County of San Diego

DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
P.O. BOX 129261, SAN DIEGO, CA 92112-9261
(858) 505-6880 FAX (858) 505-6848
http://www.sdcdeh.org

Medical Waste Management Plan

The San Diego County Department of Environmental Health, Hazardous Materials Division (HMD) is the local agency designated by the California Department of Public Health to implement the Medical Waste Management Act. This law governs the generation, handling, storage, transportation, treatment and disposal of medical waste to protect the public and the environment from potential infectious exposure to disease-causing agents.

The Medical Waste Management Plan (MWMP) is a document that describes the types and amount of medical waste generated at a specific location, and indicates how wastes are managed to ensure proper treatment and disposal. All Large Quantity Generators (LQGs) generating **≥200 pounds** of medical waste per month and Small Quantity Generators (SQGs) generating **<200 pounds** of medical waste per month that also treat their medical waste onsite, are required to submit their MWMP to the local enforcement agency. [Authority cited California Health and Safety Code § 117600 et seq.]

SQGs of medical waste that do not treat their medical waste onsite or do not transport waste under the Pharmaceutical Waste Hauling Exemptions, are not required to submit this form to the local enforcement agency; however are required for maintaining a document stating how they contain, store, treat, and dispose of any medical waste generated on file at their office. Completing a MWMP and keeping it at their office can satisfy this requirement. All uses of the Medical Waste Self-Haul and Pharmaceutical Waste Hauling Exemptions require recording and tracking documentation.

Attached is a blank MWMP form for your use. Please **complete, sign, and upload, as required above,** your MWMP to the "Locally-Required Documentation" of the "Hazardous Materials Inventory" section of your California Environmental Reporting System (CERS) facility. Retain a copy for your records and inspection review. If there are changes in any of the information on your MWMP, submit a revised form in CERS within 30 days of changes. Annual submittal of the MWMP is not required.

Additional information about CERS can be found at the following website:
http://www.sandiegocounty.gov/content/sdc/deh/hazmat/hmd_cers.html

If you have any questions, please contact your area inspector or the Hazardous Materials Division Duty Desk at (858) 505-6880.

Attachment

MEDICAL WASTE – DEFINITION OF TERMS

MEDICAL WASTE means biohazardous, pathology, pharmaceutical, or trace chemotherapy waste not regulated by the federal Resource Conservation and Recovery Act; sharps and trace chemotherapy wastes generated in a health care setting in the diagnosis, treatment, immunization, or care of humans or animals; waste generated in autopsy or necropsy; waste generated during preparation of a body for final disposition such as cremation or interment; waste generated in research pertaining to the production or testing of microbiologicals; waste generated in research using human or animal pathogens; sharps and laboratory waste that poses a potential risk of infection to humans generated in the inoculation of animals in commercial farming operations; waste generated from the consolidation of home-generated sharps; and waste generated in the cleanup of trauma scenes.

BIOHAZARDOUS WASTE means all of the following (A-D):

(A) (i) Regulated medical waste, clinical waste, or biomedical waste that is a waste or reusable material derived from the medical treatment of a human or from an animal that is suspected by the attending veterinarian of being infected with a pathogen that is also infectious to humans, which includes diagnosis and immunization; or from biomedical research, which includes the production and testing of biological products.

(ii) Regulated medical waste or clinical waste or biomedical waste suspected of containing a highly communicable disease.

(B) Laboratory waste such as human specimen cultures or animal specimen cultures that are infected with pathogens that are also infectious to humans; cultures and stocks of infectious agents from research; wastes from the production of bacteria, viruses, spores, discarded live and attenuated vaccines used in human health care or research, discarded animal vaccines, including Brucellosis and Contagious Ecthyma, as defined by the department; culture dishes, devices used to transfer, inoculate, and mix cultures; and wastes identified by Section 173.134 of Title 49 of the Code of Federal Regulations as Category B "once wasted" for laboratory wastes.

