

**FIRING/NONFIRING DATA**

*For use of this form see USAIC Regulation 350-19; the proponent agency is DPTMS*

TO: Chief,  
Range Division,  
Directorate of Plans, Training, Mobilization and Security  
Fort Benning, GA 31905

Date: 3 May 2012  
Range: Malone 18  
Title: Rifle Marksmanship, Alt Firing Positions(Stand/kneeling/Prone)  
Problem No:

Log# 2-12-12

THRU: DPTMS, Range Division  
Fort Benning, GA. 31905

FROM: Survey, Range Operations  
Fort Benning, GA. 31905

**SECTION I, TYPE OF TRAINING**

a. Live Fire       b. Non-live Fire      CP/Controller Coordinates: GA 0629 9199 (Range Tower)

**SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS**

Coordinates	Type	Model/DODAC	Size of Charges
N/A			

**SECTION III, WEAPONS/AMMUNITION REQUESTED**

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
FP1 - FP9 GA06339188 to GA06189207	M16/M4/MK16	5.56mm Ball	3994 mils	4404 mils
Same as above	PEQ2/PAC4/M68/NVG's/PVS14/PVS 7D (Eye Safe)	Laser Aiming Devices	N/A	N/A

**SECTION IV, LIVE FIRE EXERCISES Attach the following:**

**SECTION V, NON-LIVE FIRE TRAINING**

<input checked="" type="checkbox"/> Scenario of training to be conducted:	Training area(s) to be occupied:
<input checked="" type="checkbox"/> Sketch of area:	
<input checked="" type="checkbox"/> Risk Assessment:	
<input type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:	
<input type="checkbox"/> Scenario of training to be conducted:	
<input type="checkbox"/> Sketch of area(s) to be occupied:	
<input type="checkbox"/> Risk Assessment:	

Name/rank of requesting officer:  
Benjamin T. Bolding, GS08, Chief, Survey Technician

Name/rank of Major Unit S3/Commander:  
Brad Tesch, GS12, Chief, Range Operations

*Benjamin T. Bolding*

**SECTION VI, FOR RANGE DIVISION USE**

DATE: **22 MAY 12**

TO: Operations, Range Division  
Fort Benning, GA. 31905

FROM: Range Division,  
Directorate of Plans, Training,  
Mobilization and Security  
Fort Benning, GA 31905

a. Roadblocks to be closed:	M1, M2, M3, M5, M7, M9
b. Road(s) to be closed/road barrier locations:	
c. Remarks:	Class III A lasers are not eye safe on dual low mode within 25 meters. Laser Warning Signs will be in place prior to opening range. Range safety Briefing will include hazards using Lasers and NVD's.
d. This approval expires:	<i>Indef</i>

Chief, Range Division  
Directorate of Plans, Training, Mobilization and Security

*Brad S. Tesch*



DEPARTMENT OF THE ARMY  
INSTALLATION MANAGEMENT COMMAND  
SOUTHEAST REGION, GARRISON COMMAND  
35 RIDGEWAY LOOP, ROOM 385  
FORT BENNING, GEORGIA 31905

REPLY TO  
ATTENTION OF

IMSE-BEN-PL

21 May, 2012

MEMORANDUM FOR Director, Plans, Training, Mobilization and Security, U.S. ARMY GARRISON, Fort Benning, Georgia 31905

SUBJECT: Rifle Marksmanship, Alternate Firing Positions (Standing, Kneeling, and Prone) on Malone 18 range.

1. **Purpose:**

The purpose of this memorandum is to outline the training concept and scenario for Marksmanship training on Malone 18 range using live ammunition (See Sketch). The training will familiarize Soldier's on firing techniques relative to combat conditions in the contemporary operating environment, firing realistic training scenarios from existing firing points and targets arrays with live munitions. During the execution of training, Soldiers will train on the following task.

