

University of Delaware
Environmental Health and Safety Protocol

Section: Laboratory Safety

Protocol Name: Chemical and Biological Waste Management

Origination Date: November 1978

Revisions: June 1989, May 1996, March 2015

Protocol Number: L-05

I. SCOPE OF PROTOCOL

To ensure the disposal of waste is conducted in compliance with applicable federal and state regulations. This policy applies to all university departments, facilities, faculty, staff, students and contractors.

II. DEFINITIONS

A. Laboratory Waste

1. Liquid or solid waste generated as the result of research or teaching operations.

B. Biomedical Waste

1. Waste that is putrescible or potentially infectious.

III. PROTOCOL STATEMENT

A. All chemical waste will be disposed of in accordance with the Resource Conservation and Recovery Act and Delaware Regulations Governing Hazardous Waste.

1. Chemical waste must not be disposed of through sanitary waste water systems.
2. Chemical waste must not be disposed of through the storm water system.

B. All biological waste will be disposed of in accordance with Section 11 of the Delaware Regulations Governing Solid Waste.

IV. PROTOCOL STANDARDS AND PROCEDURES

A. No person shall dispose of a hazardous material except with the approval and in accordance with procedures established by the Department of Environmental Health and Safety.

B. Hazardous materials and hazardous wastes shall be properly identified and stored. Departments shall be responsible for the identification of unknown waste.

C. Departments shall purchase and use hazardous materials in quantities that minimize waste generation but are consistent with operational needs.

D. In general, academic departments will not be billed for chemical or biological waste disposal. However, departments may be billed for the disposal of unknowns and other unusual waste (i.e., PCBs, furans, dioxins, explosives, etc.) or wastes generated as the result of a FP&C project.

E. Departments and Facilities must provide training in proper disposal to all generators of hazardous waste at least annually. Contact the Department of Environmental Health and Safety for assistance in providing this training.

For more information regarding this policy, contact the Department of Environmental Health and Safety 302-831-8475.