

Spill Awareness

Training and Resource Presentation



Prevent

Prepare

Respond

Introduction

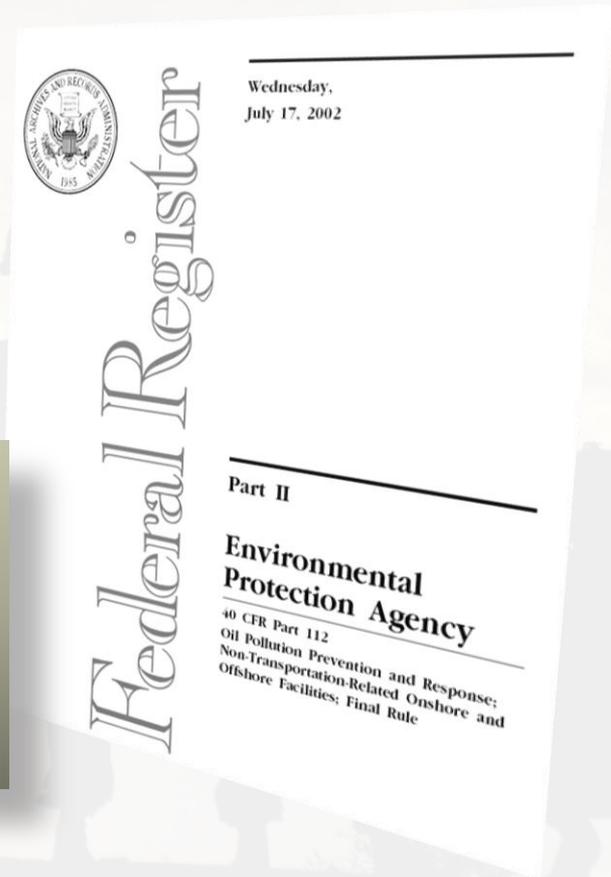
**It's the
law!**



40 CFR 112

Requires measures to prevent oil spills from reaching navigable waters of the United States

- SPCCP
- FRP
- Annual Training
- BMP



Inspections

Overview (Annually)

• Underground Storage Tanks (UST)	296
• Heating Oil Tanks (HOT)	196
• Aboveground Storage Tanks (AST)	2532
• Spill prevention (SPCC)	680
• Cooking Oil	120
• Stormwater (release)	319
• Courtesy (construction sites, etc)	172
• Total	4315

Contractors

 Contractor Site Specific Spill Contingency Plan			
Contractor Name		Contract Number	
General Description	Location	Start Date	
Primary Person (Required)			
Name/Title	Primary Phone	Secondary Phone	
Address	City	State	Zip Code
Secondary Person (Required)			
Name/Title	Primary Phone	Secondary Phone	
Address	City	State	Zip Code
Primary Contractor Information (Required if subcontractor)			
Name/Title	Home Phone	Work Phone	
Address	City	State	Zip Code
Hazardous Material and Quantity (If not applicable, write "N/A")			
1	Substance	Quantity	Location
2	Substance	Quantity	Location
3	Substance	Quantity	Location
4	Substance	Quantity	Location
5	Substance	Quantity	Location
Material Safety Data Sheet(s) (Required)			
Material Safety Data Sheet(s) are readily available in the following locations:		Location	
Aboveground Storage Tank(s) (Required)			
Will aboveground tank(s) be onsite?	<input type="checkbox"/> Yes <input type="checkbox"/> No	if yes, contact the following to schedule mandatory monthly compliance inspections.	Russell Godsave, SPCC/Storage Tank Program Manager (270) 798-9637, Russ.Godsave@us.army.mil

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While doing work at Fort Campbell, all contractors must adhere to the Fort Campbell SPCCP.

The Contractor Site Specific Contingency Plan is a required form that must be completed and maintained onsite.

Fort Campbell Environmental Division must approve the form.

Field Training Exercise

Unit personnel deploying to the field must be briefed on field spill planning prior to deployment by the Responsible Persons or designee. The briefing will include procedures, type of terrain, materials that have spill potential, and spill equipment and its location.

This form must be completed and submitted to the SPCC/Storage Tank program for approval prior to the field training exercise.