- Rifle Marksmanship, Field Fire, Alternate Firing Positions (Standing, Kneeling, and Prone)

2. **Concept:**

- a. **FIELD FIRE, ALTERNATE FIRING POSITIONS, ARM 3, ARM 3N (Night)**: Soldiers will train and fire under controlled conditions at all times. Soldiers will familiarize with the Close Combat Optic (CCO), Infrared Laser Device (PAQ 2, 4, 15), and NVG's (ANPVS14), to engage targets during the day and night. During the day portion of the training, a tower official gives all firing commands. During the night portion, a firing point official gives firing commands with the tower official acting as overall safety. Soldiers will fire from fixed firing points in the prone supported, prone unsupported and kneeling firing positions. The Soldiers are instructed when to load their weapons, and when to engage targets. At the conclusion of the exercise, the Soldiers will lock and clear their weapons, move to the clearing barrels, and exit the firing line. All downrange feedback will be given from the tower.

3. **Scenario:**

a. **Pre-Live fire:**

1. Using unit detail arrives prior to main body.
2. Detail conducts range set up in preparation of the arrival of the main body.
3. Main body arrives and organizes in staging area (Bleachers).
4. Soldiers are given a range orientation/safety brief (Bleachers).

b. **Sequence of Training:**

1. Units will break Soldiers down into firing orders.
2. Soldiers will file to the ammunition point and draw magazines of ammunition.
3. Soldiers will move to the base of the tower to enter the range and move to their assigned firing point. (Soldiers will be rodded onto the range. (See Paragraph #11 Weapons Clearing Procedures)

4. Units will use the center foxhole or can be to the left or right of the foxhole. There will only be one shooter per firing point.

c. **Post live fire training:**

1. Soldiers will receive feedback/score and retraining as necessary.
2. All Soldiers, weapons, ammunition and dunnage will be accounted for prior to the departure from the training area.

4. **Safety Measures**

- a. All Soldiers will have the appropriate safety equipment on (eye/ear protection, body armor, and helmets as designated by Commander) prior to firing on the range.
- b. All live ammo will be kept at the Ammunition Supply Point (ASP) and under guard at all times at all times.
- c. All Soldiers will receive in a safety briefing/orientation on the scenario and a demonstration on the proper engagement techniques.
- d. Prior to firing, cadre will conduct weapon and ammo inspection to ensure no unauthorized munitions are being used.
- e. A Combat Lifesaver with a designated covered vehicle will be on site at all times.
- f. The OIC will monitor Range Control net at all times during execution of training and will request opening/closing codes.
- g. Soldiers will be briefed on cease-fire procedures during the range in-brief. Additionally cadre will relay any/all cease fire signals applicable if they witness an unsafe act.
- h. RSO will have his RSO card present and only perform duties as the Range Safety Officer.
- i. Laser warning signs will be posted on the range prior to the use of Lasers.
- j. All Soldiers will be briefed on the procedure when finding unexploded munitions (duds) on the range.
- k. Laser hazards will be included in safety briefing.
- l. **No one moves downrange at any time.**

5. **Incident:** When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately call a cease fire and report it to Range Control and the using unit's higher headquarters. OIC/RSO will take action as directed by Range Control. The cease fire will remain in effect until the problem is resolved and cleared through Range Control. If the incident results in an injury, the OIC/RSO will use the procedures outlined in the medical paragraph. The following information will be furnished by the OIC/RSO to Range Control:

- a. Designation of unit.
- b. Range and location
- c. Type of weapon involved.
- d. Type of ammunition involved.
- e. Brief summary of what happened.
- f. Personnel injuries and extent.
- g. Full Name, SS#, Rank and unit of injured personnel.
- h. Extent of property damage.
- I. Intentions regarding an AR 15-6 investigation.

6. Unit will maintain continuous contact with Range Control at all times. If communications are lost the unit will go into a self induced check fire until communications are restored.

7. **Medical:** In the event of an accident, injury or illness, the OIC/RSO will immediately call a cease fire then call 911 using the standard 9 Line MEDEVAC to determine what type of evacuation is the most appropriate for the injury (loss of life, limb or eyesight). MEDEVAC will be IAW MCoE Regulation 350-19 and USAIC 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Range Control will be notified in this event. The cease fire will remain in effect until cleared through Range Control.

8. **Weapons/Ammunition Malfunction Reports:** When a malfunction is experienced, the OIC or Range Safety Officer will suspend all firing and immediately notify Range Control. Retain the weapons and all components and ammunition involved in place. An investigation is required and will be conducted by DOL.