(C) Waste that, at the point of transport from the generator's site or at the point of disposal contains recognizable fluid human blood, fluid human blood products, containers, or equipment containing human blood that is fluid, or blood from animals suspected by the attending veterinarian of being contaminated with infectious agents known to be contagious to humans.

(D) Waste containing discarded materials contaminated with excretion, exudate, or secretions from humans or animals that are required to be isolated by the infection control staff, the attending physician and surgeon, the attending veterinarian, or the local health officer, to protect others from highly communicable diseases or diseases of animals that are communicable to humans.

SHARPS CONTAINERS means a rigid puncture-resistant container used in patient care or research activities meeting the standards of, and receiving approval from the United States Food and Drug Administration as a medical device used for the collection of discarded medical needles or other sharps.

"BIOHAZARD BAG" means a disposable film bag that is impervious to moisture.The film bags that are used for transport shall be marked and certified by the manufacturer as having passed the tests prescribed for tear resistance in the American Society for Testing Materials (ASTM) D1922, "Standard Test Method for Propagation Tear Resistance of Plastic Film and Thin Sheeting by Pendulum Method" and for impact resistance in ASTM D 1709, "Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method," as those documents were published in January 1, 2014. The film bag shall meet an impact resistance of 165 grams and a tearing resistance of 480 grams in both parallel and perpendicular planes with respect to the length of the bag. The color of the bag shall be red; except when yellow bags are used to further segregate trace chemotherapy waste and white bags are used to further segregate pathology waste.

STORAGE AREA WARNING SIGN is: A sign posted at a designated accumulation area, visible for 25 feet, used to store medical waste which must read in English, "CAUTION—BIOHAZARDOUS WASTE STORAGE AREA—UNAUTHORIZED PERSONS KEEP OUT" and in Spanish, "CUIDADO-ZONA DE RESIDUOS—BIOLOGICOS PELIGROSOS—PROHIBIDA LA ENTRADA A PERSONAS NO AUTORIZADAS" or in another language determined to be appropriate. Intermediate storage areas shall be marked with the international biohazardous symbol or the signage noted above. These warning signs shall be readily legible from a distance of five feet.

PHARMACEUTICAL WASTE (a) means a pharmaceutical, as defined in Section 117747, including trace chemotherapy waste, that is a waste, as defined in Section 25124. (b) For purposes of this part, "pharmaceutical waste" does not include any pharmaceutical that meets either of the following criteria:

(1) The pharmaceutical is being sent out of the State of California to a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4161 of the Business and Professions Code.

(2) The pharmaceutical is being sent by a reverse distributor, as defined in Section 4040.5 of the Business and Professions Code, offsite for treatment and disposal in accordance with applicable laws, or to a reverse distributor that is licensed as a wholesaler of dangerous drugs by the California State Board of Pharmacy pursuant to Section 4160 of the Business and Professions Code and as a permitted transfer station if the reverse distributor is located within the State of California.

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Medical Waste Management Plan

Facility Information

Business Name	**Unified Program Facility Permit #**
Type of Business	**Date**
Street Address	**City/ZIP**

Person Responsible for implementing the Medical Waste Management Plan (MWMP)

Name	
Title	**Phone**

Types of medical wastes (MW) generated

☐ **MW Sharps** - e.g., needles, blades, scalpels, or broken glass or syringes contaminated with biohazardous waste. (human or animal)
Estimated monthly amount _____ lbs

☐ **Blood or blood products** - liquid blood or blood products, or other regulated body fluids, or articles contaminated with liquid blood or body fluids.
Estimated monthly amount _____ lbs

☐ **Laboratory wastes** – infectious specimens or microbiological cultures, stocks of infectious agents, live and attenuated vaccines, biologicals, and culture media.
Estimated monthly amount _____ lbs

☐ **Pathology waste** – human or animal tissues suspected to be infectious to humans
Estimated monthly amount _____ lbs

☐ **Liquid or semi-liquid biohazardous laboratory waste -** treated on site by chemical disinfection* and discharged to sewer.
Estimated monthly amount _____ lbs

