

Summary Report for Individual Task  
052-250-7500  
Establish a Unit Hazardous Waste Accumulation Point  
Status: Approved

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Fort Leonard Wood foreign disclosure authority. This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** You are given an Operation Order (OPORD) and applicable references. Before a deployment or unit inspection, establish a unit hazardous waste accumulation point. Standard MOPP 4 conditions do not exist for this task. See the MOPP 4 statement for specific conditions.

**Standard:** Assess the unit compliance with establishing a unit hazardous waste accumulation point. Identify deficiencies and necessary steps/courses of action required to correct the deficiencies.

**Special Condition:** None

**Safety Risk:** Low

**MOPP 4:** N/A

<b>Task Statements</b>
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**Cue:** None

<b>DANGER</b>
None

<b>WARNING</b>
None

<b>CAUTION</b>
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**Remarks:** None

**Notes:** None

## Performance Steps

1. The element leader conducts troop-leading procedures.

a. Issue a Warning Order (WARNO).

b. Plans for waste collection area within waste quantities and waste accumulation times allowed.

2. Verifies siting of waste collection area.

a. Sited away from vehicular traffic, sewer drains, storm drains, natural terrain stormwater runoff and property boundaries.

b. Site selection shall agree with the appropriate land use designation on the installation master plan.

(1) Proximity to critical areas area minimum buffer zone of 15 meters (50 feet) between the hazardous waste (HW) storage building and adjacent inhabited areas, facilities and waterways.

(2) Conduct a risk assessment and appropriate hazard analysis for accidental release and day to day operations at the HW storage buildings.

(3) Located where there are access roads of adequate load bearing capacity and where routine through residential areas will not be required.

3. Communications.

a. Access to or provide telephone or wireless communications.

b. Emergency alarms shall provide the capability of activating an emergency alarm from each storage area and office.

4. Security.

a. Fence for the storage area is at least 15 feet from the outside perimeter road of the facility.

b. The height of the security fence is eight feet.

c. Buildings, structures, waterfronts and other barriers used instead of (or as a part of) a fence line must provide equivalent protection to the fencing required for that area.

5. Design standards.

a. Building criteria:

Constructed of man-made materials.

Provide sufficient structural strength to prevent unit failure.

Install a decontamination area for personnel, equipment, and vehicles.

Doors and windows must be placed so as not to come into contact with waste.

Contact surfaces must be chemically compatible with waste.

b. Primary Barrier (floor) criteria:

Constructed of man-made material (typically concrete).

Structurally sound and chemically compatible with waste.

Sloped toward liquid collection device.

Designed to allow for removal of waste for proper RCRA management.

Leak Detection system must detect release of waste at earliest practicable time.

c. Secondary Barrier criteria:

Structurally sound and chemically resistant to the waste.

Designed to contain and allow for removal of accumulating wastes.

Is required only for "wet areas" within the unit, but recommended for both "wet" and "dry" areas.

d. Access and Exit criteria:

Access to and exit from the storage facility will be restricted to periods when the facility is manned.

A sign visible from 8 meters (25 feet) shall be placed on all access roads and entrances to the storage facility. Sign to read "Danger Unauthorized Personnel Keep Out." Signage will also identify the area and include contact information: name and phone extension.

e. Safety criteria:

Showers and Eyewash Station will be provided within 10 seconds and within 100 feet of travel distance.

Ventilation. All generally occupied areas (administrative, latrines, etc.) shall have positive-pressure ventilation in enclosed spaces. Storage and/or transfer areas containing materials hazardous to health shall be ventilated.

Fire protection shall be provided as required by Construction Criteria Manual, DOD MIL-HDBK-1190. Since reactive wastes may react violently with water, the storage area for these wastes shall be protected by a gaseous-type system.

f. Operational guidelines:

The facility design will conform with the comprehensive and contingency plans (fire protection, spill containment, disaster preparedness, etc.) of the host installation.

(1) Containment criteria:

Secondary containment is required for liquid hazardous waste or other waste that might be released into the environment, such as dusts, powders, and shavings.

Container storage, only non-leaking containers that are safe to handle and correctly labeled will be stored in the facility.

(2) Inspection Requirements:

Routine inspection requirements are specific to how the area is designated.

HWAP and all containers in any waste accumulation area are inspected weekly by the designated person.

Inspect all containers labeled "hazardous waste" for leaks. If a leak is found, immediately arrange a spill cleaned in accordance with the unit SOP.

(3) Maintenance Requirements:

Keep the area free of debris and trash and schedule housekeeping, as necessary.

Pump rainwater out of secondary containment immediately. If the rainwater has become contaminated, it will need to be evaluated to determine the proper disposal method.

Verify that the safety equipment remains functional and that safety information is current.

(4) Emergency Preparedness criteria:

All facilities shall maintain an adequate supply of compatible absorbent material for application to liquid spills and leaks.

Each hazardous waste collection area must be included in a facility emergency plan (FEP); if a collection area is not included in any building FEP, an individual plan must be prepared and made available.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier a GO if all performance measures are passed. Score the Soldier a NO GO if any performance measure id failed. If the Soldier scores a NO GO, retrain and retest.

**Evaluation Preparation:** Test this task in conjunction with a field training exercise or other pre-deployment training which involves the assessment of environmental compliance status of a unit. The leader will be evaluated on their ability, as a leader, to protect the environment.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. The element leader conducted troop-leading procedures.			
2. Verified siting of waste collection area.			
3. Established Communications.			
4. Ensured Security was in place.			
5. Followed Design standards.			

**Supporting Reference(s):**

Step Number	Reference ID	Reference Name	Required	Primary
	CFR 29 (PART 1910.120)	Hazardous Waste Operations and Emergency Response.	No	No
	FM 3-34.5	Environmental Considerations	No	No
	TG 217	Technical Guide 217, Hazardous Material/Hazardous Waste Management Guidance for Maneuver Units During Fieald and Deployment Operations	No	No
	TM 5-814-7	HAZARDOUS WASTE LAND DISPOSAL/LAND TREATMENT FACILITIES	No	No
	UFC 4-451-10N	DESIGN: HAZARDOUS WASTE STORAGE	No	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. Low, in a classroom environment.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed

during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. Low, in a classroom environment.

**Prerequisite Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
052-250-0070	Establish a Hazardous Material Management plan	052 - Engineer (Individual)	Approved

**Supporting Individual Tasks :**

<b>Task Number</b>	<b>Title</b>	<b>Proponent</b>	<b>Status</b>
052-250-0090	Identify the Hazardous Waste Management Requirements	052 - Engineer (Individual)	Approved
081-68S-0298	Evaluate Installation Hazardous Material/Hazardous Waste Operations	081 - Medical (Individual)	Approved

**Supported Individual Tasks :** None

**Supported Collective Tasks :** None