9. **Units must have an Approved RMWS signed off by Post Safety prior to use of this range and on file at Range Operations (Survey Section).**

10. **There will be no deviations to this packet without prior approval from Range Operations.**

11. **Weapons Clearing Procedures:**

- 1) All Soldiers will have their rifles rodded with a cleaning rod or similar device before entering live fire ranges and proceeding to their firing positions by qualified range safety.
- 2) Upon completion of Soldier's firing exercise and before leaving the firing position the Soldier will have his weapon visually inspected/cleared by a qualified range safety. This person cannot be a Soldier in a training status.
- 3) The Soldier will then proceed off the firing line to the clearing barrel where he will dry fire his weapon IAW published procedures.
- 4) Before exiting the range, the Soldier will then have his weapon rodded with cleaning rod or similar device by a qualified range safety.
- 5) Once off the range Soldiers will be contained in a small assembly area where a full ammunition and brass check will be conducted by the Range Safety Officer before being released back with the remainder of the Soldiers on the range.

12. POC for this exercise is the undersigned at 544-6267.



BRAD S. TESCH  
GS12, Chief of Range Operations  
Range Division

Malone 18



**Malone 18 Log# 2-12-12 Roadblocks, 21 Feb 2012**

#	GRID	LOCATION	TYPE
M-1	009 910	Across Steam Mill Rd 10m E of its intersection with Wildcat Rd.	Gate
M-2	019 938	Across Massey Rd 10 meters S. of its intersection with Buena Vista Rd.	Gate
M-3	046 892	Across Stenay Rd 30m N. of its intersection with 2nd Armored Division Rd.	Gate
M-4	046 935	Across Red Arrow Rd 30m S. of its intersection with Buena Vista Rd.	Gate
M-5	045 933	Across unnamed trail 220m SW of its intersection with Red Arrow Rd.	Gate
M-6	058 927	Across Red Arrow Rd 30m W. of its intersection with Midwest Rd.	Gate
M-7	052 923	Across Steam Mill Rd 400m S. of its intersection with Red Arrow Rd.	Gate
M-8	021 891	Across unnamed trail on S side of 2nd Armored Div Rd 110m E of entrance to Malone 2.	Gate
M-9	032 937	Across unnamed trail on S side of Buena Vista Rd 200m E. of entrance to Young Range.	Gate
M-10	059 926	Entrance to Borrow Pit on Red Arrow Rd. 50m SE of M-6 Roadblock	Gate



## RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



**EMD Number:** 1123018

**Project#:** M9875, M9878, M9956, M6706, M6480

**Project Title:** Basic Marksmanship (FY12)

**Description of proposed action:**

Allotted rounds per soldier per range: Malone 2-108rds of 5.56 ball, Malone 7-40rds of 5.56 ball, Malone 9-18rds of 5.56 ball, and Malone 11-27rds of 5.56 ball. Malone 14-40rds of 5.56 ball, Malone 18-50rds of 5.56 ball for aim period of instruction the following allotted rounds per soldier apply: aims 1-58rds of 5.56 ball, aims 2-41rds of 5.56 ball aims 3-110rds of 5.56 ball, aims 4-44rds of 5.56 ball and aims 5.56rds of 5.56 ball ammunition. Aims period of instruction can be scheduled on Malone 14, Malone 15, Malone 16, Malone 17, and Malone 18.

**Project Location:**

Malone 15, Malone 16, Malone 17, **Malone 18**, McAndrews

**Amount, Description, Location of Disturbance/Digging:**

None

**Number/Types of Vehicles:**

None

**Number of Personnel:**

Approx 600 soldiers per week

**Type of Ammunition:**

5.56MM ball, 5.56MM tracer Live

**Number/Types of Trees:**

None

**Size of Project Area:**

**Duration of Action:** Start: 10/1/2011

Stop: 9/30/2012

**Proponent:** stacey.ballesteros 706-545-5677

**Organization/Unit:** Range Division

**DECISION:** Concur with conditions

This Action is adequately covered in the Existing EA titled: 'Ongoing Mission and Siting Activities, USAIC, FT. Benning, GA.'

(NA): Training involving LIVE FIRE and tracked vehicles has NO CATEX -- "Ongoing Mission and Siting Activities, USAIC, Ft. Benning, GA."

