



# US Army Garrison Fort Gregg-Adams



## ENVIRONMENTAL GENERAL AWARENESS TRAINING

**PROTECTING THE LAND WE DEFEND**



**ENVIRONMENTAL MANAGEMENT DIVISION  
US ARMY GARRISON FORT GREGG-ADAMS**

**(MISSION INTEGRATED - ENVIRONMENTAL MANAGEMENT SYSTEM)**



# Fast Facts 2022 Q4



## Fast Facts Fort Gregg-Adams, VA

### SUPPORTED POPULATIONS

**ON POST 29,910**

Military (Permanent Party)	4,370
Army	3,702
Other Military	343
Students (ALU)	325

Military (Trainees/Others)	10,924
Students/Trainees	10,466
Army Reserve	417
Transient/Rotational	41

Civilian/Contractor Personnel	7,974
Army Civilians	2,177
Other DoD Civilians	2,988
Contractors	1,854
Students/Transient/Rotational	955

Active Duty Military Dependents 6,642

**OFF POST\* 67,816**

Active Duty Military	375
Active Duty Military Dependents	3,588
Army Reserve	4,064
Army Reserve Dependents	5,296
Military Retirees	12,980
Military Retiree Dependents	41,513

\* within a 40 mile radius of Fort Gregg-Adams

UPDATED: April 27, 2023  
 SOURCE: SAMAS - Q1, FY2023  
 DEERS - Q4, FY2021  
 OFFICE: USAG Fort Gregg-Adams PAO  
 (804) 734-7451  
 FortGreggAdams@army.mil  
<https://home.army.mil/greggadams>

### LAND & BUILDINGS

Total Land Acreage  
5,907

Miles of Paved Road  
119

Miles of Unpaved Road  
76

Buildings  
494

Training Areas  
27

Training Ranges  
8

Troop Housing Spaces  
7,805 (Trainees/Others)  
559 (Permanent Party)

Family Housing Units  
1,506

All Fort Gregg-Adams employees (Military, Civilians, and Contractors) must take Environmental training by:

- ✓ Reviewing these slides, available on the Fort Gregg-Adams EMD website or by email.
- ✓ Request in-person Environmental General Awareness Training (EGAT) by calling (804) 734-3766.

This **Environmental General Awareness Training (EGAT)** is required only **once**. However, **Hazardous Waste (HW) SOP Training** for Environmental Compliance Officers (ECOs) and Hazardous Waste Coordinators (HWCs), including POL/Fuel Handlers, HM/HW Storage Facility Personnel, and Vehicle Mechanics is **required annually**. To schedule HW SOP Training, call (804) 734-3811.

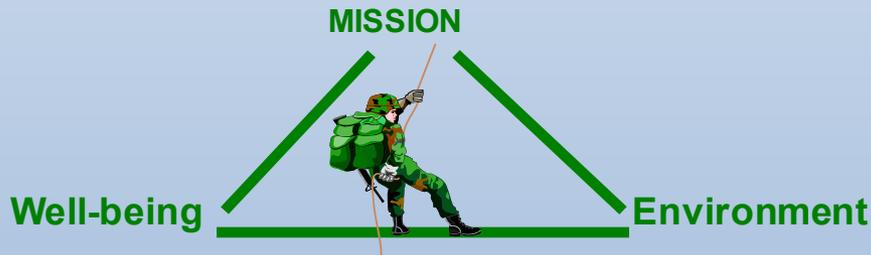


# Fort Gregg-Adams

## Environmental Management System

**EMS** is a process that integrates sustainable practices into the overall management (mission) of an organization.

### Fort Gregg-Adams Environmental Policy



- **G**enerate less waste and pollution
- **R**educe environmental impact
- **E**nsure compliance
- **E**valuate new projects
- **N**otify 911 and IOC of spills

**EMS is required by AR 200-1. Negligence and failure to adhere to environmental regulations may result in both civil and criminal charges and fines for the responsible party or parties.**



# Fort Gregg-Adams EMS

## Objectives & Targets (2023)

- ❑ **Objective - Reduce Non-Hazardous Waste**
  - ❑ **Target - Divert 40% of non-hazardous waste from landfills or incineration (annually)**
  
- ❑ **Objective - Reduce Hazardous Waste**
  - ❑ **Target - Reduce Hazardous Waste generation by 10% from 2018 baseline**
  
- ❑ **Objective - Mitigate risk to Petroleum, Oils, and Lubricants (POL) operations**
  - ❑ **Target - Analyze the risk from 100% of POL operations annually**

These Objectives and Targets are reviewed each year by the EMS Cross-Functional Team to ensure we are focusing on activities with the highest environmental impact.



