



Lawrence Berkeley
National Laboratory

Berkeley Lab Training Program

EHS 0626 Waste Sampling Training

Course Syllabus

Subject Category: Waste Management
Course Length: 1-2 hours
Delivery Mode: Classroom
Schedule: Contact Waste Management

Course Prerequisite: No
Medical Approval: No
Refresher: Annual

Course Purpose: This course is to ensure that Hazardous Waste Management (HWM) personnel at Lawrence Berkeley National Laboratory, whose job responsibilities include the ability to properly and safely perform or support hazardous waste sampling, are able to perform sampling properly in facilities and in the field, consistently. This reduces risks to the health and safety of personnel and the environment. This training applies to all samples collected for characterization and verification of RCRA hazardous, California-only hazardous, and non-hazardous waste or radioactive waste.

Background: The California's code of regulations states that before the owner treats, stores, or disposes of any waste "the owner or operator shall obtain a detailed chemical and physical analysis of a representative sample of their waste" and requires training for job functions that include such waste collection and sampling responsibilities

Performance Objectives:

The objective of this training is to maintain a high standard of performance at LBNL and to satisfy the applicable regulatory requirements. After completing this training, participants will be able to:

- Ensure sampling is performed properly
- Understand the regulatory and permit requirements for sampling and drivers for the Waste Analysis Plan
- Perform sampling in a manner that will ensure the integrity of derived data
- Be knowledgeable on the sampling practices required for various media
- Properly perform sample collection techniques and equipment use
- Ensure consistency in the sampling process
- Correctly package, mark and label collected samples
- Reduce contamination risks during the sampling process while ensuring worker safety
- Explain the importance of planning and controls prior to sampling
- Explain the role of the Chain of Custody and importance of record keeping

Delivery Method: Classroom

Instructors: EHS Waste Services Team Leader **Compliance Requirements:** CCR Title 22, Division 4.5, Chapter 14, Article 2 § 66264.13. General Waste Analysis; 40 CFR 264

Retraining/Recertification: Annual

WEB Resource: For additional information on EH&S Training Courses and Waste Management Services see

<http://www.lbl.gov/ehs/training/index.shtml>