

# Earth Day 2022



**Sustaining the Environment for a Secure Future**





# Army Earth Day 2022

## Celebrate Earth Day Every Day with the Directorate of Public Works!

Earth Day reminds us to focus on the environment and to recognize the role we play in protecting it. Earth Day serves to remind us that Fort Stewart and Hunter Army Airfield are blessed with a diverse and rich environment that has been entrusted to our care by our country. Earth Day is a global effort...but it begins right here at home. We need your commitment to help protect all of our resources not just on Earth Day, but everyday!



# Sustainability Management System



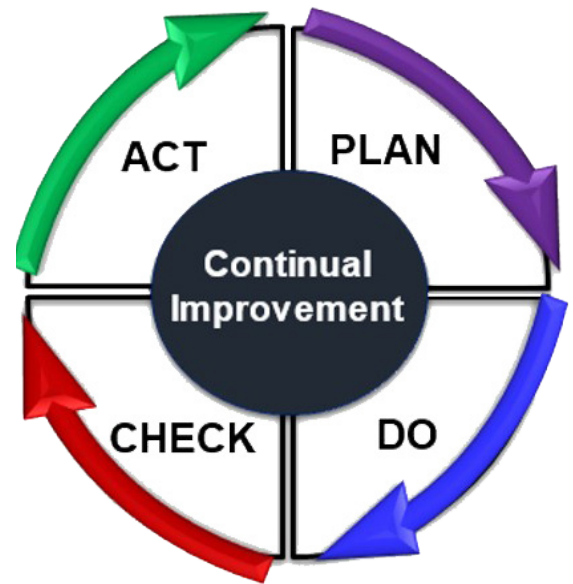
## A Sustainability Management System (SMS) is:

A continual cycle of planning, implementing, reviewing and improving the actions of an organization to meet environmental obligations. Everyone on Fort Stewart/Hunter Army Airfield (FSGA/HAAF) can contribute to sustainability efforts by recycling, practicing efficient water and energy use and protecting the environment for Threatened and Endangered Species (TES).

## FSGA/HAAF SMS Significant Aspects are:

- Energy Use - Reduce energy intensity by 3% annually.
- Water Use - Reduce water usage by 2% annually.
- Land Use:
  - TES Management - Maintain habitat for 9 protected species on post.
  - Solid Waste & Recycling - Divert 1% or more of waste and construction debris than the previous year.

## FSGA/HAAF SMS Policy:



**Resources:** Prevent Pollution & Conserve Natural Resources.

**Optimize:** Optimize the MISSION, Well-being and the Environment.

**Compliance:** Comply with federal, state and local laws and regulations.

**Keep Improving:** Strive to continually improve environmental stewardship.

## FSGA/HAAF Sustainability Management System Training

<https://vimeo.com/461049260>

For more information, call 912-767-2010





# Energy Conservation: What can I do?

If you leave lights on for security when on vacation, use timers to turn the lights off during the day. They'll give your house a more lived-in appearance and you'll save energy.



Planning to purchase a new gas heating system? Ask your gas utility or public services commission about the savings potential of electronic ignition. Ask also about possibilities for retrofitting the system you may already own.

Water heaters account for 18% of your home's energy use. Reducing hot water use, employing energy-saving strategies, and choosing an energy efficient water heater for your home can reduce your monthly water heating bills.



When operating a clothes dryer, keep the lint screen clean. Remove lint after each load. Lint impedes the flow of air in the dryer, which makes your clothes take longer to dry and requires the machine to use more energy.

When buying a computer monitor, buy only as large as you need. Power consumption increases proportionately with the size of the monitor. For example, a 17 inch color monitor consumes approximately 35% more energy than a 14 inch color monitor.



Use a kettle or cover the pan when boiling water; water will come to a boil faster and use less energy than if brought to a boil in an uncovered pan.



# Water Conservation: What can I do?



Install water-saving shower heads and low flow faucet aerators - both are inexpensive and easy to install.



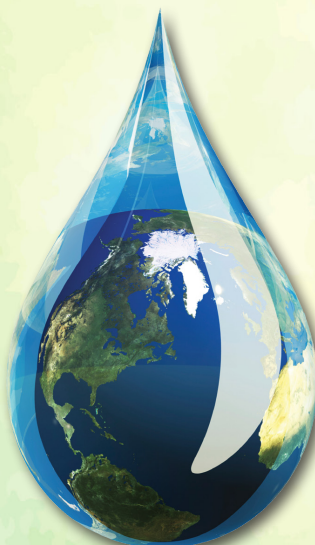
Don't leave the water running while washing dishes. This simple step could save up to 25 gallons of water each time you wash dishes.