# Divert 40% of Non-Hazardous Waste (Annually)



## Source Reduction

- EESOH-MIS
  - \* Green Procurement
  - \* Reuse and Repurposing
- Sustainable Contracting

## Recycling and Composting

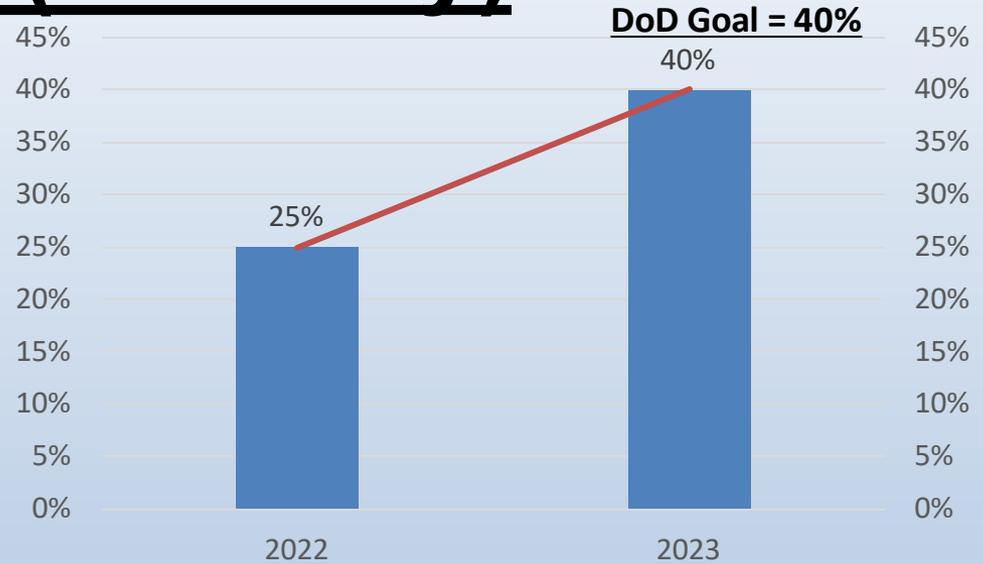
- Recycling Policy/Fort Gregg-Adams QRP
- Segregation of Waste Streams
- Composting (Organics and Food Wastes)
- C & D Waste Management
- Landfill Disposal/Public-Private Collaboration

## Energy Recovery and Treatment

- Waste to Energy (e.g., off-spec fuel or used oil for burning)
- Waste to Usable Product (e.g., tires to make park benches or pallets)



# Divert 40% of Non-Hazardous Waste (Annually)



■ Non-Hazardous Waste Diverted    — Trend Looks Great!

Fort Gregg-Adams non-hazardous waste diversion goals are based on:

1. [Executive Order 14057](#): Catalyzing Clean Energy Industries and Jobs Through Federal Sustainability.

★ 25% waste diverted in 2022!  
 Let's continue and meet the DoD Goal of 40% in 2023!

Fort Gregg-Adams Non-Hazardous Waste Diverted from Landfill



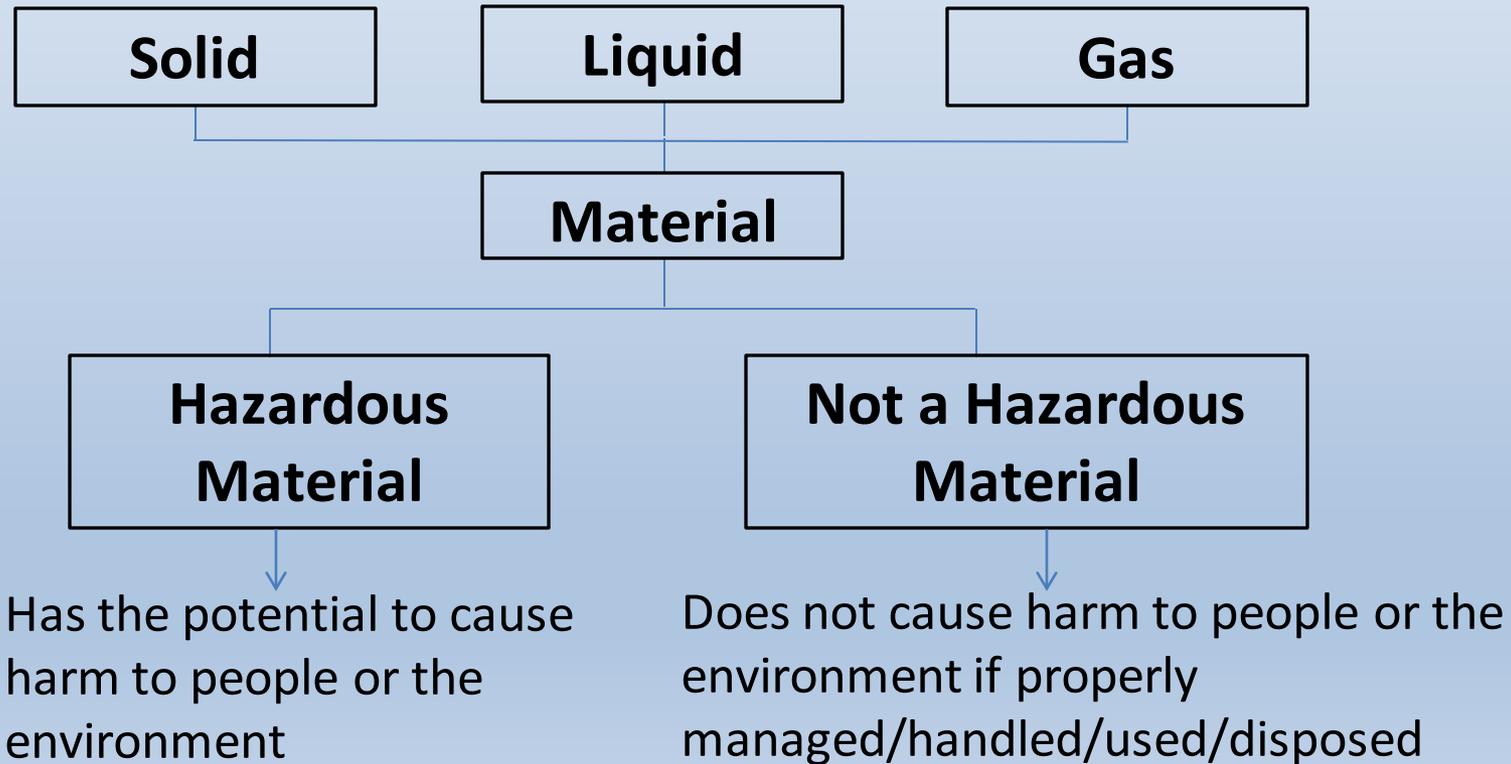
2. [2020 Updates to the DoD Integrated Solid Waste Management Metrics](#)



