

## **Basis of Design**

The purpose of this section is to provide the guidelines for the development of specifications for hazardous waste identification, accumulation and disposal.

### **Overview**

Hazardous waste must be handled, accumulated and disposed of in accordance with University, state and federal requirements. Failure to follow these procedures can result in civil penalties, costly cleanups and increased long-term liability for the University. The EH&S Environmental Programs Office (EPO) provides waste determination and coordinates disposal services for the UW. For assistance with waste management please call EPO at 206.616.0595.

### **Common hazardous wastes in projects**

Examples of hazardous waste commonly generated during construction or renovation projects include: contaminated soils and water, cleaning solutions, PCB containing transformers and electrical equipment, light ballasts, fluorescent lighting tubes, lead-containing debris, mercury in plumbing traps and switches, CFCs from refrigeration/air conditioning equipment, asbestos.

EPO makes the determination of whether or not a waste is Hazardous Waste on behalf of the University. Plan to send analytical data for contaminated soil and water to EPO as soon as possible.

### **Costs**

Estimate as accurately as possible the type and quantity of wastes to be generated by a project early in the planning stages. Procedures and costs associated with waste management (e.g., sampling, analytical testing, transportation, disposal) must be anticipated, budgeted and identified in contract documents. This practice is especially critical when a project is located on a known or suspected contaminated property.

### **Waste accumulation**

Hazardous Waste must be in closed containers, labeled with identity of contents and project point of contact, and stored in a safe, secure location. Waste may need to be sampled, and it may take several weeks to receive the data and arrange disposal, so plan for temporary storage of large volumes of hazardous waste if appropriate. Contact EPO at 206.616.0595 or email [chmwaste@u.washington.edu](mailto:chmwaste@u.washington.edu) for more information and to request containers.

### **Disposal**

EPO picks up and manages disposal of hazardous waste. On-site collection of hazardous waste associated with large-scale projects will be arranged by EPO through the WA State Hazardous Waste Service Contract vendor. The transportation and disposal cost will be recharged to the project.

Hazardous waste may only be disposed at [University-approved facilities](#).

Hazardous waste cannot be transported off University property without a Uniform Hazardous Waste Manifest signed by an EPO representative. Forty-eight (48) hours advance notice is required prior to shipment.