



# General Environmental Awareness and SMS Training for Military, Civilian and Contract Personnel

Fort Gordon DPW, Environmental Natural Resources Management Division (ENRMD)



# Disclaimer

**This training does not replace any required regulatory environmental training.**

- All required environmental training should be current.
- Training records should be available for review upon request.



# Training Overview

- General Environmental Awareness
- Environmental Management System (EMS)
- Contact Information

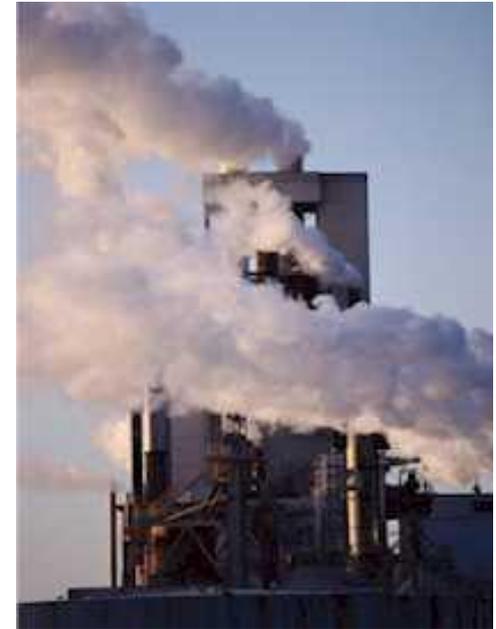


# General Environmental Awareness



# Air Quality

- Follow all permit requirements, including material usage and recordkeeping for Title V permit sources.
- Notify your Air Program Manager at 791-5634 30 days before work orders are submitted for any modification or installation of equipment.
- This applies to any existing permitted source  
Examples of permitted sources include: *boilers, generators, fuel tanks, painting operations and large scale asphalt operations.*



# Asbestos

- Asbestos can only be disturbed, removed and/or repaired by a Certified Asbestos Professional. **CAN'T TOUCH THIS!**
- Occupants should not remove any wall plaster, pipe wrapping, insulation materials or permanent floor covering.
- 9”X9” floor tile should not be buffed or abrasively stripped. Maintain floor surfaces using liquid wax (manual application) and/or paste wax using low speed buffers with non-abrasive pads.
- Occupants should not enter building basements, mechanical rooms or crawl spaces.
- Contact Asbestos Program Manager before starting work with suspicious materials at 706 791-9652.



# Lead

- All activities or contractors conducting projects that generate dust from building structure components must have a Certified Renovation Representative.
- Occupants should not chip, grind or sand any painted surfaces without guidance from the on-site Renovation Representative, in your chain of command.
- All Self-Help (U-Do-It) requests for paint must be routed through the DPW, Lead Based Paint Management, 791-9652, before purchase.



# Lead

- Painted building components should not be disposed of in local dumpsters.
- Contractors are required to dispose of painted building components at the Landfill.
- Contact Lead Based Paint Program Manager before starting work with suspicious materials or for assistance at 709 791-9652.



# Solid Waste Management

➤ Dumpsters are used for general trash only.



➤ Recyclable products such as cardboard, office paper should be properly segregated in recycle bins/containers and not mixed in with the general trash.

➤ Construction debris and pallets should be disposed of at the Fort Gordon landfill.



➤ Hazardous Materials should not be placed in the general trash. Here are a few examples: batteries, light bulbs, oil, antifreeze.



# Solid Waste Management

**Furniture and mattresses cannot be disposed of in the general trash.**

- **Broken** furniture and used mattresses can be taken to the Fort Gordon Landfill , Gibson Road(open Tuesdays and Thursdays)
- If the Furniture is **not** broken it can be taken to DRMO, Bldg. 994, 10<sup>th</sup> Street ( open Monday thru Thursday).

**Mulch and yard waste cannot be disposed of in the general trash.**

- Mulch and yard waste is placed in the Compost Yard in Training Area #17 (Barnes Avenue past the ASP).



# Hazardous Materials

- Properly store Hazardous Materials (HM).
- Do not overstock— keep on hand only what you will use.
- Contact the Hazardous Materials Control Point (HMCP) at 791-9824 for guidance on your Hazardous Materials inventory.
- Maintain MSDSs for each hazardous material on-site.
- Maintain a HM inventory log.



