

## SOLID WASTE MANAGEMENT

### INTRODUCTION

It is essential that Fermilab manage its solid waste responsibly. This chapter describes how Fermilab will manage its solid waste in compliance with applicable regulation in a manner that protects human health and the environment. Fermilab has established recycling programs to collect a variety of waste material including paper, cardboard, plastic, glass, metal containers, scrap metal, electronic components, laser printer cartridges, batteries, fluorescent lamps, non-PCB ballasts, oil and construction debris. On site waste dumpsters are only to be used to discard non-regulated materials generated at Fermilab. All waste leaving site is screened for radiation.

### DEFINITION

Solid waste for purposes of this subchapter is defined as non-regulated waste. It includes scrap metal and office materials for recycling and general refuse disposed of in an offsite landfill.

### SPECIAL RESPONSIBILITIES

1. **The Facilities Engineering Services Section (FESS)** is responsible for maintaining the refuse removal contract and the supervision of subcontractor custodial staff that collects waste and recyclable materials from various offices and shops throughout the Laboratory.
2. **The Division/Section/Center (D/S/C) Head** has the responsibility to insure that no unauthorized wastes (i.e., regulated) from operations under their control are placed in dumpsters. A dumpster check program is administered by the Environmental Protection (EP) Group of the ES&H Section to verify that no such violations occur. EP personnel accompany the contracted waste removal vehicle during the emptying or pickup of dumpsters. The contents of all refuse dumpsters are surveyed for radioactivity and screened for hazardous, liquid and other unauthorized wastes before being emptied into the contractor's vehicle. If radioactive, hazardous or other unauthorized waste is found in a dumpster, a sign is placed on or near the dumpster stating "DO NOT EMPTY, DO NOT ADD GARBAGE, CALL ES&H x-3741". The responsible division or section shall

then be notified to remove the unauthorized waste from the dumpster. The sign will remain on the dumpster until the unauthorized material is removed, upon which time it can be emptied. **D/S/Cs will implement sound waste minimization practices and maximize recycling opportunities whenever practical.**

3. **Division/Section/Center** construction coordinators or task managers are responsible for monitoring the disposition of non-regulated waste generated by subcontractor personnel during onsite construction and demolition projects.