

SHARPS AND BIOHAZARDOUS WASTE DISPOSAL FLOWCHART*

*Biohazardous includes human, animal, and plant pathogens and recombinant or synthetic nucleic acid molecules

ANIMAL CARCASSES

Animals may include wild animals, companion animals, and animals exposed to non-food chain approved drugs or feeds.



Transgenic **OR** Infected
with *Human* Pathogens



- (1) Collect in biohazard bags or lined, leakproof container with Biohazard label.
- (2) Attach a purple "Waste for Incineration" tag. Take to the incinerator at 1676 Veterinary Medicine or have picked up for transport to an approved incinerator.



Never infected with
Human Pathogens



- (1) Consider an appropriate disposal method such as rendering, composting, burying, or landfilling.

ANIMAL BEDDING

Large research animals include horses, cattle, sheep, pigs, etc.

Small research animals include rats, mice, rabbits, guinea pigs, etc.

Contaminated bedding means bedding from animals infected with *human* pathogens or bedding from transgenic animals.



Contaminated Bedding
from *Large* Research
Animals



- (1) Collect in biohazard bags or lined, leakproof container with Biohazard label.
- (2) Attach a purple "Waste for Incineration" tag, and take to the incinerator at 1676 Veterinary Medicine.



Contaminated Bedding
from *Small* Research
Animals



- (1) Collect in leakproof, autoclavable Biohazard bags.
- (2) Place an autoclave indicator tape "X" over the biohazard symbol before autoclaving.
- (3) *After* autoclaving, place Biohazard bag inside a dark regular garbage bag.
- (4) Place sealed bag in regular trash *dumpster*.



Non-Contaminated
Bedding



- (1) Collect in leakproof bags.
- (2) Place sealed bag in regular trash *dumpster*.

HUMAN MATERIALS

(human solids such as feces, tissue, body parts, and waste from cell culture)



- (1) Collect in biohazard bags or lined, leakproof container with Biohazard label.
- (2) Attach a purple "Waste for Incineration" tag, and take to the incinerator at 1676 Veterinary Medicine.

LIQUIDS

(human blood, liquid bacterial cultures, etc.)

Contaminated with Biohazardous Materials

*NOTE: *Never* put any liquids in trash cans or dumpsters.



- (1) Autoclave or treat with appropriate chemical disinfectant to decontaminate.
- (2) *After* decontamination, dispose of down the drain to the sanitary sewer.

DISPOSABLE SOLIDS

(gloves, plastic-ware, blood soaked paper towels, Kimwipes, etc.)

Contaminated with Biohazardous Materials



- (1) Collect in leakproof, autoclavable Biohazard bags.
- (2) Place an autoclave indicator tape "X" over the biohazard symbol before autoclaving.
- (3) *After* autoclaving, place Biohazard bag inside a dark regular garbage bag.
- (4) Place sealed bag in regular trash *dumpster*.

NON-DISPOSABLE ITEMS (REUSABLE)

(equipment, glassware, bench tops, etc.)

Contaminated with Biohazardous Materials



Autoclave or treat with appropriate chemical disinfectant to decontaminate.

METAL SHARPS

(hypodermic needles, surgical needles, scalpel blades, razor blades, etc.)

*NOTE: *Never re-cap needles*. Recapping almost guarantees getting stuck. ☹️

Do not re-use sharps waste containers.



Contaminated with
Biohazardous Materials



- (1) Collect in autoclavable, leakproof, puncture-resistant container labeled with a Biohazard label.
- (2) *After* autoclaving, cover Biohazard label with "Non-Infectious Syringes and Metal Sharps Only" label.
- (3) Contact EH&S for pick-up.



Never Contaminated
with Biohazardous
Materials



- (1) Collect in leakproof, puncture-resistant container labeled with a "Non-Infectious Syringes and Metal Sharps Only" label.
- (2) Contact EH&S for pick up.

GLASS SHARPS

(broken glass, glass pipettes, etc.)

Do not re-use sharps waste containers.



Contaminated with
Biohazardous Materials



- (1) Collect in autoclavable, leakproof, puncture-resistant container labeled with a Biohazard label.
- (2) *After* autoclaving, place in yellow tidy cat container or yellow glass disposal bin on dock for disposal.



Never Contaminated
with Biohazardous
Materials



- (1) Collect in leakproof, puncture-resistant container labeled **Broken Glass** or yellow tidy cat container.
- (2) Place in a yellow glass disposal bin on dock for disposal.

PLASTIC SHARPS

(plastic pipettes and tips)



Contaminated with
Biohazardous Materials



- (1) Collect in autoclavable, leakproof, puncture-resistant container labeled with a Biohazard label.
- (2) *After* autoclaving, place inside garbage bag lined cardboard box, seal, label **Plastic Sharps**.
- (3) Place sealed box in trash *dumpster*.



Never Contaminated
with Biohazardous
Materials



- (1) Collect in garbage bag lined cardboard box labeled **Plastic Sharps**.
- (2) Place sealed box in regular trash *dumpster*.