# Hazardous Materials



Every Installation and corresponding “shop process” utilizes hazardous materials. From procurement to ultimate reuse, recycling or disposal, hazardous materials can generally be classified into three categories – solids, liquids, or gases. It is often the properties (e.g., flammable, corrosive) of the material that make them hazardous.





# Hazardous Materials



## OSHA Pictograms

- ✓ Can be found on chemical containers such as spray paint, cleaners, drums, etc.
- ✓ Pictograms may also be on Safety Data Sheets



GHS - Hazard Pictograms and Related Hazard Classes		
		
<b>Expanding Bomb</b> <ul style="list-style-type: none"> <li>• Explosives</li> <li>• Self-reactives</li> <li>• Organic Peroxides</li> </ul>	<b>Corrosion</b> <ul style="list-style-type: none"> <li>• Skin corrosion/burns</li> <li>• Eye damage</li> <li>• Corrosive to metals</li> </ul>	<b>Flame Over Circle</b> <ul style="list-style-type: none"> <li>• Oxidizing gases</li> <li>• Oxidizing liquids</li> <li>• Oxidizing solids</li> </ul>
		
<b>Gas Cylinder</b> <ul style="list-style-type: none"> <li>• Gases under pressure</li> </ul>	<b>Environment</b> <ul style="list-style-type: none"> <li>• Aquatic toxicity</li> </ul>	<b>Skull &amp; Crossbones</b> <ul style="list-style-type: none"> <li>• Acute toxicity (fatal or toxic)</li> </ul>
		
<b>Exclamation Mark</b> <ul style="list-style-type: none"> <li>• Irritant (eye &amp; skin)</li> <li>• Skin sensitizer</li> <li>• Acute toxicity</li> <li>• Narcotic effects</li> <li>• Respiratory tract irritant</li> <li>• Hazardous to ozone layer (non-mandatory)</li> </ul>	<b>Health Hazard</b> <ul style="list-style-type: none"> <li>• Carcinogen</li> <li>• Mutagenicity</li> <li>• Reproductive toxicity</li> <li>• Respiratory sensitizer</li> <li>• Target organ toxicity</li> <li>• Aspiration toxicity</li> </ul>	<b>Flame</b> <ul style="list-style-type: none"> <li>• Flammables</li> <li>• Pyrophorics</li> <li>• Self-heating</li> <li>• Emits flammable gas</li> <li>• Self-reactives</li> <li>• Organic peroxides</li> </ul>



# Hazardous Materials



Use EESOH-MIS for material tracking from procurement to disposal

**Must have EESOH-MIS account**

- **Shop Code – Issued by Hazardous Material Control Center (HMCC)**

**Material Request:**

- **HMCC will not release order until it's in EESOH-MIS**
- **All HMs must be on the AUL and approved by HMMP before use at Fort Gregg-Adams**
- **Every container (e.g., spray paint, POL, cleaning product) must have HMCC-issued bar code**