# Hazardous Waste Management

- Do not put hazardous wastes into general trash dumpsters.
- Ensure your satellite accumulation points (SAP) are managed properly.
  - Contact the Hazardous Waste Manager at 791-2511 for new SAP sites and for SAP sites that are being remove.
- Ensure all waste is properly segregated and containerized.
- Waste containers must be properly labeled and lids are closed except when adding or removing waste.
- Protect containers stored outside from natural elements. Store in a covered area or cover with tarp to prevent rust and damage to the containers.
- Use secondary containment to prevent spills.
- Maintain a HW inventory log.



# Universal Waste

- Universal Waste includes used batteries, mercury containing thermostats and lamps, incandescent bulbs and recalled pesticides.



- Universal Waste **cannot** be thrown in with the general trash. It must be properly segregated, packaged, labeled and disposed of.



- See the Hazardous Waste Management Plan for guidance.

[http://www.gordon.army.mil/dpw/ENV/New Folder/HWMP2.pdf](http://www.gordon.army.mil/dpw/ENV/New_Folder/HWMP2.pdf)



# Used Oil

- Perform maintenance in paved, designated areas.
- Recycle used oil, don't dump down storm drain or dispose of in the trash.
- Clean up spills immediately and properly!



# Hazardous Materials/Waste Turn-in

- See the Hazardous Waste Management Plan(HWMP) for guidance on HM and HW.

[http://www.gordon.army.mil/dpw/ENV/New\\_Folder/HWMP2.pdf](http://www.gordon.army.mil/dpw/ENV/New_Folder/HWMP2.pdf)

## **HW Turn-in & HM inventory management:**

### **HMCP SOP**

- Hazardous Materials Control Point (HMCP), Bldg 10604.
- HMCP operating hours: 0800 – 1530, Mon.-Fri.
- Call 791-9824/9825 for an appointment to turn-in your waste and for information on management of your HM inventory.



# Contractor Guidance for Hazardous Materials/Waste

- Contractors are responsible for the proper storage and disposal of their Hazardous Materials and Waste.
- Call 911 for spills.
- Contact the HW Manager at 791-2511 for any further guidance.



# Spill Prevention



- ❖ Use secondary containment.
- ❖ Inspect accumulation areas periodically.
- ❖ Store spill kits or spill clean-up items near HAZMAT and Hazardous Waste storage areas.
- ❖ Display emergency contact information.
- ❖ Train personnel in handling and spill procedures.



# Spill Response Basics

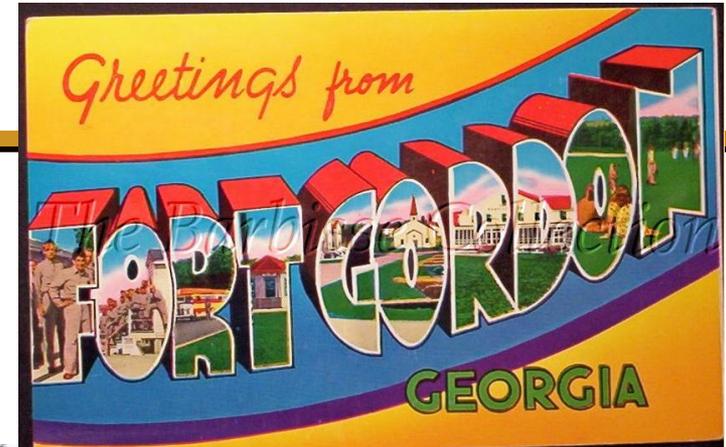
❖ In the case of a spill.....

# CALL 911



# Cultural Resources

- As a federal agency, Fort Gordon is directed, not only by Federal laws but also by Army regulations (AR 200-1), to be a good steward of culturally and historically significant sites for the public.
- 1150 archaeological sites have been identified on Fort Gordon ranging in age from Paleo-Indian (10,000-7,800 BC) to 20<sup>th</sup> century homesites
- There are 45 cemeteries on the installation containing over 600 identifiable graves, burial dates range from 1827-2005



# Cultural Resource

- Because archaeological sites are scattered throughout the installation, you must receive permission from ENRMD prior to any action that involves ground disturbance
- Un-permitted metal detecting is also prohibited on Fort Gordon.



# Natural Resources

## -Endangered Species and Species of Concern

- The gopher tortoise, Pickering morning glory, American kestrel, bluebarred pygmy sunfish, Savannah darter, mud sunfish, and the federally listed endangered red-cockaded woodpecker (RCW) are target species intensively managed for on the Installation.

