Leaking above ground storage tanks can contaminate nearby surface water and ground water. The University's MS4 Permit only allows clean water discharges into the stormwater system and requires that the University implement Best Management Practices to prevent the discharge of pollutants from campus. Proper above ground storage tank operation and management reduces the potential for pollutants to enter the stormwater system.

DO

- ✓ Locate tanks on an asphalt or concrete base or on impermeable soil and provide secondary containment.
- ✓ Keep product transfer valves closed when not in use.
- ✓ Check the condition of the tank for damage, spills, leaks, or other issues each time the tank is used.
- ✓ Promptly report concerns to the Superintendent.
- ✓ Transfer fuel and oil from ASTs to small containers over a spill pallet.
- ✓ Have a trained employee present during all filling operations.
- ✓ Ensure that all connections are tight before filling or pump out operations begin.
- ✓ Store smaller containers indoors in locked cabinets and/or on spill pallets.
- ✓ Provide secondary containment for tanks that is at least 110 percent of tank capacity.
- ✓ Remove collected oil before release of rainwater from containment areas.
- ✓ Release rainwater or snowmelt before the depth inside the containment unit reaches one foot.
- ✓ Refer to the Activity Information Sheets for *Used Oil and Oil Filters* for additional recommendations.



Required Training: 1 per year

Relevant UK Departments:

- Environmental Quality Management
- Facilities Management
- Grounds
- Utilities and Energy Management
- College of Agriculture

DON'T

- ✗ Don't accept deliveries or continue to use tanks that are known or suspected to be leaking.
- ✗ Don't add to storage tanks that are full.
- ✗ Don't allow release of oil or other contaminants.

ADDITIONAL RECOMMENDATIONS/INFORMATION

- ➲ Above Ground Storage Tanks include: oil, used oil, hydraulic fluid, transmission fluid, and antifreeze.
- ➲ A container is any tank or drum and includes stationary and mobile (fuel or hydraulic) tanks.
- ➲ Contain and clean up spills and leaks immediately. Spilled material that are wastes or are suitable for use can be returned to the tank or similar container. Refer to the Activity Information Sheets for *Hazardous, Non-Hazardous, and Petroleum Spills*.)

ACTIVITY CHECKLIST

- ☐ Check tank filling and containment draining DAILY or during activity.
- ☐ Check (visually) the secondary containment and tank area MONTHLY and report leaks, spills, and maintenance issues to the Superintendent immediately.
- ☐ Check valves, automatic shut-off valves and pipes MONTHLY and before materials transfer.
- ☐ Check corrosion resistant tanks and pipes at the manufacturer's recommended schedule.
- ☐ Check spill kit MONTHLY and promptly restock after use. See Activity Information Sheets for Hazardous, Non-Hazardous, and Petroleum Spills.