**REC APPROVED FROM 1 OCTOBER, 2011 THROUGH 30 SEPTEMBER, 2012**

**Natural Resources - RCW**

**Conditions:**

Michael Barron (706 544 7080), 8/19/2011

Concur with conditions. See attached conditions. Note locations of red-cockaded woodpeckers (RCW) on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s).

Concur with conditions. See attached conditions. Note locations of red-cockaded woodpeckers on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s). Units may fire on existing ranges but must make every effort to contain their firing to the established range footprints. Targets may not be moved from their current positions nor may new targets be established without approval via a separate 144R and a site visit with this office.

**EMD Number:** 1123018

**IJO#** M9875, M9878,  
M9956, M6706,  
M6480

**Project Title:** Basic Marksmanship (FY12)

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**CWA - Training**

**Conditions:**

**Jesse Taylor (706 545 0276), 8/30/2011**

Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from this activity that may occur before and/or during the FTX include: 1. Discharge and/or improperly disposal of oil or hazardous substances into or upon land, water, or into ground water areas from storage, handling and/or transportation of hazardous materials/waste; 2. Vehicle/equipment/generators leaks; 3. Fuel loading/unloading/refueling operations; 4. Field mess facilities/equipment/operations, and/or 5. Ammunitions /explosives (as applicable, before and/or during the FTX).

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Figure 6.9.1) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

SPECIAL NOTE: See 2010 ASP SOP Training and Deployment.doc for further training requirements.

**Hazardous Materials/Waste**

**Conditions:**

**Dudley Carson (706 545 7570), 8/26/2011**

Considerations for Field Training Exercises and Range Operations

1. Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.
2. Ensure personnel know the correct procedure for handling misfires at the range:
  - Closed containers (ammunition can marked 'MISFIRES') will be used for the collection of misfires at each firing range.
  - The MISFIRE container will stay closed except to add or remove misfires.
  - Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.All excess, unused munitions (including smoke canisters) must be returned to the Ammunition Supply Point (ASP) after the range operation is complete. Defective, misfired, or otherwise unserviceable munitions may be destroyed on the range, as part of the training exercise, in coordination with EOD. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg 350-19, dated 23 July 2010.
3. Rubbish, empty containers and other waste shall be removed from the training area after the exercise. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise.
4. Contact POC for questions or additional guidance.

**EMD Number:** 1123018

**IJO#** M9875, M9878,  
M9956, M6706,  
M6480

**Project Title:** Basic Marksmanship (FY12)

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**Noise** **Conditions:** **Ellis Leeder (706 545 7576), 8/22/2011** \*\*\*\*\*

This is normal training operations that must be conducted. If there are any noise complaints received, the Environmental Management Division IONMP and or POA programs will investigate by determining if the noise was detected by noise detection monitors, and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding no fly zones. Please follow good smoke management practices not allowing smoke to travel off Installation boundary. If any assistance or a copy of MCoE Regulation 350-19 is needed please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.leeder@us.army.mil

Signature 

John E Brown  
NEPA Program Manager

Date 01 Sep 2011

Signature 

Christopher E. Hamilton, PhD  
EPMB Chief

Date 1 Sep 11

## RECORD OF ENVIRONMENTAL CONSIDERATION (FB FORM 144R) CONTINUED....

RECORD NUMBER: 1123018

1. There is one Red-cockaded Woodpecker (RCW) cluster located at Malone 16 and in the area between Malone 16 and 17 at centerpoint GL 06382-90868. There is 1 RCW cluster located near Malone 18 at centerpoint GL 05800-92330. Two white bands mark cavity (nest) trees. The trees in the area of Malone 16 are roped off and there are signs placed on poles to designate the restricted area. In addition, the restricted area between the ranges is marked with signs that extend approximately 200 feet from the cavity trees. Troops should not enter the roped off areas. The following restrictions apply to the signed area (boundary):

a. **Activities in cluster boundaries are limited to 2 hours with the following activities allowed:** Hasty defense-light infantry-hand digging, foot traffic, wheeled-vehicle traffic (must stay 50 feet from marked trees), vehicle maintenance, 7.62-mm and lower blank firing, artillery/hand grenade simulators, Hoffinan type devices, smoke/haze operations-generators or pots (smoke can drift into, but source must be outside boundary), star cluster/parachute flare, cutting of hardwoods for camouflage (do not cut pines).

b. **The following activities are not allowed in the cluster boundary:** No other digging, establishment of command post, assembly area operations, established CS/CSS sites, live fire, noise generators, incendiary devices (including trip flares), CS/Riot gas, HC smoke, tank ditches, deliberate individual fighting positions, crew served fighting positions, vehicle fighting positions, force reduction positions, vehicle survivability postings.

c. Within ½ mile of a cluster, there is no mechanical digging within 20 feet of a mature pine tree (8 inches diameter at breast height or greater).

