

MEDICAL WASTE DISPOSAL MAP

	NON-RCRA PHARMACEUTICALS Regulated Medical Waste Treatment* or Thermal Destruction**	TRACE CHEMOTHERAPY WASTE SOME STATES REQUIRE THERMAL DESTRUCTION**	BIOHAZARDOUS WASTE REGULATED MEDICAL WASTE TREATMENT*	CONTROLLED SUBSTANCES REGULATED MEDICAL WASTE TREATMENT* OR THERMAL DESTRUCTION**	SINK/SEWER WASTE - EPA RESTRICTED SEEK LETTER OF APPROVAL FROM YOUR PUBLIC OWNED TREATMENT WORKS	UNIVERSAL WASTE	HAZARDOUS WASTE INCINERATION	DUAL WASTE REGULATED MEDICAL WASTE TREATMENT* PLUS THERMAL DESTRUCTION**
Photo								
Description	NON-HAZARDOUS DRUGS Pharmaceuticals that are: -NOT DEA CONTROLLED SUBSTANCES -NOT HAZARDOUS -NOT BIOHAZARDOUS	TRACE CHEMOTHERAPY WASTE LESS THAN 3% (-3%) OF THE CONTAINER VOLUME - NO VISIBLE AMOUNT Contaminated items with a trace amount of chemotherapy waste (i.e., NOT SATURATED) after administering chemotherapy drugs	BIOHAZARDOUS WASTE Also called infectious, red bag, or potentially infectious waste. Contains blood borne pathogens that are dripable, pourable or flakeable, and may cause an infectious disease if exposed to humans or animals. BIOHAZARDOUS DRUGS Infectious materials or potentially infectious substances (i.e., blood, tissue, live vaccines or gene therapy). SHARPS Sharps (i.e., needles, blades) should be disposed in a rigid sharps box. EMPTY BIOHAZARD CONTAINERS Discard trash that's been in contact with biohazardous drugs or medical human biohazard waste (i.e., dripable, pourable, flakeable) in the red biohazard bag.	CONTROLLED SUBSTANCE WASTE (Drug Enforcement Agency Regulated) Must remain in the control of a DEA registrant unless it has been rendered non-retrievable before destruction with CACTUS SINK or RX DESTROYER CACTUS SINK: Two cartridges, one for liquid waste and one for solids (capsules, tablets, and patches) RX DESTROYER: Activated carbon slurry renders drugs irretrievable	MAINTENANCE FLUIDS (Sewerable Seven IV Solutions) that are non hazardous and not mixed with infectious waste. You must seek a letter of approval from your public owned treatment works before disposing. SINK/TOILET Only flush items if they meet the Sewerable Seven categories.	UNIVERSAL, ELECTRONICS AND SPECIAL RECYCLING Refer to your state and local disposal guidelines to properly recycle universal and electronic waste to keep toxic materials from entering the environment. Consider recycling surgical blue wrap to keep out of waste stream.	HAZARDOUS WASTE Substances that are ignitable, toxic, corrosive, reactive or poisonous. Hazardous Waste Bins Can transfer compatible materials from reusable black container into 55 gal barrel to save on shipping. Bulk Chemo More than 3% of the container volume. It should go in disposable, rather than reusable, black bins. Aerosol ONLY place in bin if there are remaining aerosol substances. Empty aerosol containers can be placed in trash or recycling. Incompatible Hazardous Waste Drugs that are corrosive, reactive or poisonous must be packaged and shipped in separate hazardous waste containers. P-listed Waste	DUAL WASTE Mixture of biohazardous and hazardous waste RARE: AVOID WHEN POSSIBLE It's the most expensive to destroy
Typical Items That May Go In This Waste Bin	NON-HAZARDOUS DRUGS Consult Hazardous Drug Chart Note that majority of pharmaceuticals are non-hazardous. Larger organizations tend to separate hazardous and non-hazardous drugs as a money-saving measure.	PPE WITH TRACE CHEMO CONTAMINANTS -Gloves -Gowns -Masks DISPOSABLE EQUIPMENT WITH TRACE CONTAMINANTS -Gauze -Bli Chox Pads -Nonflushable Wipes -Empty Foley Bags SHARPS WITH TRACE CHEMO -Needles -Syringes/needles -broken glass -Ampules NOTE: All saturated chemo items should go in black bins	DRUGS LABELED BIOHAZARDOUS Albumin Products; Botulinum Toxin A (Botox); Factor Containing Products; Epoetin Alfa; Fecal Microbiota Transplant; Interferon Beta-1a; Immune Globulin Products; Prostatin-C (Alpha-1); Rimabotulinumtoxin LIVE VACCINE & CULTURES Vaccines: Yellow Fever Vaccine; Zoster Vaccine PATHOLOGICAL WASTE Soft path (flesh) must be separated from hard path (bones) BIOHAZARDOUS SHARPS Needles; Syringes; Broken Glass; Apheresis; Lancets; Fingerstick Devices; Auto Injectors; Vials Containing Infectious Agents EMPTY DRUG WRAPPERS All wrappers and non-sharp containers for drug products should be placed in a red bag if patient information is difficult to remove.	