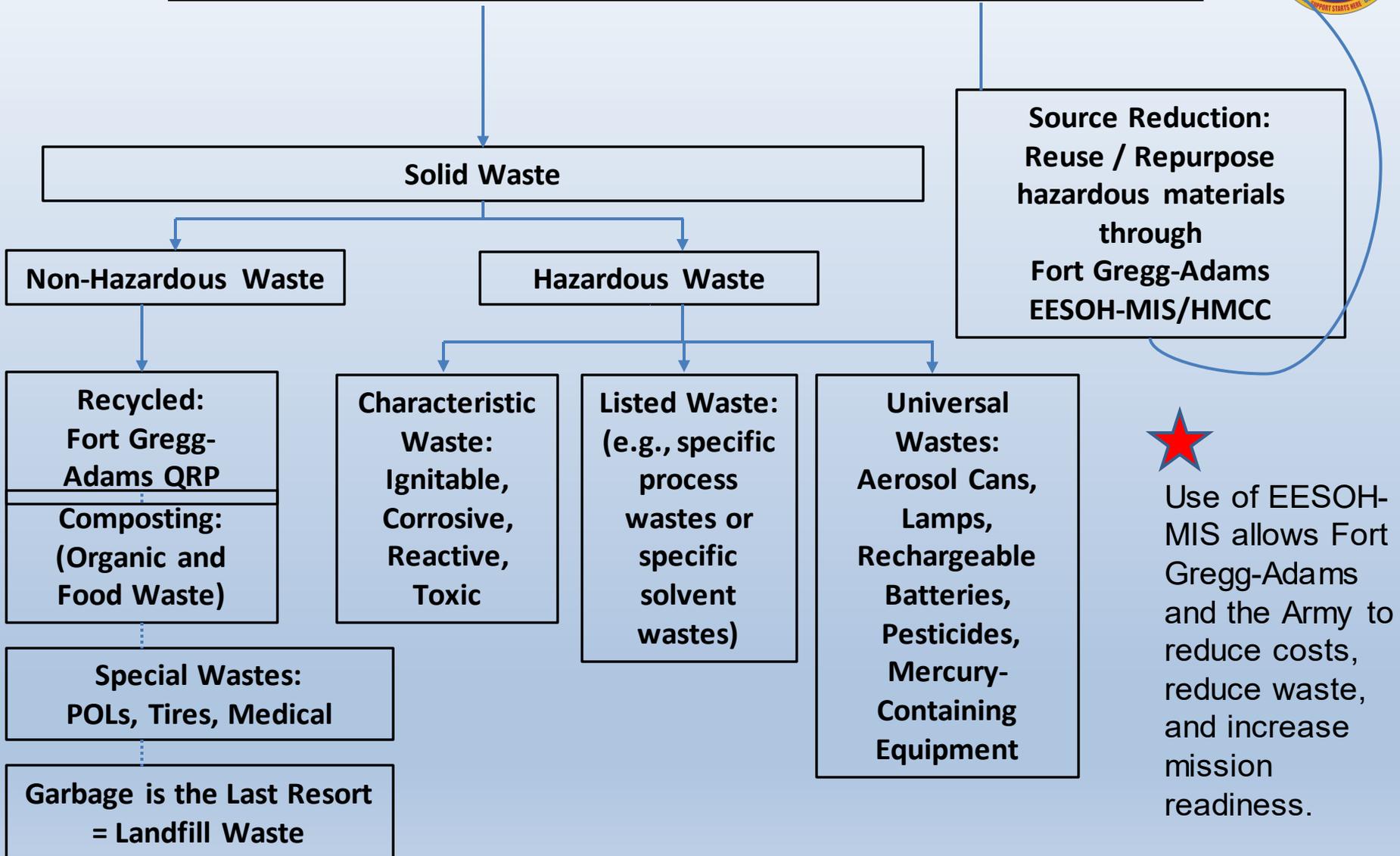
**Minimize Hazardous Waste:**

- **Check HMCC Free Issue before placing order**
- **Order what you need with NO excess**
- **Rotate inventory to ensure older HM items are used before expiration (First In / First Out -- FIFO)**
- **Contact Information: HMCC – (804) 734-5243 and EESOH-MIS – (804) 734-5068**

**Follow hazardous waste procedures to ensure proper and compliant disposal**



# Hazardous Material / Wastes





# Hazardous Material / Wastes



- ✓ Don't let the mismanagement of hazardous materials become a waste or hazardous waste.
- ✓ Hazardous materials require proper management, including housekeeping, closed containers, labeling, and secondary containment.
- ✓ If you generate a hazardous waste, turn it in to the Fort Gregg-Adams hazardous waste facility (building 7123).

Proper management of hazardous materials prevent them from becoming a hazardous waste.

- ✓ Control hazardous material inventories
- ✓ Utilize EESOH-MIS/HMMC
- ✓ Manage shelf-life of POLs (FIFO)
- ✓ Minimize waste
- ✓ Do not mix waste streams
- ✓ Work with your unit ECO or assigned HWC

**SHELF-LIFE EXTENSION NOTICE**  
PER DOD 4140.27-M, CONTAINERS REQUIRE RE-MARKING WITH EXTENDED SHELF-LIFE DATA. UNITS OF ISSUE REQUIRE RE-MARKING UPON OPENING CONTAINER.

NSN:	9150-01-035-5393
CONTRACT NUMBER:	SP0450-03-W-1025
LOT/BATCH NUMBER:	508
DATE TESTED:	5-05
NEXT INSP/TEST DATE:	5-07
AUTHORITY:	Q8L
INSPECTED BY:	[Signature]

DD FORM 2477-2, APR 1999 PREVIOUS EDITION MAY BE USED.

