



# MEDICAL WASTE MANAGEMENT PROGRAM

Office of Environmental Health & Safety and Risk Management

REVISION	CHANGES	DATE
1.0	Original	July 2018
1.1	Added purpose/scope, updated format and sections	July 2024
1.2	Updates to vendor information, monthly waste amount	January 2026



## **Purpose**

The generation of medical waste materials at California State University Channel Islands (CSUCI) creates a variety of potential safety and environmental compliance issues. The purpose of this Procedure is to ensure that applicable compliance issues are considered and addressed before storing and disposing of such material.

## **Scope**

This procedure applies to all faculty, staff and students who generate medical waste materials that will be handled or stored on campus.

## **Facility Information**

California State University Channel Islands  
Environmental Health & Safety and Risk Management  
One University Dr  
Camarillo, CA 93012

Phone: 805-437-3550

Emergency Phone: 911 or 805-437-8444 for CSUCI Police

Facility ID: FA0024137

CSU Channel Islands is a small quantity generator of medical waste (less than 200 pounds per month).

### **Person Responsible for Implementation of this Plan:**

CSU Channel Islands Environmental Health & Safety and Risk Management Personnel  
Phone: 805-437-3550

## **Medical Waste Management Company**

CSU Channel Islands contracts with Clean Harbors Environmental Services as the Medical Waste Management Company. The Contracts provide the following:

- Waste pick-up
- Waste transportation
- Waste disposal

### **Medical Waste & Hazardous Waste/ Mail-In Medical Waste**

Clean Harbors Environmental Services  
2500 East Victoria Street  
Rancho Dominguez, CA  
1-800-645-8265  
24-HR Emergency Response Line



Treatment Facility Receiving Waste  
Safety-Kleen Systems Inc.  
2170 S Yale Street  
Santa Ana, CA 92704  
714-429-4300, M-F 9AM-5PM

## **Types of Medical Waste Generated**

Medical waste generated at CSU Channel Islands:

- Laboratory Waste – specimen or microbiological cultures, stocks of potentially infectious agents, culture media, and devices used to transfer, inoculate and mix cultures
- Contaminated Sharps – blades and broken glass

No medical waste is discharged to sewers. No blood or bodily fluids, surgical specimens, pathology, trace chemotherapy, or pharmaceutical waste is generated

CSU Channel Islands conducts no infectious disease research using live animals.

## **Medical Waste Generators**

Two (2) departments on campus are the primary generators of regulated medical waste:

- Biology and M.S. Biotechnology – average medical waste generation per month: 20 pounds

Other departments on campus:

- Student Health Center
  - The Student Health Center operated by Ventura County is under contract with CSU Channel Islands. Medical waste management and disposal is handled by the county under a separate registration with Ventura County Environmental Health Division.
- Nursing Department
  - No medical waste generated. Sharps that are used in the Nursing program are not used on humans or other living organisms.

## **Medical Waste Management Procedures**

### Biology and M.S. Biotechnology

Collection:

- Medical Waste – Collected at the point of generation in rigid containers lined with red biohazard bags. The surfaces of the rigid containers are always protected from contamination by disposable bags which are removed with the waste. The containers and lids are labeled with the words "Biohazardous Waste" or "Biohazard" and the international



biohazard symbol, such that the labels can be seen from all sides. Medical waste is segregated from other types of waste at the point of generation.

- Sharps Waste – Collected at the point of generation in “no cut” rigid, puncture resistant single use containers labeled with the words “Biohazardous” and the international biohazard symbol.

## Transportation:

- Medical Waste – Rigid containers with lids are used to transport Medical Waste to the approved Medical Waste Storage Area. At the end of every day, or sooner if the container becomes full, the biohazard bag is removed from the container and tied with a knot. The waste is then transferred to the approved storage freezer. The rigid container is cleaned and sanitized, if necessary, lined with a new red biohazard bag and returned to service.
- Sharps Waste – Full Sharps containers are closed securely and transported to the storage freezer.