DEA LISTED CONTROLLED SUBSTANCES: -Partial Dose of Injectable Narcotic Solution -Narcotic Tablet -Narcotic Capsules -Fentanyl Patch -Remaining PCA Syringe Contents -Remaining Controlled Substance Containing Epidural Bag -Ointments THESE CONTROLLED SUBSTANCES MUST BE RENDERED NON-RETRIEVABLE THEN DISPOSED AS A LISTED IGNITABLE HAZARDOUS WASTE: -Testosterone Gels/Solutions -Chloral/Chloral Hydrate -Fentanyl Sublingual Spray -Phenobarbital -Valium Injectable/Gel	SEWERABLE SEVEN: -CALCIUM SALTS -DEXTROSE -LACATED RINGER'S -MAGNESIUM SALTS -POTASSIUM SALTS -SALINE -STERILE WATER Non-hazardous controlled substances can be flushed only when Cactus Sink or RX Destroyer not available. Must document witnessed destruction. NOTE: As of August 21, 2019 RCRA hazardous waste substances can not be flushed down the drain.	UNIVERSAL RECYCLING: -NiCad and Lithium Batteries -Fluorescent Lightbulbs -Mercury Devices/Thermometers -Lead Vests/Blood Pressure Cuffs ELECTRONIC WASTES: -FlatScreen Monitors -Laptops/Computers -Televisions -Microwaves SPECIAL RECYCLING: -Surgical Blue Wrap	Hazardous Drugs: Can mix toxic drugs and flammable liquids in reusable containers. Flammable Liquids: Alcohol >30%; Ethyl Chloride; Xylene Hazardous Toxic Drugs: Refer to EPA Hazardous Drug List Bulk Chemo: Chemo container that has more than 3% content; PPE saturated with chemo drug (i.e., gown) Aerosols: Highly flammable pressurized drugs include: ONLY HPA Inhalers that are not empty: -Albuterol; -Advair; -Flovent; -Proair; -Ventolin; -Qvar; -Xopenex Pressurized Inhalers: -Combivent; -Dulera; -Spiriva; -Symbrinor Topical Anesthetic Sprays: -Dermoplast; -Hemcaine; -PainEase Separate and/or Label Incompatible Haz Wastes: Harmful to Health: Sodium Perborate Corrosive Acids: -Chlorbutolol; -Hydrochloric Acid Corrosive Bases: -Potassium Hydroxide Harmful to the Environment: -Lithium Capsules (if full); -Cadmium; -Iodine; -Bulk Mercury; -Nicotine; -Phenol; -Selenium Oxidizers: -Unused silver nitrate; -Potassium Permanganate Reactive: -Cyanide P-listed Drugs: -Cocaine; -Nitroglycerin; -epinephrine (powder); -Propofolone *includes full, partial or empty packaging or excess medication	Hazardous or Non-Hazardous Waste Mixed In with Infectious Waste (i.e., Mitomycin used in Urology procedures) If made, ask about constituents that created it and review practice to avoid it happening in the future.
What Should NOT Go In This Bin	NO HAZARDOUS MATERIALS NO SHARPS NO INFECTIOUS MATERIALS	NO CONTROLLED SUBSTANCES NO BULK CHEMO (more than 3% container volume) Trace chemo contaminated items can go in a black bin if there are no yellow containers. Trade chemo needles must be placed in a rigid sharps box before being placed in a larger yellow or black in.	NO HAZARDOUS MATERIALS NO CONTROLLED SUBSTANCES NO GARBAGE NO BATTERIES NO CHEMO WASTE KEEP SEPARATE: METAL (i.e., titanium joint, rod, plate) LARGE EQUIPMENT (i.e., pump, monitor) LARGE PATHOLOGICAL (i.e., arm, leg, torso)	NO CONTAINERS NO WRAPPERS NO SHARPS NO INFECTIOUS MATERIAL	NO OTHER DRUGS NO HAZARDOUS MATERIALS NO SHARPS NO INFECTIOUS MATERIAL	NO INFECTIOUS MATERIALS NO DRUGS NO SHARPS NO TRASH	NO CONTROLLED SUBSTANCES NO SHARPS NO INFECTIOUS MATERIAL	NO CONTROLLED SUBSTANCES



THIS WASTE MAP WAS CREATED AS A GUIDE ONLY. FINAL DISPOSAL OF ALL WASTES WILL BE CONTINGENT ON PROFILE AND TSDF OR LOCAL POTW APPROVAL
Customize this map to fit your organization's specific waste needs. Please reach out to LRI with any questions.
Logistics Recycling, Inc.
www.RecycleWithLRI.com