A large biohazard symbol is centered on a red background with a fine, repeating pattern. The symbol is black and consists of three curved, teardrop-like shapes arranged in a circular pattern. Overlaid on the symbol is the text 'GWYNEDD MERCY UNIVERSITY' in a white, bold, serif font, and below it, 'Biohazard Waste Management Plan' in a white, bold, sans-serif font.

**GWYNEDD MERCY
UNIVERSITY**

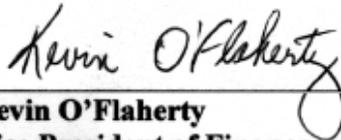
**Biohazard Waste
Management Plan**

Developed in 2006 in accordance
with 29 CFR 1910.1030 & Title 25 Pa. Code 284
H. A. Oliver-Kozup

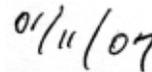
GWYNEDD MERCY UNIVERSITY

Biohazard Waste Management Plan

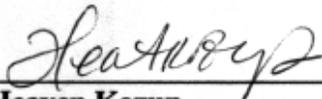
This plan meets the federal and state requirements set forth by the OSHA Regulatory Standard 29 CFR 1910.1030 and the Pennsylvania Department of Environmental Protection Code Title 25 Chapter 284, subchapters A-H, in the implementation of a biohazard waste policy. This plan has been approved by the undersigned individuals representing Gwynedd Mercy University responsible for its application.



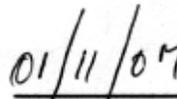
Kevin O'Flaherty
Vice President of Finance and Administration



Date



Heaven Kozup
Environmental Safety Manager



Date

GWYNEDD MERCY UNIVERSITY
Biohazard Waste Management Plan

This document sets forth and incorporates federal and state operating requirements found in 29 CFR 1910.1030 of the OSHA General Industry Standard for Bloodborne Pathogens and Title 25, Chapter 284, Infectious and Chemotherapeutic Waste of the Pennsylvania Code of Municipal Waste for the development and implementation of a biohazard waste policy for Gwynedd Mercy University. This Biohazard Waste Management Plan is designed to provide the general knowledge of regulatory restrictions, compliance guidelines, and the identification, handling, storage, and disposal of all biomedical and infectious waste generated on the campus of Gwynedd Mercy University.

Gwynedd Mercy University recognizes biological, infectious, or biohazard waste as materials with any of the following definitions or characteristics:

- ✚ **REGULATED WASTE:** Liquid or semi-liquid blood or other potentially infectious materials; contaminated items that would release blood or other potentially infectious materials in a liquid/semi-liquid state if compressed; items that are contaminated with dried blood or other potentially infectious materials and are capable of releasing these materials during handling; contaminated sharps; and pathological and microbiological waste containing blood or other potentially infectious materials.

- ✚ **BIOLOGICAL WASTE:** Waste originating from a living organism or its products, including vaccines and cultures intended for use in immunizing, or treating humans or animals, or in research pertaining thereto; any microbiological, bacterial, or fungal cultures; any preserved research specimens

- ✚ **BIOMEDICAL WASTE:** Untreated solid waste; any disposable container which has not been decontaminated; waste generated during the administration of medical care, or the performance of medical research involving humans or animals, including infectious waste, pathological waste and chemotherapy waste.

- ✚ **BLOOD PRODUCT:** Any substance derived from human blood, including but not limited to plasma, platelets, red or white blood cells, and interferon.

- ✚ **BODY FLUID:** Any substance which emanates or is derived from the human body, including but not limited to blood, semen, vaginal secretions, cerebrospinal fluid, synovial fluid, pleural fluid, pericardial fluid, peritoneal fluid, amniotic fluid, and saliva.

- ✚ **CHEMOTHERAPY WASTE:** Waste that has come into contact with an antineoplastic agent during the preparation, handling, or administration of such an agent.