Fort Campbell Field Training Exercise Spill Plan

This form is required only for units performing fueling operations during field training exercises (Containers or vessels storing 55 gallons of POL or more)

1. Unit: _____
2. General description of fuel related field training exercises to be performed:

3. Dates of field training exercise activities: _____
4. Description of location of field training exercise activities: _____

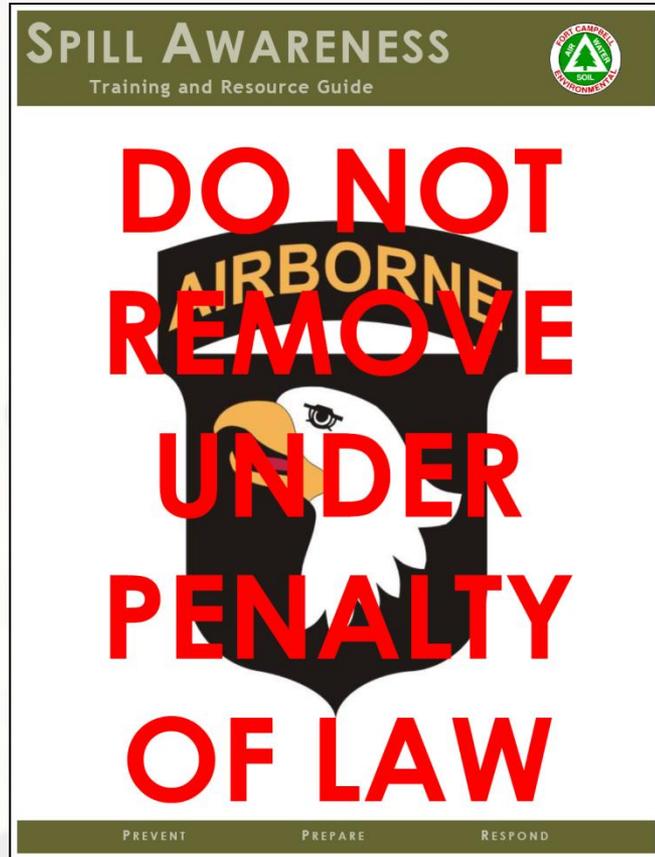
5. Primary Responsible Person:
A. Name: _____
B. Title: _____
C. Work Phone: _____
D. Cell Phone: _____
6. Alternate Responsible Person:
A. Name: _____
B. Title: _____
C. Work Phone: _____
D. Cell Phone: _____
7. List POL products in vessels/containers greater than or equal to 55 gallons to be included in the field training exercise:

Quantity of Vessel/Container	Type of Vessel/Container (drum, TPU, M978, bladder)	Size of Vessel/Container (gallons)	POL Product

Spill Book

TABLE OF CONTENTS

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Oil Handling Personnel
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Additional Guidance



Spill Book

Activities storing or using Petroleum, Oil, and Lubricant (POL) products in quantities *equal to or greater than 55 gallons in a single container* are responsible for implementing spill prevention procedures and assuring that operating personnel receive the appropriate training.

SPILL AWARENESS

Training and Resource Guide



Environmental Division Building 2182 131/2 Street Fort Campbell, Kentucky 42223-5130
Wayne Lee SPCC/Storage Tank Program Manager 270.798.9641 wayne.lee2@us.army.mil

Responsible Persons Contact Information

As part of the site specific best management practice, it is required to have the following contact information available in the event of a discharge. Primary, alternate, and second alternate contact information must be answered completely.

In addition to contacting emergency dispatch (911) or range control (798-3001), responsible persons must be contacted.

