**Coro Molecular Lab Disposal of Hazardous Chemical Waste Procedure**

1. **PRINCIPLE:**
   1. The laboratory is responsible for establishing and maintaining a procedure for the proper collection and disposal of chemical waste in the Coro building in order to comply with applicable legislation. This is done in coordination with the Rhode Island Hospital Hazardous Materials and Waste Management Plan.
2. **PROCEDURE:**
   1. Chemical liquid waste must be discarded into a container that is compatible with the waste stored within it.
      1. Empty alcohol containers are acceptable for alcohols, and buffers.
      2. Phenol-chloroform and xylenes are reactive with some plastics and should be stored in glass.
      3. Containers must always be capped, except when waste is added.
      4. The waste must be stored in an appropriate secondary container. Unacceptable containers include cork, glass (except for caustic acids), rubber stopper containers, plastic milk or soda bottles.
      5. A waste container is considered full when there is only 10%-20% headspace inside. This is to allow for expansion inside the closed container.
      6. Incompatible wastes must not be stored together.
   2. This container will also be appropriately labelled with an orange hazardous waste sticker.
      1. Hazardous waste labels must include the chemical(s) found in the container along with the percentage of the chemical.  They also must have the potential hazards marked on the label (i.e., Flammable, corrosive, carcinogen, etc.).
   3. Weekly, the accumulated chemical hazardous waste is transported to the satellite storage room.
      1. Twice per month, the vendor will pick up the chemical waste for proper disposal.
   4. Once per week, the vendor will evaluate the chemical waste volume in the Molecular Microbiology lab and dispose as needed.
3. **EMERGENCY PHONE NUMBERS:**
   1. In case of emergency, dial 9-911.
   2. For questions contact the Employee Safety Office at 4-8357 or page the Director of Emergency Management at 350-5970.
4. **REVISIONS:**
   1. 1/13/2020: Updated footer to reflect the new laboratory name.
   2. 2/16/2023: Updated to clarify the waste container types for different chemicals.