- ✚ **CONTAMINATED:** The presence of, or the reasonable anticipated presence of blood or other potentially infectious materials on an item or surface.
- ✚ **CONTAMINATED LAUNDRY:** Laundry that has been soiled with blood or other potentially infectious materials or that may contain sharps.
- ✚ **CONTAMINATED SHARPS:** Any contaminated object that can penetrate the skin including, but not limited to, needles, scalpels, broken glass, broken capillary tubes, and exposed ends of dental wires.
- ✚ **POTENTIALLY INFECTIOUS MATERIALS (PIMS):** Includes the following human body fluids:
 1. semen
 2. vaginal secretions
 3. cerebrospinal fluid
 4. synovial fluid
 5. pleural fluid
 6. peritoneal fluid
 7. amniotic fluid
 8. saliva in dental procedures
 9. any body fluid that is visibly contaminated with blood
 10. all body fluids in situations where it is difficult, or impossible to differentiate between body fluids
 11. any unfixed tissue or organ (other than intact skin) from a human (living or deceased)
 12. HIV-containing cell or tissue cultures, and HIV- or HBV- containing culture medium or other solutions, blood, organs, or other tissue from experimental animals infected with HIV or HBC

BIOHAZARD WASTE STORAGE AREAS

- ✚ **CENTRAL STORAGE AREA (CSA):** The CSA for Gwynedd Mercy University is located in Keiss Hall room 216 and is labeled as such. Due to the GMC hazardous waste generator status, storage limits for biohazard waste are set at 30 days once transported to the CSA. A solid waste vendor removes all labeled biohazard waste cardboard boxes once a month on designated days.
- ✚ **SATTELITE ACCUMULATION AREAS (SAA):** The SAA is the location at the point of generation where containers of waste are accumulating as waste is generated. Storage limits and regulations in the SAA are as follows:
 1. Sharps containers and/or other approved biohazard storage containers may be stored in the SAA for up to one year *only* if the container is properly labeled with the start date, generator's name, and contents or type of waste and is not full.

2. Sharps containers and/or any other approved biohazard storage containers are considered FULL when $\frac{3}{4}$ of the container is filled. The container must not be filled to its entirety. The full date must be recorded on the label and the containers must be transported to the CSA within 72 hours. Departments may transport the waste themselves, call the Environmental Safety Manager. (Ext. 489) for a pickup, or send an inner-office pickup request to the ESM, Keiss Hall 236.

BIOHAZARD/BIOMEDICAL WASTE DISPOSAL

- ✚ Biohazard waste, other than sharps, generated in the Student Health Center, Athletics Department, and Natural Sciences/Mathematics Department shall be collected in closed, puncture resistant biohazard containers, double-lined with orange or red biohazard bags. Each department may do either of the following for disposal:

1. Once monthly OR as the bag is full, the biohazard waste is transported to the Central Storage Area (CSA) Keiss Hall 216, signed in, and placed into the marked cardboard boxes for storage and monthly pickup by a solid waste vendor.
2. Call (Ext. 489) or send a pickup request to the Environmental Safety Manager within 72 hours of the full date.

- ✚ Contaminated sharps generated in the Student Health Center, Athletics Department, School of Nursing, and the Natural Sciences/Mathematics Department will be collected in properly labeled, puncture resistant, closed containers bearing the biohazard symbol designed for that purpose. Each department may do either of the following for disposal:

1. Once monthly OR as the container is full, the biohazard waste is transported to the Central Storage Area (CSA) Keiss Hall 216, signed in, and placed into the marked cardboard boxes for storage and monthly pickup by a solid waste vendor.
2. Call (Ext. 489) or send a pickup request to the Environmental Safety Manager within 72 hours of the full date.

BIOHAZARD WASTE PACKAGING, LABELING, AND COLLECTION

- ✚ All biohazard or pathological waste is to be packaged, contained, and managed in a manner that prevents and protects the waste from release or spillage.