Primary Contact

Name:

Work Phone:

Rank:

Home Phone:

Alternate Contact

Name:

Work Phone:

Rank:

Home Phone:

Second Alternate Contact

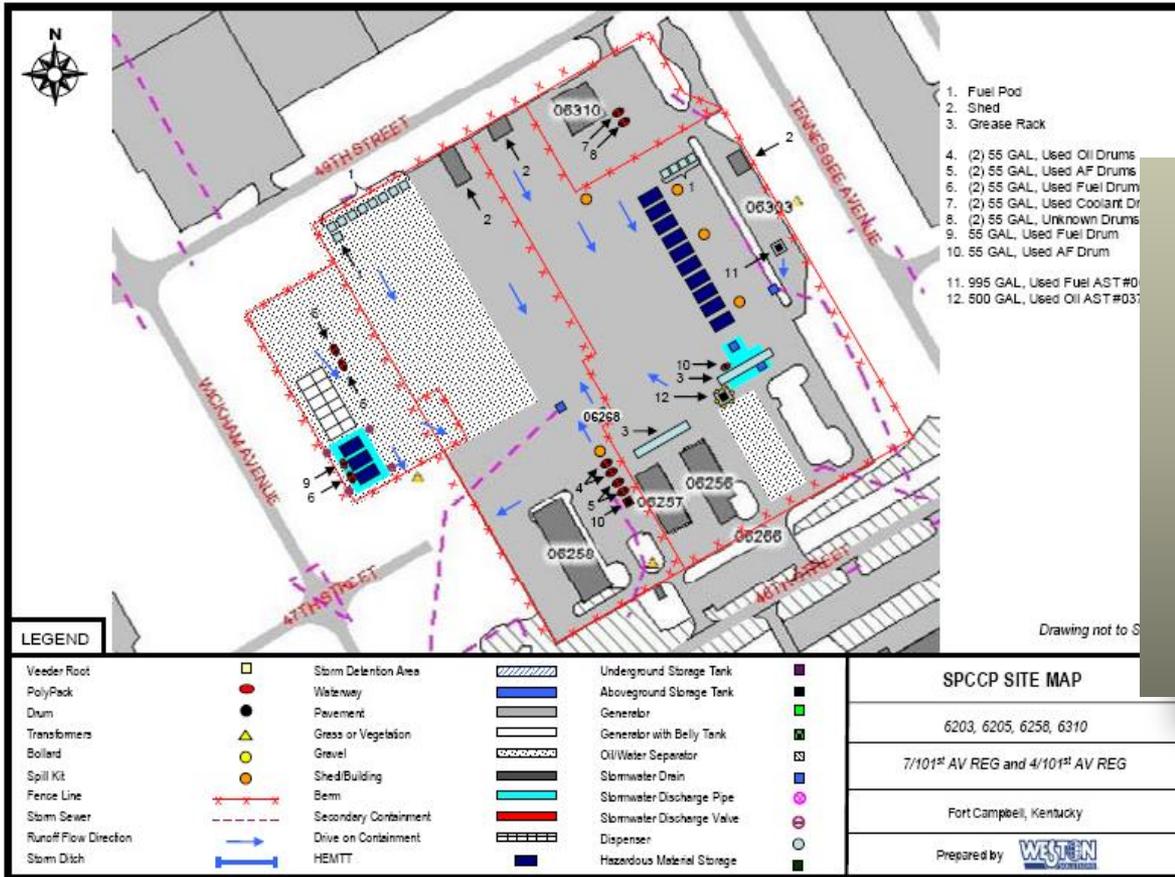
Name:

Work Phone:

Rank:

Home Phone:

Spill Book



1. Fuel Pod
2. Shed
3. Grease Rack
4. (2) 55 GAL, Used Oil Drums
5. (2) 55 GAL, Used AF Drums
6. (2) 55 GAL, Used Fuel Drum
7. (2) 55 GAL, Used Coolant Dr
8. (2) 55 GAL, Unknown Drums
9. 55 GAL, Used Fuel Drum
10. 55 GAL, Used AF Drum
11. 995 GAL, Used Fuel AST#0
12. 500 GAL, Used Oil AST#03

The purpose of the Spill Awareness Training and Resource Guide is to provide specialized information to *site specific* personnel.

Oil Handling Personnel



Any installation personnel responsible for transferring, transporting, or handling POL products in bulk quantities *equal to or greater than 55 gallons*

Training must be conducted annually and records maintained for three years.



