

The following rules apply to all Rowan University Waste storage areas, known as Satellite Accumulation Areas (SAAs). A printed copy of these rules is required to be posted in the immediate vicinity of each SAA to designate that the area is set aside for waste storage. You can obtain a copy of the SAA sign by contacting Laboratory Safety at 856-256-5105 or [LabSafety@rowan.edu](mailto:LabSafety@rowan.edu).

**Rowan University**  
**Hazardous Waste Satellite Accumulation Area**

Hazardous chemicals must be stored in this Satellite Accumulation Area (SAA). Inspect the SAA on a routine basis to maintain compliance with Federal and State regulations. The following items/conditions are critical in maintaining compliance:

Container Inspection:

- Use a container that is compatible with the waste being collected.
- Keep the container closed (with a screw top cap, NOT a funnel) at all times, except when adding or removing waste.
- Ensure containers are in good condition and free of precipitate and drips.
- Store containers on an impervious surface with no active floor drains nearby.
- Do not store bottles on the floor without secondary containment.
- Ensure every container has a Rowan University hazardous waste label that is properly filled out. Add the Container Full Date to a container once a Waste Determination and Pickup Request Form has been submitted to Lab Safety.

SAA Contact: Lab Safety

For supplies or information about waste management,  
contact Lab Safety at 856-256-5105 or [LabSafety@Rowan.edu](mailto:LabSafety@Rowan.edu)

All waste containers must be labeled with the appropriate Rowan University Waste label. **Other waste labelling methods are not permitted.**

- The Rowan University waste labels are designed to meet the requirements of both Federal and State waste regulations.
- All fields on Rowan University waste labels must be completed to ensure regulatory compliance. Instructions for completing each type of waste label can be found on the [Laboratory Safety Website](#).
- Waste Labels are available for download as fillable PDFs on the Laboratory Safety Website. Pre-Printed label sheets are also available in bins outside of each building's Central Accumulation Area (CAA). CAA's can be found at or near each building's loading dock.
- The upper volume limit for a single SAA is 55 gallons of Hazardous Waste, or 1 quart of any [P-listed Hazardous Waste](#). If a lab approaches this limit, they should immediately contact Laboratory Safety to request a pickup.


### HAZARDOUS WASTE

Container Full Date: \_\_\_\_\_


Dept.: \_\_\_\_\_ Bldg./Rm.#: \_\_\_\_\_

Name: \_\_\_\_\_ Phone: \_\_\_\_\_


Chemical Name/Contents	%




FLAMMABLE




CORROSIVE




TOXIC




OXIDIZER




HEALTH HAZARD




IRRITANT



COMPRESSED GAS



EXPLOSIVE



ENVIRONMENT

Laboratory Safety 856-256-5105 [LabSafety@Rowan.edu](mailto:LabSafety@Rowan.edu)  
 201 Mullica Hill Rd, Glassboro, NJ 08028

Waste containers must be kept closed at all times, unless waste is actively being added to the container

- Funnels are not closure devices; if a funnel is used to add waste to a container, the funnel must be removed and the container closed once the addition is complete.
- All waste containers must be capable of being tightly sealed; aluminum foil, Parafilm, tape, or other temporary covers, are not adequate for waste accumulation containers.
  - **As a general rule, a container is properly sealed if it will not leak when tipped over.**
  - **Headspace must be left in containers to allow for thermal expansion and to prevent leaks. Do not overfill containers.**
- All waste containers must be maintained in good condition. If a container leaks, the waste must be transferred to a new container.
- Containers must be compatible with the waste they will contain. Waste must not react with the material the container is constructed with.

### Accumulation of Waste from Machinery Operation

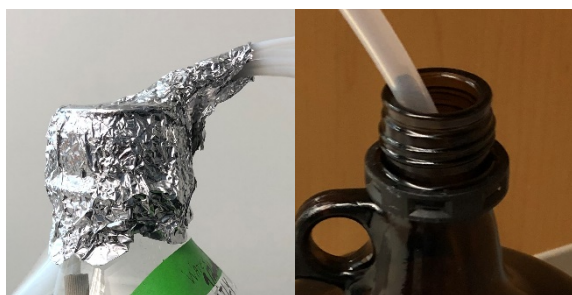
Containers connected to machinery, such as HPLCs, for the collection of hazardous waste are subject to all of the same Satellite Accumulation Area regulatory requirements. These containers must be labelled with the appropriate Rowan University Waste Label and sealed when waste is not being actively added.

- Waste containers must be placed within secondary containment.
- Tubing and hoses carrying waste from the machine must be sealed where they enter the waste container to prevent spills and the release of vapors. Container sealing can be achieved through the following:
  - Drilling a small hole in an extra cap to allow for a snug, press fit hose to pass through.
  - Use of commercially available hose fittings and cap systems.
- Full waste containers must be sealed with a regular cap with no holes or fittings attached.

#### Properly Sealed Compliant Containers



#### Non-Compliant Containers



### General SAA Requirements

- Do not mix incompatible waste streams (i.e. acids/bases, flammable liquids/oxidizers) in the same containers, and keep them segregated by using separate secondary containments or trays in the SAA to prevent dangerous reactions
- Biohazardous or radioactive wastes must be kept separate and segregated from Hazardous Waste SAAs. Do not store these types of waste near one another to prevent cross-contamination.
- Establish SAAs at or near the point at which the waste is being generated.
- Each lab must designate a Laboratory Waste Manager, who is responsible for all waste in the SAA, and for completing a SAA Monthly Self-Inspection in BioRAFT.