☐ **Isolation waste** - waste contaminated with excretion, exudates or secretions from humans or animals who are isolated due to highly communicable diseases.
Estimated monthly amount _____ lbs

☐ **Trace chemotherapeutic waste**
Estimated monthly amount _____ lbs

☐ **Contaminated animals w/Highly communicable** animal carcasses, body parts, tissues or fluids suspected to be contaminated by agents which are contagious.
Estimated monthly amount _____ lbs

☐ **California-regulated pharmaceutical waste**
(non-RCRA, non-radioactive)
Estimated monthly amount _____ lbs

☐ **Other (specify):** _____
Estimated monthly amount _____ lbs

Estimate of TOTAL monthly medical waste for generator classification: _____ lbs

Estimate of other monthly medical wastes (does not count towards generator class):

☐ **Home Generated MW Sharps**
Estimated Monthly Amount _____ lbs.

☐ **Home Generated Pharmaceutical Waste**
Estimated monthly amount _____ lbs.

ONSITE MEDICAL WASTE TREATMENT ONLY: Method & capacity of medical waste treatment *if performed onsite*:

☐ **Steam Autoclaving** ☐ **Other state approved alternative technology** (specify below):

_____

Treatment records must be maintained for three years for small quantity generators, and maintained two years for large quantity generators. (HSC§117943; HSC§117975)

*Per HSC §118215(c), for liquid or semi-liquid biohazardous laboratory waste (§117690(b)(1)(B)), the treatment method must be recognized by the NIH, the CDC, or the American Biological Safety Association. If the chemical disinfection of the medical waste causes the waste to become a hazardous waste, the waste shall be managed in accordance with the requirements of HSC Chapter 6.5 (commencing with §25100) of Division 20.

Medical Waste Management Plan

The following requirements apply to LQGs (HSC§117960), and SQGs that treat MW on-site, or use the Pharmaceutical Waste Hauling Exemption. (HSC§118032)

Emergency Action Plan

This plan is to be followed to ensure the proper disposal of medical waste, including controlled substances in compliance with DEA, approved incineration of pharmaceutical and trace chemotherapy in the event of a natural disaster, spill, treatment system break down, power failure, etc., and closure plan at termination (600 characters max. for WORD interactive form - use additional sheets if necessary). (LQG HSC§117960(h); SQG HSC§117935).

Registered hazardous waste hauler/common carrier used to remove untreated medical waste (if applicable)	
Primary Hauler Name	**Phone #**
Street Address	**City/ZIP**
Contact Person	**Contact Phone #**
Offsite treatment facility to which medical waste is transported (if applicable)	
Facility Name	**Phone #**
Street Address	**City/ZIP**
Contact Person	**Contact Phone #**

Pharmaceutical Waste Categorization

If applicable, the steps taken to categorize the pharmaceutical wastes generated at the facility to ensure that the wastes are properly disposed of as follows:

(1) Pharmaceutical wastes classified by the federal Drug Enforcement Administration (DEA) as "controlled substances" are disposed of in compliance with DEA requirements.

(2) The name and business address of the registered hazardous waste hauler used by the generator to have wastes that are not regulated pursuant to the federal Resource Conservation and Recovery Act of 1976 and nonradioactive pharmaceutical wastes regulated as medical waste safely removed for treatment in compliance with subdivision (b) of Section 118222 as waste requiring specific methods. (LQG:HSC§117960(i); SQG:HSC§117935(i))

Closure Plan

A closure plan for the termination of treatment at the facility using, at a minimum, one of the methods of decontamination specified in subdivision (a) or (b) of Section 118295, thereby rendering the property to an acceptable sanitary condition following the completion of treatment services at the site. (LQG: HSC§117960(j); SQG: HSC§117935(j))

I hereby certify to the best of my knowledge and believe the statements made herein are correct and accurate.	
Name	
Title	
Signature	**Date**