2. Report all wildfires to Range Control ASAP.

MICHAEL G. BARRON  
Wildlife Biologist, CB  
544-7080/7319



red-cockaded  
woodpecker

Malone 18

TRAINING ACTIVITY WITHIN 200' BUFFER ZONE	
Maneuver and Bivouac:	
Hasty defense, Light Infantry, Hand digging only, 2 hrs max	yes
Foot Transit	yes
Wheel/Track Vehicle Transit	yes (1)
Cutting Hardwood Camouflage	yes
Vehicle Maintenance, 2 hrs max	yes
Hasty defense, Mechanized Infantry/Armor	no
Deliberate Defense, Light Infantry	no
Deliberate Defense, Mechanized Infantry/Armor	no
Established Command Post, Light Infantry	no
Assembly Area Operations, Light Infantry, Mech Infantry/Armor	no
Established CS/CSS Sites	no
Weapons Firing:	
7.62mm and Below Blank Firing	yes
.50 Cal Blank Firing	yes
Artillery Firing Position	no
MLRS Firing Position	no
All Others	no
Noise:	
Artillery/Hand Grenade Simulators	yes
Hoffman Type Devices	yes
Generators	no
Pyrotechnics/Smoke:	
Smoke, Haze Operations, Generators or Pots	yes (2)
Smoke Grenades	yes
Star Cluster/Parachute Flares	yes
Incendiary Device to Include Trip Flares	no
CS/Riot Gas	no
HC smoke of Any Type	no
Digging:	
Hasty Individual Fighting Positions, Hand Digging Only	yes
Tank Ditches	no
Deliberate Individual Fighting Positions	no
Crew-served Weapons Fighting Positions	no
Vehicle Fighting Positions	no
other survivability/Force Reduction positions	no
Vehicle Survivability Postings	no

Note: Yes means that the activity may be conducted within 200 feet of a marked cavity tree

- (1) Vehicles (wheel and track) will not get closer than 50 feet of a marked cavity tree unless on an existing road or trail
- (2) Smoke generators and smoke pots will not be set up within 200 feet of a marked cavity tree, but the smoke may drift inside the 200 foot buffer

- **HOW to PLAN** and be ready to respond to a problem;
- **HOW to REACT** to a minor, intermediate or major spill; and
- **WHAT** to do after a spill occurs.

## Planning

### MINOR SPILLS

- When on the move, keep some plastic bags in your vehicle, and have your assigned On-Vehicle Equipment (OVE) ready for use.
- Maintain supplies, rags, absorbent pads, or other kinds of materials that will soak up spills on hard surfaces (like Dry Sweep), or know where you can easily obtain them.
- Keep Personal Protective Equipment (PPE) accessible (gloves, goggles, etc.).

### INTERMEDIATE & MAJOR SPILLS

In addition to the procedures above:

- Know where to go for help.
- Know where spill kits are kept and learn how to use them.

## Prevention

Vehicle Maintenance and Fueling Points, Hazardous Waste Collection Points and hazardous material Storage & Supply Areas may not be set up at your deployment destination. So PLAN to build your areas to prevent hazardous material accidents before they occur. Remember the following:

HAZARDOUS MATERIAL/HAZARDOUS WASTE AREA LOCATION - Locate hazardous material/hazardous waste areas away from living areas, bunkers, ammunition storage, fence lines and/or dining facilities. Place them near the areas where hazardous material are used.

MATERIAL SAFETY DATA SHEET (MSDS) - Keep MSDSs for each hazardous material stored or collected at hazardous material/hazardous waste areas.