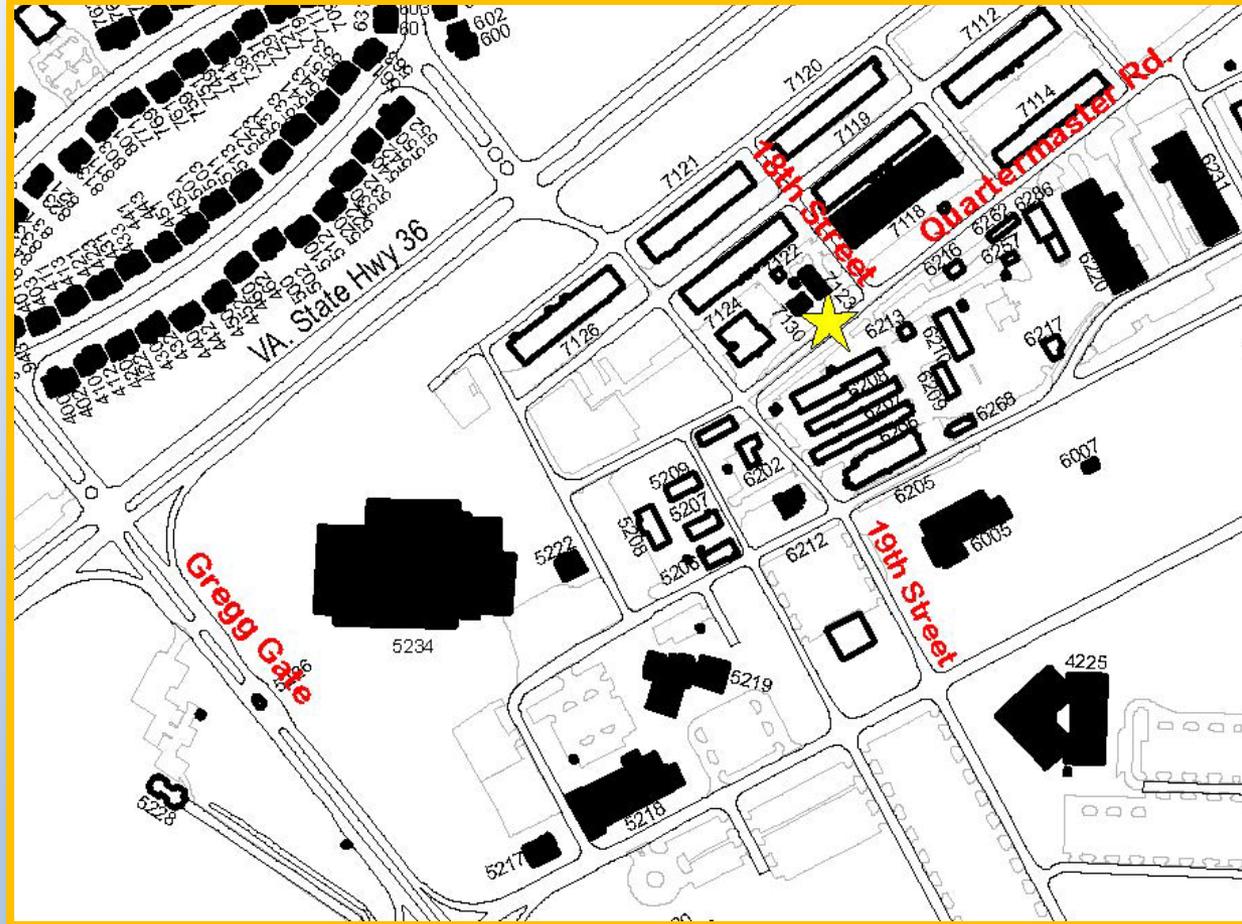


# Hazardous Waste



**DO NOT LEAVE any ITEMS outside Hazardous Waste Facility at any time. Drop offs by prior arrangement or appointment ONLY. This area is under surveillance.**

**To schedule an appointment call (804) 734-3811 or (804) 734-5123.**



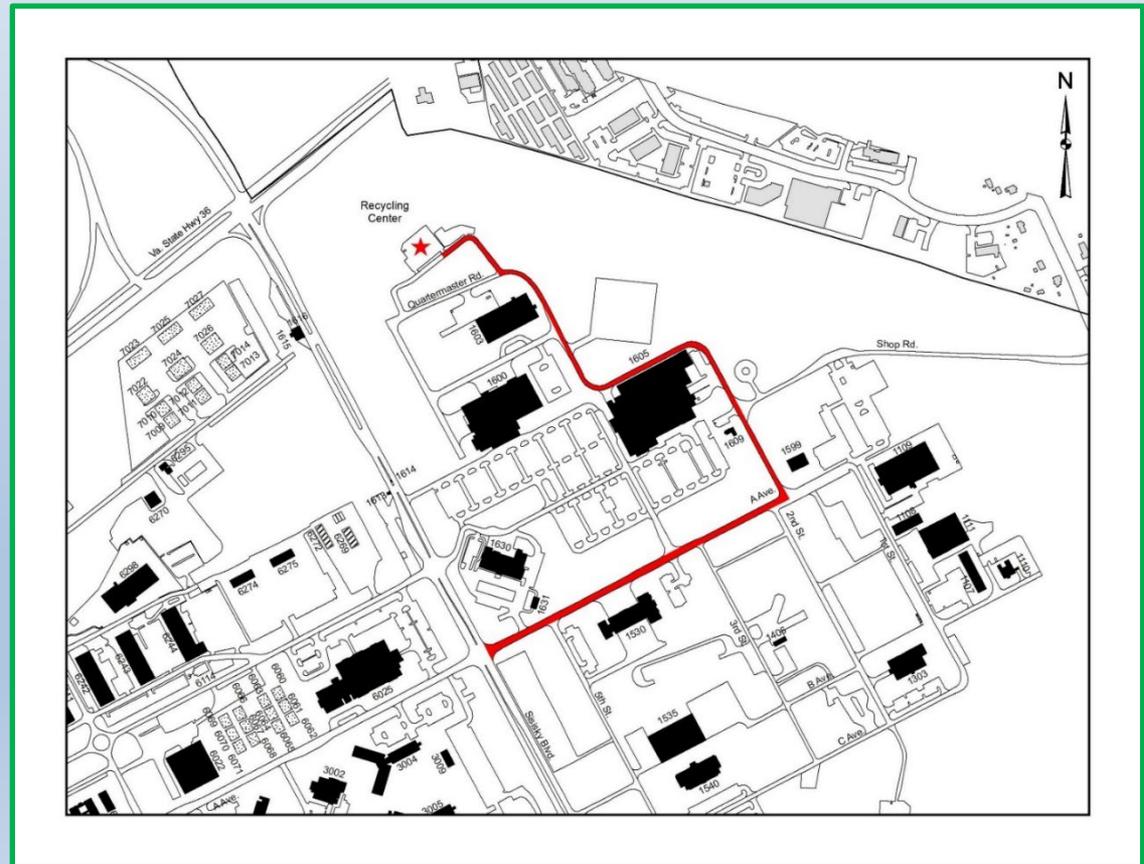


# Recycling at Fort Gregg-Adams



It is everyone's responsibility who serves, works, or resides on Fort Gregg-Adams to recycle. In addition to weekly pick-up at each building, Fort Gregg-Adams has a Recycling Center (behind the CIF) for convenient drop-off of bulk items and yard waste.