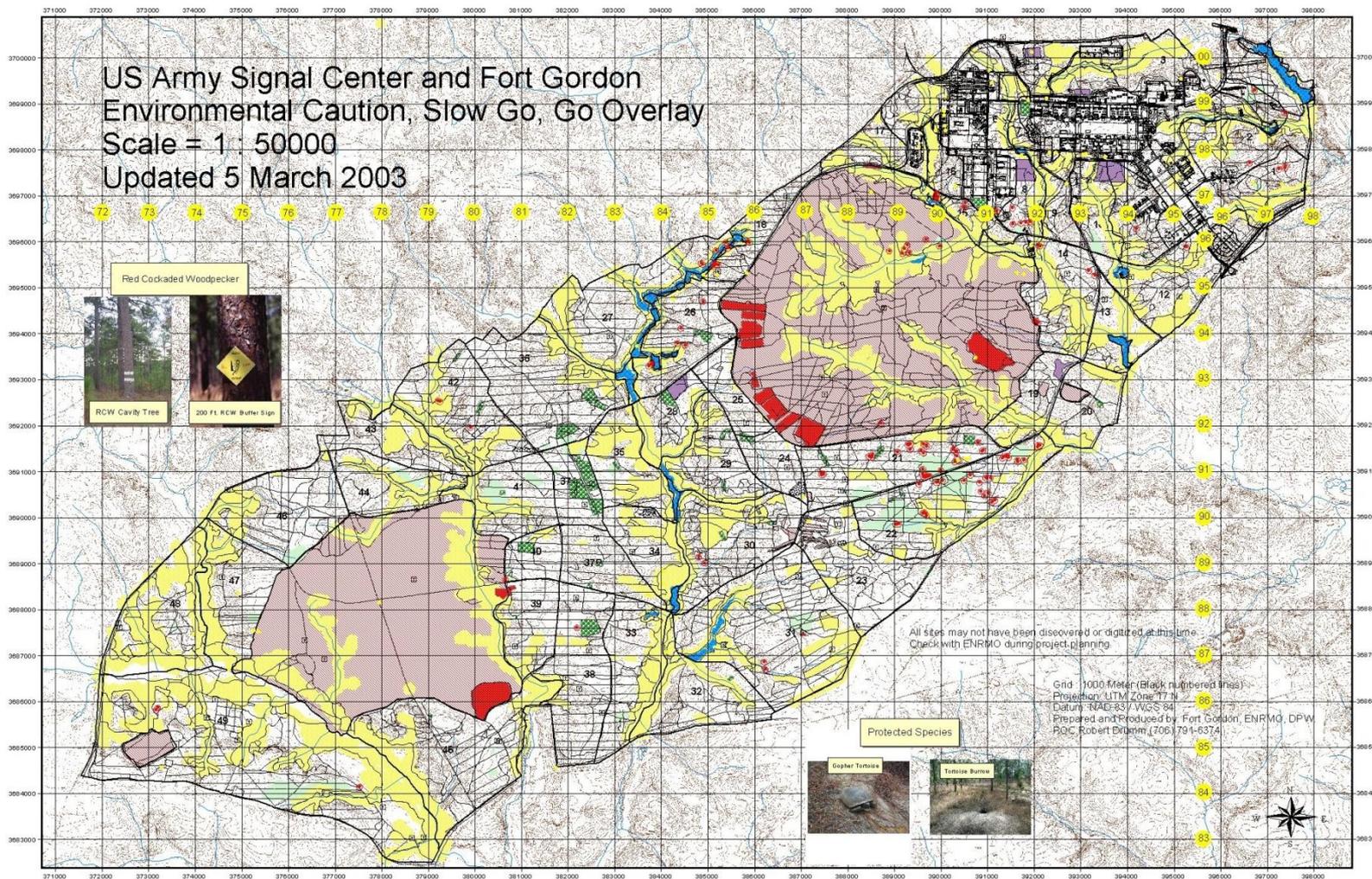
### **The following restrictions apply in specified caution areas:**

- No digging
- No MKT
- Vehicles on established roads only; foot travel off-road
- Training limits within 200 feet of RCW cavity tree
- Foot traffic only within 25 foot radius of Gopher Tortoise burrow
- All activities must be approved through the Natural Resources Branch and Range Control
- Outdoor recreational activities are available such as hunting, fishing, bird watching, horseback riding, etc.. (see <http://www.gordon.army.mil/dpw/ENV/wildlife.htm>)
- or contact Natural Resources personnel at (706)791-6135)



# LOCATION..... BE AWARE OF YOUR LOCATION

## Incorporate the Environmental Slow Go Map into your FTX...



Key	
	Training Area Boundary
	OFF LIMITS
	Roads and Firebreaks
	Streams
	Lakes
	Artillery Firing Points
	Landfills
	Ranges
	Cemetery
	Sub-Training Area (Pre-approved)
	Red cockaded woodpecker (RCW) cavity tree
	200 ft. RCW Cavity Tree Buffer
	Caution
	Slow Go
	Protected Sites