UNIT/ACTIVITY ENVIRONMENTAL SOP & SPILL RESPONSE PLAN - Place SOP and Spill Response Plan at each hazardous material/hazardous waste area.

COMPATIBILITY OF MATERIALS - Store and/or dispose of each class of hazardous material/hazardous waste separately. MSDSs describe the classification of HMs. Four common classification include the following: Flammable (fuels), Corrosives (acids), Reactive (explosives), and Toxic (insecticides).

BEFORE you deploy, plan to pack drip pans, rags, plastic, Dry Sweep, absorbent, and spill pallets to prevent drips, spills, and leaks from seeping into the ground and contaminating soil and water resources.

SECONDARY CONTAINMENT - All liquid hazardous material/hazardous waste must have secondary containment. In order for it to be effective it must:

1. Hold 10% of the total hazardous material/hazardous waste stored or 100% of the largest container.
2. Have sand and/or pallets placed in certain areas to protect the liner.
3. Have overhead cover.

You should continually keep your hazardous material/hazardous waste areas clean and orderly by applying the principals of Monitoring and Housekeeping. An easy way to remember what to check, is

**In any spill situation:**

1. **Safety First!** -- Protect yourself by using PPE, including goggles, gloves, and suits. THEN...
2. **Do the SPILL DRILL -- REACT:**

**REMOVE THE SOURCE:** Plug the drip or leak and stop the spill.

**ENVELOP THE SPILL:** Place absorbent booms around the spill area, or build an earthen dam, when appropriate, around the spill.

**ABSORB/ACCUMULATE:** Place appropriate absorbent material (Dry Sweep, pads, etc.) on the spill in the middle of the boomed-off area.

**CONTAINERIZE THE HAZARDOUS WASTE:** Use a shovel to place contaminated materials (including soil, booms, pads or other materials) in a plastic bag or a waste drum.

**TRANSMIT A REPORT:** If a spill is too large to handle alone, - REACT as best you can and get help!

See Appendix D of the ASP for specific REACT actions for spills involving:

- **Minor Spills** (20 gallons or less);
- **Intermediate Spills** (from 21-55 gallons); and
- **Major Spills** (more than 55 gallons), or any spill into water, where injuries occurred or where spills occurred off Fort Benning associated property.

In addition:

- Prevent hazardous material from entering storm sewers and waterways;
- Minimize impacts to vegetation and wildlife; and
- Notify proper personnel and maintain record of spill event.

**Acronyms are defined in the ASP Table of Content**

<b>Summary Spill Kit and Response Material Checklist</b>	
<b>Spill Kits and Response Material</b>	<b>Primary Contents</b>
<p>Spill kits should be maintained in and around all locations where hazardous material and hazardous waste are stored, handled, or disposed.</p> <p>The contents of a spill kit will vary depending on the hazardous materials and their characteristics.</p> <p>Hazardous materials other than POL will require spill kits to meet their specific requirements, (i.e., acid spill kit for Battery Shop that handles lead acid batteries).</p>	<p><b>Spill kits should include as a minimum:</b></p> <ul style="list-style-type: none"> <li>✓ Rubber gloves,</li> <li>✓ Safety goggles,</li> <li>✓ Putty, rubber mallet,</li> <li>✓ Wooden plugs,</li> <li>✓ Absorbent booms,</li> <li>✓ Absorbent pads,</li> <li>✓ Plastic bags, and</li> <li>✓ In some cases, a disposal barrel.</li> </ul>
<p>The Unit/Activity must check the material's MSDS for specific information on PPE and spill supplies.</p>	<p>Units/activities transporting hazardous materials should also plan for having a minimum amount of response materials on hand.</p> <ul style="list-style-type: none"> <li>✓ Various types of kits can be ordered through the U.S Army Supply System (through the Units supply or S-4 shop);</li> <li>✓ The Unit/Activity must assess their hazardous material inventory and plan to have enough spill response material to respond to the larger container within their facility and the minimum for any specific hazardous material that require specific spill materials or PPE; and</li> <li>✓ Whenever the Unit gets to this minimum level, the user should initiate a reorder to the supply NCO or S-4 to maintain the minimum amount on-hand.</li> </ul>