Remember, in accordance with Fort Gregg-Adams Recycling Program Policy 19-03, participation in the Fort Gregg-Adams Recycling Program is mandatory.





# Spill Response



## **FORT GREGG-ADAMS SPILL RESPONSE**

IMPLEMENTED WHENEVER A SPILL OCCURS OR IS DISCOVERED. KEEP ALL CHEMICALS AND SPILLS FROM ENTERING STORM DRAINS, STREAMS, PONDS, & CRITICAL HABITAT. ONLY RAIN MAY ENTER THE STORM DRAIN. LAWS REQUIRE STATE AND NATIONAL RESPONSE NOTIFICATION WITHIN 24 HOURS OF A SPILL. PLEASE NOTIFY APPROPRIATE PEOPLE IMMEDIATELY, INCLUDING AFTER HOURS.

### **IN THE EVENT OF A SPILL...**

**STEP 1 - IF MATERIAL SPILLED PRESENTS A POTENTIAL TO HARM HUMAN LIFE, EVACUATE THE AREA IMMEDIATELY.**

#### **CALL 911.**

**STEP 2 - STOP THE FLOW.** SHUT OFF PUMPS AND VALVES

**STEP 3 - SHUT OFF IGNITION SOURCES;** MOTORS, ELECTRICAL POWER, ETC.

**STEP 4 - CONTAIN SPILL** WITH PROPER ABSORBENTS FROM SPILL KITS.  
PROTECT STORM DRAIN BY COVERING DRAINS WITH FILTER SOCK

**STEP 5 - NOTIFY INSTALLATION OPERATIONS CENTER, (804)734-1584**

**STEP 6 - SUBMIT SPILL REPORT** WITH PHOTOS TO ENVIRONMENTAL MANAGEMENT DIVISION (EMD) FOR **ALL SPILLS**. SEND TO:

**craig.a.norris10.civ@army.mil ; james.a.mills80.civ@army.mil**

EMD CONTACTS: (804)734-3772, (804)734-5014, (804)734-3560

#### Environmental Regulatory Reportable Spills:

- Any sheen, discoloration, odor, or hazardous substance in storm drains, ponds, streams, grassy areas
- 25 gallons or more of oil or fuel on concrete/asphalt

Spills not requiring regulatory notification, must still be reported to EMD. All staining and spill residuals must be photographed, documented, and submitted to EMD.

SPILL KIT LOCATION: \_\_\_\_\_

FACILITY #: \_\_\_\_\_

Ensure Spill Response Poster is placed at your facility.

Ensure employees are aware of spill response procedures.

To receive a copy of the [Spill Response Poster and Response Report](#), call (804) 734-5014.

After a spill occurs, please submit the Spill/Incidental Release Response Report to: [craig.a.norris10.civ@army.mil](mailto:craig.a.norris10.civ@army.mil) and [james.a.mills80.civ@army.mil](mailto:james.a.mills80.civ@army.mil)



# Stormwater



- Storm drains carry rainwater from developed land to surface water, including the Chesapeake Bay, without treatment.
- Fort Gregg-Adams has two stormwater permits: a Municipal Separate Storm Sewer System (MS4) Permit and an Industrial Stormwater General Permit.
- Keep pollutants and prohibited discharges out of the sewer systems and waterways. Illicit discharges threaten swimming, boating, and fishing activities.

## Examples of prohibited discharges:

- Sewage
- Septic tank effluent
- Car wash wastewater
- Motor oil and antifreeze
- Pet and animal waste
- Construction runoff/soil/sediment



**ONLY RAIN DOWN THE DRAIN.**

**Report any prohibited discharges to EMD at (804) 734-5061 or (804) 734-3772**



# Stormwater BMPs



Pollutant	Best Management Practice
Grease from food sources	Do not pour grease onto ground or into storm or sanitary sewer
Petroleum, Oils & Lubricants (POL)/Haz Mat/Haz Waste	Drip pans under engines Proper (covered) storage for HM containers and equipment
Pet Waste	Clean up after your pet immediately in open areas, 24 hours at residence ( <a href="#">Policy</a> )
Soil Erosion and Sediment	Report erosion and runoff to EMD No unauthorized digging Do not sweep or power wash sediment and debris into storm drains Store sediment, straw, mulch, small gravel, etc. in enclosed area
Salts	Store salts in non-corrodible container
Spills	Use white “oil-only” pads to remove POL sheens. Cover drains. Know where Spill Kits are located and phone numbers to call. After a spill, submit Spill Report to <a href="mailto:craig.a.norris10.civ@army.mil">craig.a.norris10.civ@army.mil</a> and <a href="mailto:james.a.mills80.civ@army.mil">james.a.mills80.civ@army.mil</a> .
Haz Mat/Haz Waste/Fuel/POL	Take this <b>Environmental General Awareness Training (once)</b> , job-specific training, and Fort Gregg-Adams ECOs and HWCs (POL/fuel Handlers, HM/HW Storage Facility Personnel, Vehicle Mechanics), must take the <b>Hazardous Waste SOP Training (annually)</b> .



