

BOWDOIN COLLEGE WASTE OIL MANAGEMENT PROGRAM

These guidelines summarize the requirements of Maine Department of Environmental Protection (DEP) Regulations Chapter 860 (*Waste Oil Management Rules*) regarding the generation, storage, and disposal of waste oil, as they apply to the operations of Bowdoin College.

1. **Identification of Waste Oils.** Waste oils include the following:
 - Automotive crankcase and lubricating oils;
 - Industrial lubrication and metal working (cutting) oils; and
 - Non-lube oils including hydraulic, transmission, generator, compressor, quenching, and non-PCB transformer oils.

2. **Hazard Determination.** Waste oils are classified as Specification, Off-Specification, and Hazardous based on chemical analysis, specifically for flashpoint, metals, PCBs, and total halogens. For the purpose of these guidelines:
 - Automotive and other lubricating oils will be considered Spec or Off-Spec, and may be burned as fuel by the heating plant. This includes crankcase and lube oils from the garage, and gear oils from the machine shops in Rhodes Hall and the Searles Science Building.
 - All non-lube oils are to be classified as hazardous wastes, and collected for off-site disposal. This includes: hydraulic oils from elevators, lifts, and similar equipment; transmission fluids from the garage; compressor oils from the ice arena, heating plant, shops, etc.; vacuum oils from equipment; spent oil canisters from generators; machine cutting fluids; and transformer buffering oils.

3. **Handling, Storage, and Disposal.** All waste oils generated from maintenance activities outside the Motor Pool will be properly containerized, marked "USED OIL" (with labels provided by the EHS Manager), and delivered to the designated area in the Motor Pool. The commercial name, designation, and/or CAS number should be included on the label - either from the original container, equipment placard, or MSDS sheet - to avoid the need for contractor testing prior to disposal. If the oil is in its original container, it may just be marked "SPENT" and delivered as such, so long as the manufacturer's information is visible. All waste oils will be stored in appropriate containers, with secondary spill containment, and the storage area will be clearly marked. Automotive and similar oils will be consolidated and drummed for transfer to the heating plant by the Lead Mechanic. Automotive filters may be crushed to recover the oil, and the casing disposed off-site as scrap metal through a licensed dealer. Hazardous oils will be segregated for off-site disposal by a licensed contractor.

4. **Information and Training.** Employees of the College involved in the generation, storage, handling, and disposal of waste oils will be informed of these guidelines on an as-needed basis by their supervisor.

The EHS Manager and the Director of Facility Operations will review the status of the waste oil management program, and inspect the storage area in the Motor Pool, at least annually and make revisions as necessary.

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WASTE OIL STORAGE AREA

**CONTAINERS MUST BE PROPERLY LABELED
AND STORED ON THE SPILL CONTROL PADS**

CONTACT EHS (x3763) TO REPORT A SPILL