Acronyms are defined in the ASP Table of Contents

- ✓ **Hazardous Materials other than POL will require spill kits to meet their specific requirements. The Unit/Activity should check the MSDS for the materials that they transport and have appropriate amount for those particular materials.**

## FORT BENNING ENVIRONMENTAL REGULATIONS SUMMARY

**RED-COCKADED WOODPECKER (RCW):** Cavity trees are identified by two white bands. Cluster boundaries extend 200 feet around each cavity tree, and are delineated by diamond-shaped signs. **WITHIN a cluster:**

- Personnel **MAY NOT** stay for more than 2 hours; **NO BIVOUACS.**
- The only digging allowed is **BY HAND** for hasty defense light infantry fighting positions. **ALL** other digging is prohibited.
- Within one half mile of a cluster, **NO MECHANICAL DIGGING** may be done within 20 feet of any mature pine tree (8 inch diameter or greater).
- Off-road vehicles **MAY NOT** come within 50' of any cavity tree.
- Use only .50cal and 7.62mm (or smaller) blank ammo; **NO LIVE FIRE.**
- CS gas, HC smoke, and noise generators **MAY NOT** be used.
- Incendiary devices (including trip flares) **MAY NOT** be used.
- Only hardwood may be cut for camouflage; **CUT NO PINE.**

**GOPHER TORTOISE:** Inhabits burrows in high sandy areas. Some burrows are marked by white 1" PVC pipe topped with reflective tape. Digging and vehicular traffic must be kept more than 50 feet away from burrows.

-----**CUT HERE**-----

### ENVIRONMENTAL INCIDENT REPORT FORM

For your protection, company commanders are asked to document any environmental incidents by completing this card and forwarding it to the Chief, Environmental Management Division, Building 6, Room 307, or call 545-2180, within 24 hours of incident. Check off incident and take corrective actions.

- \_\_\_ bivouacking in RCW cluster (Relocate bivouac site.)
- \_\_\_ off-road driving / parking within 50' of RCW cavity tree (Relocate.)
- \_\_\_ digging in RCW cluster [except individual hasty fighting positions] (Refill holes.)
- \_\_\_ scarring or felling of trees in RCW cluster (Contact EMD Conservation Branch through Range Control.)
- \_\_\_ digging or driving in Sensitive Area (Relocate, **DO NOT** refill holes.)
- \_\_\_ wildfire started (Begin suppression and contact Range Control.)
- \_\_\_ POL spill greater than 20 gallons on land or any quantity on water (Immediately contact Range Control and begin spill control - **REACT.**)
- \_\_\_ POL spill less than 20 gallons on land (Begin spill control - **REACT;** contact Range Control and submit a Spill Report Form to EMD within 24 hours.)

## FORT BENNING ENVIRONMENTAL REGULATIONS SUMMARY

**SENSITIVE AREAS:** Endangered species habitat or cultural resources. They are marked with steel pickets and white signs. Digging and vehicular traffic is prohibited.

**POL/HAZMAT SPILLS:** Report all spills through Range Control at 545-3474. If assistance is required from the Fire Department/HAZMAT Team, Range Control will make notifications through E-911. For POL spills greater than 20 gallons on land or any quantity on surface water, the Environmental Management Division (EMD) must be immediately notified through E-911 or 545-9879/4203. For POL spills less than 20 gallons on land, a Spill Report Form must be submitted within 24 hours to the EMD (Call 545-9879 and/or FAX 545-4209). After hours call the spill pager at 317-6584.

Unit should begin spill control measurements (**REACT**) within their capabilities. If a spill occurs within a sensitive area; stop the source, contain, and absorb the spill material - do not dig until EMD personnel arrive at the site.

- Be prepared to report:
- Time, grid location, and cause of spill.
  - Type of product and amount spilled.
  - Distance from flowing water.
  - Action taken to combat spill.

See USAIC 210-4, Range and Terrain Regulations, for more detail.

### ENVIRONMENTAL INCIDENT REPORT FORM

Unit: \_\_\_\_\_

OIC/NCOIC: \_\_\_\_\_

Training Area: \_\_\_\_\_

Grid Coordinates: \_\_\_\_\_

Date and Name: \_\_\_\_\_

Signature: \_\_\_\_\_

FB (DPW) Form 31, 1 May 2004 PREVIOUS EDITION OBSOLETE