Prevent

Prepare

Respond

Prevention

Plan for emergencies
Train annually
Have safety talks
Perform preventative maintenance checks
Inspect equipment
Know and follow procedures
Use secondary containment
Check and use spill kits

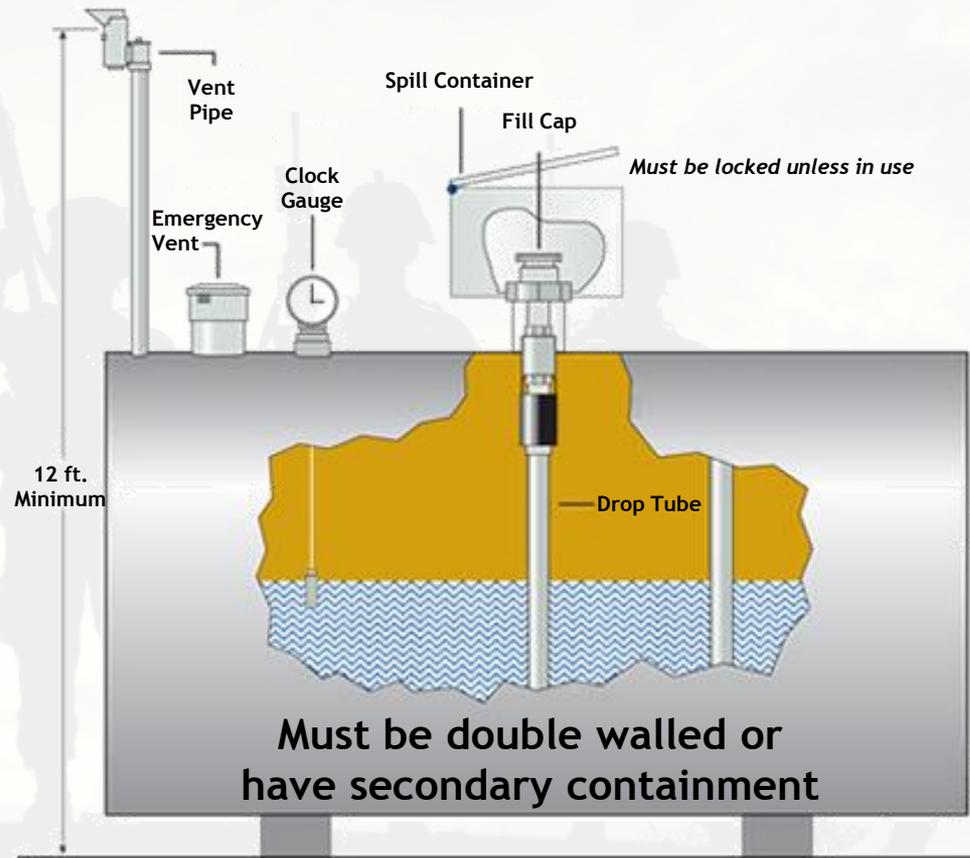
Q. When a HEMTT is purged, what happens to the residual fluid left in the tank during the winter?

A. There is approximately 60 gallons of residual fluid which freezes causing the pipes to burst.

Prevention

All aboveground storage tanks at Fort Campbell must have the following components to be in compliance with 40 CFR 112.

This includes temporary tanks at construction sites.



Spill Kits

Fuel Carrying Vehicles (HEMTT, 5K Tanker, TPU):

- (1) - 30 GAL spill kit located on each vehicle
- (1) - 55 GAL spill kit per 3 vehicles on group

*For assistance ordering
spill kits contact the
following:
Pollution Prevention
Operations Center
798-9076*



55 Gallon Spill Kit

Spill Kits

Motor Pool

- (3) - 30 GAL spill kit per 1 building
- (1) - 55 GAL spill kit per 1 building

Hangar

- (1) - 30 GAL spill kit per 1 building
- (4) - 55 GAL spill kit per 1 building

Flight Line

- (1) - 30 GAL spill kit per 3 aircraft

Bulk Fueling

- (1) - 55 GAL spill kit per off-load rack

AFFES/Troop Mall

- (2) - 30 GAL spill kit per 1 building



30 Gallon Spill Kit

Spill kits should be highly visible, clearly labeled, and located in or near potential spill areas.

Containment Units

Include drive on containment (DOC), berms, and other physical structures which prevent the release of POL products into the environment. Most secondary containment units have release valves for stormwater.



Do not discharge stormwater from containment units. This is regulated and must be inspected by the Environmental Division.



