

## **Biological Spill Clean-up and the Prevention of Release of Spills down Floor Drains**

### **1. Objective:**

- a. To describe the proper procedure to follow when a spill occurs near a floor drain, to prevent the release of biologicals into the environment.

### **2. Scope:**

- a. This SOP shall be applicable for all floor drains located underneath the eye wash and emergency shower stations: three in the open wet lab and one each in room 1445 and 1446.

### **3. Responsibility:**

- a. Managers, Supervisors, or Principal Investigators shall ensure all users are trained properly, and that every emergency shower has a fully stocked spill kit.

### **4. Procedure for Biological Spills near Showers Drains:**

- a. Notify the appropriate personnel:
  - Report the spill to your PI and to [admin.tbep@utoronto.ca](mailto:admin.tbep@utoronto.ca), contact Environmental Health and Safety in the case of large spills or if you have any questions.
  - If the spill goes down the shower drain, you must contact MaRS Tenant Services at 416.673.8200
- b. Post signs, and isolate the area.
- c. Wear appropriate PPE including gloves, lab coat, goggles and mask.
- d. Isolate the drainage with an absorbent sock and/or pad from the dedicated shower drain spill kit (the yellow bucket located adjacent to all shower drains).
- e. Remove contaminated sharps from the spill using forceps or tongs.
- f. Cover the spill completely with absorbent pads and pour a freshly prepared 1% bleach (1 in 4 dilution from MedStore “Spring Time” bleach, or “Prevail” (1% accelerated hydrogen peroxide) around the edges of the spill and work inwards to the center.
- g. Allow paper towels soaked with disinfectant to stand (20 minutes for bleach, 3-5 minutes for accelerated hydrogen peroxide).
- h. Clean up the spill in a circular motion from the outer rim of the spill to the center.
- i. Disinfect any equipment, walls, or other areas likely to have been splashed by the spill.
- j. Properly dispose of materials in biohazard containers, and mark containers “spill cleanup – contains {name of disinfectant}”.
- k. Remove PPE into a biohazard container for disposal.
- l. Wash your hands with soap and water.

**5. References:**

- a. <https://ehs.utoronto.ca/our-services/biosafety/biological-spills/>