
- ▲ Hazardous sludge from a spill must be managed by a hazardous waste vendor. Contact UK Environmental Management for assistance.
- ▲ If the facility is connected to a sanitary sewer, the water (not the hazard waste or sludge) from the pit may be discharged to the sanitary sewer system.
- ▲ An industrial cleaning service should be used to clean pits, drains and sumps when necessary.

## Facility Checklist

- Check the drain trap **ANNUALLY** for debris accumulation and leaks.
- Check the pit **ANNUALLY** for solids accumulation on the bottom and floating material on the surface.

## Tips and Tricks

! UK Environmental Mgmt. 859-323-6280

## If...Then

- If fluid from dewatering of the pit is contaminated with solvents or due to a spill, conduct a hazardous waste determination.
- If solvents or chemical wastes are spilled, contain the spill and clean up using a spill kit. (See **Fact Sheet 10.1**) or Environmental Contractor. UK Environmental Management can offer assistance.

**Training:** 1 per Year

**Season:** Spring

### Relevant Environmental Programs

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

- GWPP
- Waste
- Pesticides
- SPCC



## INFORMATION SOURCES

Kentucky Department for Environmental Protection. *Preventing Ground Water Pollution: Oil/Water Separators*. Undated. Division of Water, Ground Water Branch. Frankfort, Kentucky.

Kentucky Transportation Cabinet. *Environmental Awareness: A Road Master Training Course*. Undated. (Unit 5 Groundwater p 11)

Kentucky Transportation Cabinet and Kentucky Transportation Center. 2005. *Environmental Handbook for Management of Highways and Transportation Facilities*. (Fact Sheet 3.2)

Ohio Department of Transportation. *Section 800 Hazardous Waste Management Manual*. Office of Environmental Services. Columbus, Ohio. April, 2004. (ODOT 814.15.14 FLOOR DRAIN SLUDGE; ODOT 814.15.21 OIL AND WATER SEPARATORS)

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*. NYSDOT Environmental Analysis Bureau. April, 2006. 37.

City of Bowling Green. 2006. *Environmental Handbook for City of Bowling Green Facilities Management*. (Fact Sheet 8.1)

Photo from [http://www.fibrelite.com/cs\\_us-ne-university.aspx](http://www.fibrelite.com/cs_us-ne-university.aspx)

## NOTES

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