- ✚ All primary sharps containers or other approved containers used for biohazard waste collection, storage, and disposal are to be labeled with the following:

1. Initial collection date
2. Name of generator
(department name)
3. Contents (type of waste)
4. Full Date

- ✦ All liquid cultures, infectious and non-infectious microbial organisms, and contaminated laboratory solid waste shall be collected in closed, puncture resistant biohazard containers, double-lined with orange biohazard bags.
- ✦ Blood, blood products, and body fluids may be disposed of by flushing into the sanitary sewer when applicable.
- ✦ Labels and signs shall be affixed to containers of regulated waste and any other container used to transport or ship blood or other potentially infectious materials. These labels are normally printed directly on the bags and container when used appropriately. In the event of an unlabeled container used to store or transport biohazard waste, contact the Environmental Safety Manager for biohazard labels.
- ✦ All equipment used to store biohazard waste (refrigerators or freezers) shall be labeled with a biohazard sticker or the words medical waste or pathological waste in letters not less than one inch high on a noticeable sign or placard.

PRESERVED SPECIMEN DISPOSAL

- ✦ Tissues, body parts, and carcasses must be separated from any liquid preservative. The liquid preservative may be handled as hazardous chemical waste depending on its nature.
- ✦ Wrap tissues/carcasses in newspaper or other absorbent material.
- ✦ Wrapped tissues should be sealed in a plastic bag. No free liquid should be present in the bags.
- ✦ The wrapped and bagged specimens will be placed in separate biohazard boxes and disposed by the biomedical waste disposal vendor.

SPILL RESPONSE PROCEDURES

- ✦ In the event of a spill of infectious, biomedical, or other biohazard waste, the area should be secured when possible. The situation should be evaluated based on the amount and size of the contaminated area upon which one of the following will occur:
 1. If the spill is determined to be small enough that it may be safely and completely removed or cleaned with no immediate harm to personnel and no future exposure risk to personnel once it has been removed, then only trained personnel using the appropriate PPE (double nitrile gloves, goggles, and/or apron) may carefully and safely clean up the contaminated area.

2. In the event of a spill which contaminates a large area or one which can not be contained without the potential for physical harm to surrounding personnel, please notify the Environmental Safety Manager immediately for assistance. The ESM will notify the appropriate agency to facilitate the clean up if the situation can not be contained in house.

CONTACT INFORMATION

Hazardous Waste Vendor

Stericycle

Contact: Jeff Bauer, OSHA Compliance Consultant

2333 Waukegan Rd. Ste 200

Bannockburn, IL 60015

Phone: (866) 657-8374 Ext. 6569

Fax: (800) 310-9343

Email: jbauer@stericycle.com

U.S. Environmental Protection Agency (EPA) Region 3 Office

Waste and Chemical Management Division

3WC11

1650 Arch Street

Philadelphia, PA 19103-2029

(215) 814-3413

(Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia)

www.epa.gov

Occupational Safety & Health Administration (OSHA)

200 Constitution Ave. NW, Rm. N3647

Washington, D.C. 20210

Office of Public Affairs

(202) 693-1999

www.osha.gov

Regional OSHA Offices

Allentown (610) 776-0592

Erie (814) 833-5758

Harrisburg (717) 782-3902

Philadelphia (215) 597-4955

Pittsburgh (412) 395-4903

Wilkes-Barre (570) 826-6538

Regional EPA Office Pennsylvania DEP

Div. Hazardous Waste Management

Attn: Ed Karmilovich

14th Floor, Rachel Carson State Bldg.

P.O. Box 8471

Harrisburg, PA 17105-8741

(717) 787-6239

HAZARDOUS WASTE REMOVAL REQUEST

Date: _____

Location of Hazardous Waste: Bldg. & Room #:

Contact Person:

Phone/Ext.: _____

Department: _____

Pickup Availability: Bldg. & Room #:

Date/Time _____

**FORWARD SIGNED REQUEST TO ENVIRONMENTAL SAFETY MANAGER:
KEISS HALL 236**

ESM USE ONLY	IDENTIFICATION/DESCRIPTION	FULL DATE	SIZE & TYPE OF CONTAINER	NUMBER OF CONTAINERS

Special Notes or Handling Instructions to ESM:

Certification: *"I hereby declare that the identification/description of hazardous waste is accurate and complete to the best of my knowledge and that I have made a reasonable effort to store and handle the waste properly prior to full date and release to ESM."*

Generator Signature: _____ Date: _____

ESM Use Only

Date of Pickup _____

Transportation Method:

Disposal Arrangement/Storage Location
