

STANDARD OPERATING PROCEDURE # FDO 3.119

Subject: Cleaning Sewage Spills

Purpose and Scope: To standardize the approach for cleaning restroom facilities and other areas after a toilet overflow or other sewage type leak/discharge. "Restroom facilities are cleaned each workday with some tasks being performed at intervals in accordance with the Building Services Task and Frequency Plan. A current Task & Frequency plan is provided to Environmental Services Technicians by their Supervisor." (FDO 3.107)

Procedures: Immediately notify facilities maintenance through Work Control Center (Ext. 6000) for water shut off and determination of the source of sewage leak/discharge. Block off area and place signs to limit access to the area. Notify your supervisor and EH&S of the situation and request assistance. Depending on the size and scope of discharge, an outside contractor may be brought in to clean affected areas. If size and scope of discharge is determined by Environmental Services Supervisor to be within the capabilities of Environmental Service Technicians, then and only then, will the Building Services' personnel undertake the clean-up.

CLEAN RESTROOM FLOORS (TILE)

Equipment needed: Disinfectant (Note: Betco #355 pH7Q Dual is an approved disinfectant), wet/dry vacuum, mop & bucket, wet-floor signs, red biohazard bags, latex gloves, eye protection (goggles), shoe covers and disposable mask.

Note: Once cleanup starts any surface touched becomes contaminated.

- a. Put on Personal Protective Equipment (PPE) – gloves, eye protection, shoe protection and mask.
- b. Remove excess water and debris from floor with wet/dry vacuum.
- c. Treat wet/dry vacuum contents with appropriate disinfectant prior to disposal.
- d. Mix appropriate disinfectant with water in mop bucket (Betco #355 pH7Q Dual – see directions below).
- e. Spray disinfectant on walls, toilet or other surfaces that may have been impacted by sewage.
- f. Allow disinfectant to sit on surfaces (10 minutes) while mopping the floor.
- g. Mop the floor with disinfectant solution.
- h. Clean walls, toilets or other surfaces with disinfectant solution.
- i. Dispose of all soft clean up materials (paper towels, mop head, etc.) in red bags.
- j. Sewage waste disposal: Waste from wet/dry vacuum and mop bucket may be disposed of by pouring directly into sewer lines through manhole access points. Facilities/Utilities personnel can help with this step in the process.
- k. Remove all personal protective equipment **except** gloves.
- l. Personal Protective Equipment (PPE) - Disposables may be put in red bags. Other items will need to be decontaminated with appropriate disinfectant immediately after each use. Place items in black trash bag.
- m. Remove latex gloves, place in red bag.
- n. Wash hands thoroughly with soap and water.
- o. Contact EH&S at 474-2525 for pick-up of red bags.
- p. Decontamination of reusable items: Put on fresh pair of latex gloves and eye protection (goggles). Prepare large container such as 30 gallon drum, kiddie swimming pool or other suitable large container with Betco #355 pH7Q Dual at the car washing facility behind building 91. Submerge all reusable items in disinfectant solution for 10 minutes, remove and rinse with clean water. Liquid can be poured directly into car wash drain.
- q. Decontamination of mop bucket and wet/dry vacuum: Fill each container with disinfectant solution. Wait 10 minutes and pour directly into car wash drain. Rinse the inside of each with clean water and store for next use. **Caution:** Do not submerge or wet electrical components of wet/dry vacuum.
- r. Remove latex gloves and goggles and wash hands thoroughly with soap, water and dry completely.

Note: If carpet is also wet with sewage follow the steps below using carpet safe disinfectant (NO Bleach)

- a. Put on personal protective equipment Personal Protective Equipment (PPE): gloves, eye protection, boot/shoe protection and mask.
- b. Remove excess water and debris from floor with wet/dry vacuum.
- c. Treat wet/dry vacuum contents with disinfectant prior to disposal.
- d. Spray disinfectant on carpet and allow Betco #355 pH7Q Dual disinfectant to sit for 10 minutes.
- e. Remove excess fluids from carpet with wet/dry vacuum.
- f. Dispose of all soft cleanup materials (paper towels, boot/shoe protection, etc.) in red bags.
- g. Sewage waste disposal: Waste from wet/dry vacuum may be disposed of by pouring directly into sewage lines through manhole access points. Facilities/Utilities personnel can help with this step in the process.
- h. Remove all personal protective equipment **except** gloves.
- i. PPE disposables may be put in red bags. Other items will need to be decontaminated with appropriate disinfectant immediately after each use. Place items in black trash bag.
- j. Remove latex gloves, place in red bag.
- k. Wash hands thoroughly with soap and water.
- l. Contact EH&S at 474-2525 for pick-up of red bags.
- m. Decontamination of reusable items: Put on fresh pair of latex gloves and eye protection (goggles). Prepare large container such as 30 gallon drum, kiddie swimming pool or other suitable large container with Betco #355 pH7Q Dual disinfectant at the car washing facility behind building 91. Submerge all reusable items in disinfectant solution for 10 minutes, remove and rinse with clean water. Liquid can be poured directly into car wash drain.
- n. Decontamination of mop bucket and wet/dry vacuum: Fill each container with Betco #355 pH7Q Dual disinfectant solution. Wait 10 minutes and pour directly into car wash drain. Rinse the inside of each with clean water and store for next use. **Caution:** Do not submerge or wet electrical components of wet/dry vacuum.
- o. Remove latex gloves and goggles and wash hands thoroughly with soap, water and dry completely.
- p. Follow steps (m –o) above for decontamination of reusable and wet/dry vacuum.

Note: Removal of contaminated carpet may be required. Approval is at the discretion of the supervisor or maintenance superintendent

Solutions: Prepare Disinfectant – must be used within 24 hours!

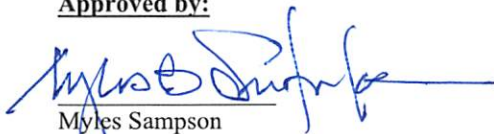
Betco #355 pH7Q Dual

– 0.5 ounces per gallon of water

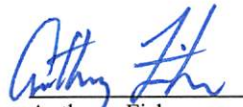
- a. 2.5 oz. per 5 gallons of water
- b. 5 oz. per 10 gallons of water
- c. 15 oz. per 30 gallons of water

Developed by: Facilities Management

Approved by:



Myles Sampson
Director
Buildings & Grounds Management



Anthony Fisher
Maintenance Superintendent
Facilities Maintenance



Dr. Melinda S. Bowers, Ed.D
Associate Vice President
Facilities Management



Peter Robinson
Director
Environmental Health and Safety