

WASTE HANDLING & DISPOSAL BMP FACTSHEET 9

Rev. 04/2023



Targeted Pollutants

Sediment	X
Nutrients	
Trash	
Metals	X
Bacteria	
Oil & Grease	X
Chemicals	
Salt	X

Objectives

Cover	X
Contain	X
Educate	X
Reduce/Minimize	X
Product Substitution	

DESCRIPTION

The goal of establishing procedures when handling and disposing of material waste is to prevent spills and leaks by requiring facility owners to comply with various safeguard requirements such as good housekeeping, following proper waste storage and handling protocols, waste reduction and following waste disposal protocols. Many facilities on Ft. Belvoir have designated facilities which house both raw materials and waste materials. It is important when handling these materials that proper procedures are followed to prevent unnecessary and unlawful discharges of harmful pollutants into our waterways.

GUIDELINES

Contact Fort Belvoir Hazardous Waste Management Program at [703-806-4537](tel:703-806-4537) for information on hazardous waste turn in.

- Have good housekeeping strategies. Reference BMP Factsheet Overview for more details.
- If possible place waste containers in a covered area and away from storm drains.
- Protect containers from direct sunlight and inclement weather.
- Keep containers elevated off the floor (i.e. on a pallet) and kept in secondary containment.
- Have Safety Data Sheets (SDS) for all chemicals on-site. Ensure SDS is submitted to Hazardous Waste Management Program when turning in waste.
- Check storage containers often for signs of leaking or corrosion.
- Make sure all waste storage containers are labeled and lids are secure.
- Do not fill containers with washout water or any other liquid other than what container was intended to store.
- Sweep and clean storage area regularly. If it's a paved surface, **do not hose down area into storm drain.**
- Dispense of rinse water from cleaning containers into sanitary sewer **ONLY** if allowed by local sewer authority. Coordinate this well in advanced with the Drinking Water/Wastewater Program Manager for authorization at (703) 806-0137.
- **DO NOT MIX WASTE!** This can make recycling impossible, complicate disposal, and cause harmful chemical reactions.
- As a temporary arrangement, place the material on a paved surface and cover it with tarps or plastic sheeting, secured with weights or ropes. Ensure there is secondary containment for fluids.

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MAINTENANCE/GOOD HOUSEKEEPING

Storing Hazardous Waste

- Designate hazardous waste collection site or Satellite Accumulation Area (SAA) and submit to Hazardous Waste Program for approval. Note that SAA sites must be located at point of generation.
- Store hazardous waste in secure area, protected from vandalism and areas of high traffic and in compliance with fire and hazardous waste codes.
- Ground highly flammable waste.
- Segregate incompatible waste (i.e. segregate acids from caustics, segregate reactive from ignitable, segregate corrosive from flammable).
- Ensure that hazardous waste is placed in secondary containment.
- Ensure Safety Data Sheet (SDS) is available for each product on site and available for hazardous waste turn-in.

INSPECTIONS

The Spill Prevention, Control and Countermeasure Plan (SPCC) rule requires that you:

- Test or inspect **each** container for integrity on a regular schedule and whenever you make material repairs.
- Frequently inspect the outside of the container for signs of deterioration, discharges, or accumulation of fluids inside diked areas. In addition, inspect the secondary containment for signs of deterioration, discharges, or accumulation of liquids in container. This visual inspection is intended to be a routine walk-around and include the container's supports and foundations.
- Identify in your SPCC Plan the type and frequency of testing and inspection for each container and the appropriate qualifications of personnel performing the tests and inspections. Testing and inspection records must be kept for 3 years. EPA recommends formal test records or reports be kept for the life of the container.
- Integrity testing is required for all aboveground bulk storage containers to determine if the container (e.g. a tank) is suitable for continued use until the next visual inspection. See BMP Factsheet 1 on AST.



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SPILL RESPONSE PROCEDURES

In the event of a spill or leak, follow the appropriate Spill Response Procedures posted at your facility or refer to the BMP Factsheet Overview.

- **Survey the incident** from a safe distance. Identify the source of release and the material being released.
- Call the Ft. Belvoir Fire Department if spills are greater than 5 gallons OR greater than 5 square feet. If ANY amount of leaked material has entered a storm drain or waterway call the Ft. Belvoir Fire Department at 703-781-1800 and DPW Environmental Division (Env. Div.) at 703-806-3694.
- Provide the Safety Data Sheet of the spilled material to the spill response personnel.
- Fill out Spill Incident Report in your SWPPP.
- **REPORT ALL SPILLS REGARDLESS OF SIZE TO DPW/ENV. DIV.**

REPORT SPILLS TO DPW/ENV. DIV. BY:

- E-mailing your Spill Incident Report to zachary.d.witman.civ@army.mil
- Calling 703-806-3694