# Pollution Prevention / Waste Minimization

**Buy Green/Sustainable Products** - Use less toxic substitutes. Order ONLY what you need through the Hazardous Material Control Center (HMCC), Bldg 6212. Remember to follow pharmacy/supply management – first in, first out (FIFO).

**Source Reduction: Repurpose/Recycle** – Repurpose/Recycle to the maximum extent possible. Utilize EESOH-MIS/HMCC for all purchases. ALL metal, paper, cardboard, plastic #1 - #5, and wood must be recycled.

**Work Order NEPA Review** - [DA Form 4283 Work Orders](#) are **required** for ALL new construction, events, repairs, or “permission only” requests on Fort Gregg-Adams. Once reviewed, any environmental requirements will be identified. Submit DA Form 4283 to: [usarmy.Gregg-Adams4283helpdesk@mail.mil](mailto:usarmy.Gregg-Adams4283helpdesk@mail.mil).

**Print Only When Necessary** - Use electronic copies to edit documents, and use digital signature when possible. When printing: use double-sided copies, and use color ink only when absolutely necessary. [Fort Gregg-Adams Printer Policy](#).

For more information see the [Fort Gregg-Adams Environmental Special Conditions](#), [Fort Gregg-Adams Recycling Program Policy](#), or contact EMD at (804) 734-5014.



# Air Quality



The Fort Gregg-Adams Air Program manages activities on the installation that affect air quality in order to keep all facilities in compliance with environmental regulations, overseeing activities such as painting, welding, fugitive dust/emissions, solvent-based processes, fueling, generator usage, and facility heating and cooling.

## Key Points:

- No idling. Turn off government vehicles when parked.
- Do not “Top Off” vehicle gas tanks.
- Commute with a group / telework (where available).
- Procure only low NOx, atmospheric pollutants, and fuel burning equipment (boilers / water heaters / unit heaters / furnaces).



## [Army ODS Elimination Program](#)

- The Army has [guidance and information](#) on the elimination of Class I and II ozone depleting substances (ODS) and the management of air conditioning and refrigerant (AC&R) operations.



# Energy and Water Savings



**Turn Off Equipment**- Enable hibernation and shut down features for monitors and CPUs.

**Lighting/Light Bulbs**- Turn off lights/electricity when offices/buildings/stadiums are not in use. Light bulbs to be replaced with fluorescent or LED.

**All Equipment**- Purchase [Energy Star](#) equipment.

**Window and Doors**- Keep Closed so that HVAC systems can work properly.

**Thermostats** - Do not change thermostats' fuel-saving settings. They are set to work with HVAC systems.

**Water Usage** – Conserve water by turning off faucets when not in use and repairing all leaking faucets.



For energy and water system questions contact the Fort Gregg-Adams Energy Manager at (804) 734-3167

See [Fort Gregg-Adams Energy Conservation Measures Policy 10-06](#).

Outside Link: [U.S. Army Office of Energy Initiatives](#)



# Asbestos, Lead, and Mold



## **Asbestos**

- Asbestos poses no health risk when managed in place
- Fort Gregg-Adams has an up-to-date Asbestos Management Plan, available upon request.

- Do not damage or disturb any asbestos-containing materials or suspected lead containing-materials
- Immediately report any damaged asbestos-containing or lead-containing material

## **Lead**

Lead can be found in paint in older (pre-1978) buildings such as exterior siding, doors and windows. Materials containing lead must be disposed of as Hazardous Waste.

Lead is still used in commercial products such as:

Batteries	Safety Paint
Jewelry	Bridge Paint
Computers	Ceramic Glazes

## **Mold**

- If mold growth is visibly present indoors, it must be cleaned.
- Molds produce allergens and cause reactions to personnel.
- Mold will not grow without moisture.  
**Report water leaks immediately.**

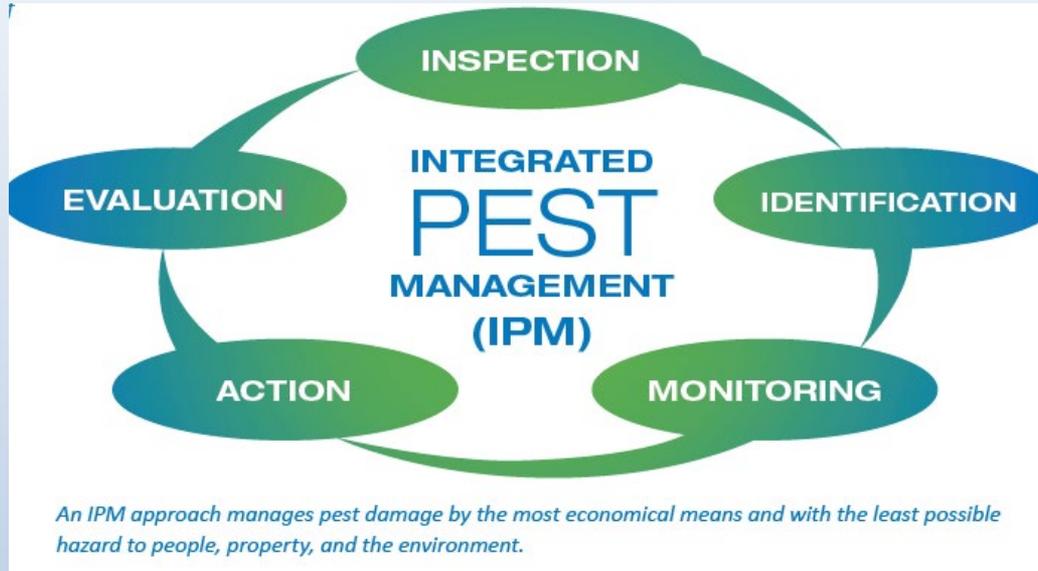
***Report areas suspected of mold to an Industrial Hygienist at the Kenner Army Health Clinic to obtain an Internal Air Quality Team Mold Assessment.***