Containment Units

Problems with secondary containment units



Prevent

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Cooking Oil

Cooking oil will be disposed in cooking oil/grease containers. Use caution when transferring cooking oil/grease into containers. This is the most vulnerable time for spills.

Do not pour cooking oil/grease into the sink, sanitary sewer, or stormwater drain.



During field operations, cooking oil will be returned to the unit's dining facility. Do not pour cooking oil/grease on the ground.

Is this reportable?



Prevent

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Respond

Reporting Procedure

WHEN TO CALL

- Greater than 10 gallons
- Greater than 3 feet squared
- Enters any water source including:
 - lakes
 - rivers
 - streams
 - ponds
 - retention areas
 - groundwater
 - stormwater drain

*One gallon of oil
can contaminate
1 million gallons
of water.*

Reporting Procedure

WHO TO CALL

Fort Campbell Emergency Dispatch	911
Range Control (If in Training Area)	798.3001
SPCC/Storage Tank Program	798.9637/9601

Fort Campbell Environmental Division is responsible for coordinating spills with federal, state, and local authorities.

Reporting Procedure

WHAT TO REPORT

- Location and address of release
- Name and phone number of POC
- Date and time of the release
- Type and quantity of substance
- Cause and source of release
- Estimated quantity that entered any water source

SPILL REPORTING PROCEDURES



PREVENT

PREPARE

RESPOND

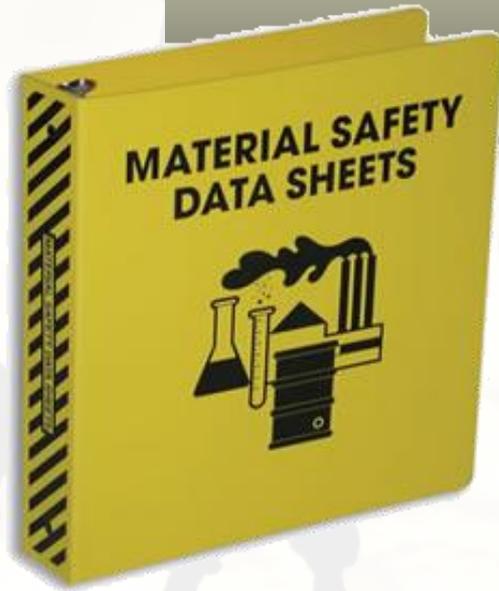
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Self Cleanup

Label all containers before spill occurs
Review MSDS (section 6)
Review spill procedures



*Testing unlabeled spills
can cost \$3000 and take
14 days for results.*

Exceptions

Mercury - Industrial Hygiene Personnel must monitor air quality. A specialized vacuum is used to contain the mercury. In the event of a mercury spill, evacuate area and follow spill reporting procedure.

Bio-hazards - Blood and other bodily fluids contain hazards which should be coordinated with Industrial Hygiene Personnel.

Correct Spill Response



Prevent

Prepare

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Spill Procedure

1. BE PREPARED

- Know response material locations
- Know response procedures

2. BE SAFE

- Identify spilled substance / Read MSDS
- Use personal protective equipment

3. STOP THE SOURCE

- Plug, roll, or right drums
- Use emergency shut-off devices

4. PROTECT WATER

- Confine the spill with sandbags or booms
- Block access to stormwater grates

4. Protect Water



Spill Procedure

8. Restock



5. NOTIFY

- Tell your supervisor
- Call Environmental Division or 911

6. CLEAN UP

- Neutralize hazardous substances
- Pump or sweep into a safe container

7. DISPOSE

- Label contents
- Call PPOC for proper disposal

8. RESTOCK AND REVIEW

- Replace materials and equipment
- Review the incident for lessons learned

Should this happen?



Prevent

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Respond

Conclusion

Prevent

- Plan for emergencies
- Inspect equipment
- Use secondary containment
- Maintain tank compliance
- Follow operating procedures
- Have safety talks

Prepare

- Know the laws
- Complete required documents
- Complete training annually
- Acquire spill response materials
- Review MSDS
- Know procedures

Respond

- Follow spill reporting procedure
- Follow spill response procedure

Contact Us

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<http://www.campbell.army.mil/envdiv>

Questions