CAUTION AREA	
	NO digging
	NO MKT
	NO Field Showers
	"Foot-traffic only" off roads/firebreaks
	Vehicles ONLY on established roads/firebreaks
	Refueling from 5 gallons can ONLY

SLOW GO	
	Concentrated areas of protected species or sites
	Coordinate pyrotechnics (including CS & smoke) with Range Control on DAILY BASIS
	Training limits within 200ft of cavity tree
	Follow 1996 ARMY RCW Guidelines

GO AREA [Areas not shaded]	
	Coordinate DIGGING with Range Control
	Coordinate pyrotechnics (including CS & smoke) with Range Control on DAILY BASIS
	Vehicles off road only in/out of training site
	Note: BEFORE exit road: recon site for Gopher Tortoise burrows (25ft between vehicle and burrow)
	MKT and field showers must comply with FM-21-10
	No "Gray Water" will be allowed to enter stream or lake

= Sub-Training Areas are "pre-approved training sites". For SOP visit ENRMO website <http://gordon.army.mil/dpwr/preapproved.html> or visit Range Control website: <http://gordon.army.mil/dpwr/range%20control.htm>



# Natural Resources

## Timber and Wetlands

- **Timber**
  - **45,492 acres of reimbursable forested land**
    - Firewood cutting is available to the public in designated areas with proper permits acquired through the Natural Resources Branch.
    - It is against regulation to deface or cut any trees without authorization.
- Wetlands as defined by the US Army Corps of Engineers is an area that is inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions
  - **The following regulations apply:**
    - EO 11990 Protection of Wetlands
    - Section 401 of the CWA (Clean Water Act)
    - Section 404 of the CWA
    - Coastal Zone Management Act of 1972
    - EO 11988– Floodplain Management



# Pest Management

- Fort Gordon civilian, military and contractor personnel are restricted from applying pesticides without a DOD or State approved license.
- Pesticide applicators operating on Fort Gordon property are required to meet the training and certification requirements.
- All pesticide operations must be pre-approved by the Installation Pest Manager Coordinator, 706 791-6076.



# Pesticide Management

- Sensitive areas such as Child Care and Dining Facilities require a state certified professional pest controller.
- Housing is now under private contract for all pesticide management and usage will be recorded in accordance with state law for 2 years.
- Fort Gordon tenants should call the service order desk at 791-5520 to schedule service as needed.



# Pest Management



Insect and Vector assessment and control  
Contact: Preventive Medicine

<http://www.ddeamc.amedd.army.mil/clinical/preventative/environmental.aspx>



# Water Quality

- **Construction/demolition and other projects can result in:**

- Stormwater pollution
- Erosion and sedimentation



- **Decrease impacts on water quality:**

- Don't dispose of oil, chemicals, or any other material/debris down storm drains
- Keep sediment, leaves, and debris away from storm drains (use barriers)
- Sediment Erosion Control projects must be approved before the project begins by the ENRMD



# Inspections

## Each activity is expected to:

- Monitor and inspect their Hazardous Material/Waste storage and accumulation areas periodically, and maintain inspection records.
- Cooperate to the full extent with Environmental Division inspectors and regulatory inspectors.
- Call 791-6127 for assistance with Satellite Accumulation Point inspections.



# Inspection Checklist

- Comprehensive Environmental Checklist
- Satellite Accumulation Point Checklist
- Universal Waste Checklist
- Storm Water Best Management Practices



# Practice Good Housekeeping

- Poor housekeeping can result in:
  - Fines
  - Termination of contract
  - Environmental contamination, spills
  - Injuries
- Maintain good housekeeping:
  - **DO** store flammable materials in approved HAZMAT lockers
  - **DO** ensure containers are labeled and lids are secured
  - **DO** keep stormwater drains clear of debris
  - **DO** clean up work sites at the end of *each* day
  - **DO** clean up spills immediately and properly containerize and dispose of waste.
  - **DON'T** pour material down storm or floor drains
  - **DON'T** stockpile waste – properly store and manage waste
  - **DO** maintain an inventory of hazardous materials and waste



# Training

- The Environmental Division conducts training classes for civilian and military personnel.
- You can find training information at:  
<http://www.gordon.army.mil/dpw/ENV/training.htm>
- Contact the Training Manager at 791-6278.



# Sustainability Management System (SMS)



## References:

AR 200-1, Dec 2007

U.S. Army commander's Guide for mission-focused Environmental Management Systems, V2 Mar 2007

