

Medical Waste Management Program

Responsible Administrator: Environmental Compliance Assistant Director

Revised: August 2023

Summary: The University of California, Irvine (UC Irvine) has developed this plan to maintain compliance with State and local laws and regulations. This plan will assist in the management of regulated medical waste and contingency measures for emergency situations.

University of California, Irvine

MEDICAL WASTE MANAGEMENT PLAN

NAME OF BUSINESS: University of California, Irvine
ADDRESS OF BUSINESS: 4600 Health Sciences Road
 Irvine, CA 92697-2725
PHONE NUMBER OF BUSINESS: (949) 824-6200
TYPE OF BUSINESS: University - Education and Research
CONTACT PERSON: Kirk Matin

The University of California, Irvine (UC Irvine) has developed this plan to maintain compliance with State and local laws and regulations. This plan will assist in the management of regulated medical waste and contingency measures for emergency situations.

UC Irvine generates approximately 7,000 lbs. (large quantity generator) of medical waste per month. This includes biohazardous, pathology, pharmaceutical, and trace chemotherapy waste. All medical waste tracking documents are maintained on-site and available for review for a period of 3 years.

UC Irvine's registered medical waste haulers:

Veolia ES Technical Solutions, LLC 241 W. Laurel St. Colton, CA 92324 (909) 370-0730	Stericycle, Inc. 2775 E. 26 th St. Vernon, CA 90023 (800) 983-9324
---	--

UC Irvine utilizes Veolia ES Technical Solutions and Stericycle to pick up and dispose of medical waste generated once a week. Medical waste generated is placed in a red biohazard bags inside of secondary containers and stored in secured areas.

UC Irvine's medical waste guidelines are available online at <https://ehs.uci.edu/enviro/haz-waste/index.php>

Bodily Fluid Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/bodilyfluidwaste.pdf
Liquid and Semi-Liquid Biomedical Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/Liquid-Biomedical-Waste.pdf
Pathology Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/pathology.pdf
Pharmaceutical Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/pharmaceutical-waste.pdf
Sharps and Broken Glass Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/sharps-broken-glass-waste-flowchart-v2.0.pdf
Solid Biomedical Waste	https://ehs.uci.edu/enviro/haz-waste/pdfs/Solid-Biomedical-Waste.pdf

Medical Waste Hauler	UC Irvine Pickup Location	
	Building	Room
Veolia ES Technical Solutions	Environmental Health and Safety	144 / 148
Stericycle, Inc.	Gottchalk Medical Plaza	Dumpster Area C626
	Beckman Laser Institute	

Buildings generating medical waste include:

Building	Waste Type Generated				
	Medical	Sharps	Pathology	Chemotherapy	Pharmaceutical
101 Theory	x	x			
101 Academy	x	x			
Beckman Laser Institute	x	x	x		x
Biological Sciences III	x	x	x	x	
Bonney Research Laboratory	x	x			
California Institute for Technology	x	x			
Croul Hall	x	x			
Engineering Gateway	x	x			
Engineering Tower	x	x			
Engineering Hall	x	x	x		
Faculty Research Facility	x	x			
Gavin Eye Institute	x	x	x		
Gillespie Neuroscience Research Facility	x	x		x	
Gottchalk Medical Plaza	x	x		x	x
Gross Hall	x	x	x	x	
Hewitt Hall	x	x			
Interdisciplinary Science and Engineering	x	x	x		
Irvine Hall	x	x			
McGaugh Hall	x	x	x	x	
Medical Sciences	x	x	x	x	
Medical Surge I	x	x			
Medical Surge II	x	x			
Natural Sciences I	x	x			
Natural Sciences II	x	x			
Plumwood House	x	x			
Qureshey Research Laboratory	x	x			
Reines Hall	x	x			
Rowland Hall	x	x	x		
Social Ecology I	x	x			
Social Ecology II	x	x			
Sprague Hall	x	x			
Student Center	x	x			
Student Health Center I	x	x			x
Student Health Center II	x	x			x
Steinhaus Hall	x	x	x		

Waste Type	Treatment Method
Medical Waste	Autoclave
Sharps Waste	Autoclave
Pathology Waste	Incineration
Pharmaceutical Waste	Incineration
Trace Chemotherapy Waste	Incineration

Emergency Action Plan:

Non-Emergency Routine Clean-up Procedures (Small Spill Release):

Releases of small quantities which pose no safety or health threat, do not adversely affect the environment and are unlikely to grow in severity, do not require the involvement of the UC Irvine Environmental Health and Safety (EHS) and may be cleaned up by trained personnel with appropriate personal protective and spill equipment. These personnel should:

- Wear proper protective equipment;
- Eliminate or stop the source of the spill;
- Prevent the material from spreading;
- Disinfect and absorb the material using spill wipes;
- Dispose of contaminated debris and PPE in designated waste containers; and
- Report spill to the area supervisor.

Minor and/or Major Response Procedures (Large Spill Release):

In the event of any release, the observer should immediately evacuate the area and call EHS during normal business hours at (949) 824-6200 or call 911. Procedures for all types of releases are similar.

1. If an employee has been contaminated, emergency decontamination is initiated by the affected person or by a co-worker aiding the affected person in using the safety shower/eyewash.
2. Reporting party isolates the spill by closing the access doors, if any, and denies entry to other employees.
3. Reporting party notifies EHS or 911 (after hours) from a safe location and provides the following information:
 - Name of the reporting party;
 - Location of the spill;
 - Type of material spilled;
 - Quantity of material spilled;
 - Number of affected employees, if any; and
 - Actions taken, if any, to treat affected personnel or to contain the spill.
4. After hours UC Irvine Dispatch Operator notifies EHS.
5. EHS determines nature of spill and specific hazards by consulting MSDSs.
6. EHS orders evacuation of affected areas, as appropriate.
7. EHS determines if there is potential for the release to migrate beyond the boundaries of the site or otherwise impact health and safety or the environment.
8. EHS will partner with outside contractors and regulatory agencies to mitigate the incident as appropriate.
9. In accordance with UC Irvine Emergency Management Plan, EHS will request activation of the Emergency Operations Center (EOC) as appropriate.

The information in this Medical Waste Management Plan is complete and correct to the best of our knowledge as of the revision date below. It is intended solely for the use and operations of the University of California, Irvine.



8/4/2023

Kirk Martin

Date

Assistant Director, Environmental / Rad Safety / Hazardous Waste