## Storage:

- Approved Medical Waste Storage Area: **Chaparral Hall, N-Lab Freezer**
- The freezer is secured (locked) except when waste is added or removed. The door to the storage area and the freezer are marked with a sign that reads:  
"CAUTION - BIOHAZARDOUS WASTE STORAGE AREA - UNAUTHORIZED PERSONS KEEP OUT".
- The maximum allowable storage time for medical waste at or above 32° Fahrenheit (F) is seven days. Medical waste at the facility is not stored at or above 32° (F). The maximum storage time of medical waste below 32°F is 90 days. Facility medical waste is stored inside the freezer until picked up by a registered hazardous waste disposal company or mailed in through the mail-in program. The storage time does not exceed 90 days.

## Nursing Department

The Nursing Department does not generate medical waste. Sharps used for training purposes are never in contact with human or animal tissue. Broken or used sharps used in teaching are collected at the point of generation in “no cut” rigid, puncture resistant sharps containers. When the container becomes full, it is sealed and disposed of.

## Student Health Center

Medical waste management and disposal is handled by Ventura County under a separate registration with Ventura County Environmental Health Division.

## **Waste Treatment**

Medical waste generated at CSU Channel Islands is NOT treated on-site. All biohazardous waste (human cell culture waste) is treated off-site by the Medical Waste Management Company mentioned above.



Tracking documents for transport and treatment of medical waste are maintained for a minimum of three (3) years.

## **Emergency Action Plan**

Medical waste is stored only in secured labeled areas. Waste is then transported, treated and disposed by our medical waste management company. In the event that our primary medical waste management company (Clean Harbors Environmental Services) is incapable of transporting medical waste in a timely manner, CSUCI Environmental Health & Safety and Risk Management personnel will collect, package, and mail medical waste to the primary medical waste management company (Clean Harbors Environmental Services).

In the event of a spill of bio-hazardous materials, the Campus has a variety of capabilities and plans to mitigate any adverse effects. The Campus has a round-the-clock police department and an on-call hazardous materials emergency response team. The Campus also maintains both a general emergency response plan/emergency operations center and a hazardous materials emergency response plan. Members of these teams participate in both training and drills. Furthermore, as a backup, our hazardous waste disposal contractor has emergency response capability and can respond to hazardous materials emergencies.

### **Clean-Up Procedures:**

In the case of a spill of medical waste, clean up may be done by rinsing or immersion for three minutes using one of the following chemical sanitizers. The concentrations listed below are minimum concentrations; stronger solutions are, of course, more effective.

- **Chlorine:** Commercially available bleach contains about 5% (five percent) sodium hypochlorite. A dilution of one part of the commercial product to 49 (forty-nine) parts water produces a solution of approximately 1000 (one thousand) parts per million (equivalent to 0.1% active ingredient)
- **Ammonia:** Commercially available ammonia solutions each contain about 5% (five percent) quaternary ammonia. A dilution of one part of the commercial product to 49 (forty-nine) parts water produces a solution of approximately 1000 (one thousand) parts per million (equivalent to 0.1% active ingredient) Note: Chlorine (bleach) and ammonia should never be mixed together.
- Phenolic solutions of 500 parts per million (0.05%) of the active agent.
- Iodoform solutions of 100 parts per million (0.01%) of the active agent.

### **Trauma Clean-Up:**

Trauma Scene: "Trauma scene" means a location soiled by, or contaminated with, human blood, human body fluids, or other residues from the scene of a serious human injury, illness, or death.

Trauma Scene Waste Management Practitioner: "Trauma scene waste management practitioner" means a person who undertakes as a commercial activity the removal of human blood, human body fluids, and other associated residues from the scene of a serious human injury, illness, or death, and who is registered with the department health services.



Registered Trauma Scene Management Practitioner for CSUCI:

Bio SoCal  
31127 Via Colinas  
Westlake Village, CA 91362  
805-506-4451  
24/7 Emergency Line

Belfor Property Restoration  
27 W Easy St #403  
Simi Valley, CA 93065  
1-800-856-3333  
24/7 Emergency Line

## **Certification**

I hereby certify that to the best of my knowledge and belief the statements made herein are correct and true.

Signature: \_\_\_\_\_  
Joyce Spencer, CSUCI Director of Environmental

Date: \_\_\_\_\_