(<https://kenner.nrmc.amedd.army.mil/Healthcare-Services/Preventive-Medicine/Industrial-Hygiene/>)

**Consult with Installation Safety, Industrial Hygiene, or EMD to determine the potential health hazards of Asbestos, Lead, and Mold.**



# Pest Management



## Applying Pesticides and Herbicides on Fort Gregg-Adams

- Submit a Service Order for Pest Control Services (non-housing) and landscapes on Fort Gregg-Adams.

**Pesticides only used by a certified technician!**

- EMD manages the fence line, landscape around buildings (non-housing), and all new construction for pesticides/herbicides.

Questions about Fort Gregg-Adams' pests and pesticide program should be directed to (804) 734-5014 or (804) 734-3560.



# Natural Resources



**Wildlife** - Leave wildlife alone. Call the Game Warden at (804) 734-7400 with any concerns.

**Forestry** – Get permission from EMD before trimming or removing trees. After storm events, permits can be issued to remove downed trees.

**Landscaping** - Utilize native plants and materials; guidance found in [Environmental Special Conditions](#).

**Wetlands** – Only cross wetlands at bridges. Do not disturb any vegetation within 100 ft. of wetlands.

For additional information, review the [Fort Gregg-Adams Integrated Natural Resources Management Plan](#).

Contact EMD at (804) 734-5080 for more information.





# Cultural Resources



On federal property, cultural resources are protected by the 1966 National Historic Preservation Act (NHPA) and 1979 Archaeological Resources Protection Act (ARPA).

- Examples of Cultural Resources: Bricks, pottery, bullets, Native American camp site, historic buildings, cemeteries, WWI training trenches.

## Key Points:

- All projects or proposed actions (construction, digging, renovation, minor repair, etc.) require an environmental review.
- Do not move or collect artifacts from archaeological sites on federal property (potential criminal penalties) and report potential artifacts to (804) 734-4434 or (804) 765-7026. Note location, take a photo, and **leave the potential artifact in place.**



For additional information, review the [Fort Gregg-Adams Integrated Cultural Resources Management Plan](#).





# Fort Gregg-Adams



## **Environmental and Related Services**

<b>Environmental Chief Spills, Drinking Water Concerns</b>	<b>804-734-3560 james.a.mills80.civ@army.mil</b>
Spill Reporting	911 (emergency) / IOC- 804-734-1586
Stormwater Illicit Discharge/Pollution	804-734-3772/craig.a.norris10.civ@army.mil
Hazardous Waste Pick-up/Drop-off	804-734-3811/matthew.e.weeks.ctr@army.mil
Cultural Resources, Found Artifacts	804-734-4434/elizabeth.e.bell-monnich.civ@army.mil
NEPA Reviews/Initial Environmental Concerns	804-765-7546/jacob.e.spain2.civ@army.mil
Recycling, Asbestos, Lead	804-734-5123/alexander.a.alvarado6.civ@army.mil
Pesticides, Improper Water Hydrant Use	804-734-5014/vanessa.jackson19.civ@army.mil
Wildlife, Plants, Wetlands	804-734-3766/john.r.allen180.civ@army.mil
Dangerous Animals (PMO)	804-734-7400
HazMat/EESOH-MIS/HMCC	804-734-5243
Mold/Indoor Air Quality/Industrial Hygiene (Kenner Army Health Clinic)	Email "Support Request Form" and photos: usarmy.Gregg-Adams.medcom-kahc.list.industrial-hygiene-section@army.mil
Work Orders/DA Form 4283 (Directorate of Public Works)	Email Form 4283 with maps and photos: usarmy.Gregg-Adams4283helpdesk@army.mil
Service Orders (i.e. Pests, Bugs)	804-451-1914

# Certificate of Completion

This certificate is awarded to:

---

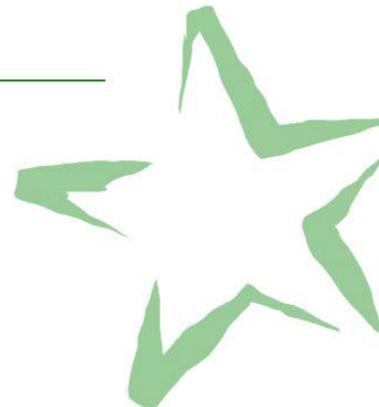
For completing the Fort Gregg-Adams  
Environmental General Awareness Training

Date: \_\_\_\_\_

PROTECTING THE LAND WE DEFEND



ENVIRONMENTAL MANAGEMENT DIVISION  
US ARMY GARRISON FORT GREGG-ADAMS



**Army Green is  
Army Strong!**