Upgrade older toilets with water-saving models (will bear the WaterSense label) to reduce the amount of water used for each flush.



Repair leaky faucets promptly. A single faucet leaking one drop per second can waste 2,400 gallons of water a year. That's 13 years worth of drinking water for one person!



Fill the sink basin when you shave instead of keeping the water running. You'll use only 1 gallon of water instead of up to 15 gallons.

The City of Hinesville constructed a 2 million gallon per day Water Reclamation Facility. Fort Stewart serves as the City's primary discharge point, receiving a major portion of the City's reuse water. Since the partnership began in 2010, the reuse water has been used to irrigate Fort Stewart's golf course and run the cooling towers at our Central Energy Plant - saving over 285 million and 136 million gallons of potable water, respectively. In 2013, Fort Stewart expanded the system by converting 2 washracks to also use reclaimed water, which has saved the Installation an additional 105 million gallons. Fort Stewart's Marne View housing area was connected to the system in 2017 and has thus far saved over 4 million gallons. As a result of this win-win partnership, the Installation has saved a total of 530 million gallons of potable water.





# Hunting & Fishing Programs

**Anyone Hunting or Fishing on FSGA/HAAF must possess:**



- Hunting Safety Course Certificate
- Valid Georgia Hunting/Fishing License
- FSGA/HAAF iSportsman Hunting/Fishing Permit



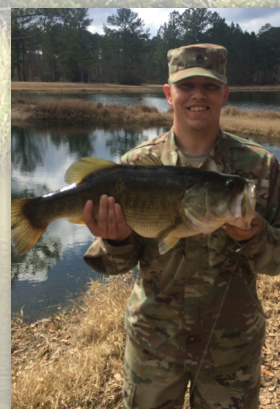
## FSGA/HAAF Hunting Tidbits

- Deer Harvests Reported  
561 deer/year (5 year average)
- Hog Harvests Reported  
607 hogs/year (5 year average)
- Turkey Harvests Reported  
91 gobblers/year (5 year average)
- Annual supplemental plantings for game species found on Fort Stewart:
  - Cool Season Food Plots: 200-250 acres
  - Dove Fields: 100-150 acres
  - Warm Season Food Plots: 75-100 acres
- The most popular waterfowl species to hunt is the wood duck. Each year, hunters harvest an average of 300 wood ducks on Fort Stewart.



## FSGA/HAAF Fishing Facts and Tidbits

- Annual Kids Fishing Events (KFEs) are held at both FSGA and HAAF. For more information regarding future KFEs, please call the Directorate of Family, Morale, Welfare, & Recreation at 912-435-8205.
- Ponds are fertilized to enhance fish growth and to prevent unwanted weed growth.
- Annual fish population surveys are conducted in all FSGA/HAAF ponds to determine population health and needs (e.g., creel limit changes, stocking, etc.).
- Christmas trees that might otherwise be bound for the dump are sunk in many Fort Stewart ponds to improve fish habitat.
- The Canoochee River has some of the finest redbreast sunfish fishing in Georgia. The fish seem to bite better in late spring and early summer.
- The shortnose and Atlantic sturgeons, both federally endangered, can be found in the Ogeechee and Canoochee Rivers. If caught, release immediately back into the river.





# Threatened & Endangered Species



- Fort Stewart has 2 pairs of nesting bald eagles. Bald eagles are a conservation success story and were removed from the Endangered Species List in 2007. However, they still receive protection under the Bald and Golden Eagle Protection Act.
- Artificial cavities are inserted into living pine trees to improve habitat for the endangered red-cockaded woodpecker (RCW). These cavities have contributed greatly to the growth of the Fort Stewart RCW population.
- Due to the success of Fort Stewart's RCW recovery efforts, the Installation is able to provide other organizations and military installations with young-of-the-year RCWs. These donations help stabilize and recover critically small populations of RCWs.
- Fort Stewart's RCW population has grown from 157 potential breeding groups in 1997 to 595 groups in 2021, an increase of 279%! As a result of this success, there are no training restrictions associated with the RCW on Fort Stewart, which greatly increases military maneuverability within training areas.
- The threatened wood stork forages in shallow water by stirring the water with its feet and sweeping the water with its beak to snap up prey.
- The threatened eastern indigo snake is the longest non-venomous snake in North America, reaching 8 feet or more.
- Other federally listed species found on Fort Stewart include the Atlantic and shortnose sturgeons, frosted flatwoods salamander, eastern black rail, and smooth coneflower.







# Forestry: Timber Management

- FSGA/HAAF's Forestry Branch maintains an active and extensive timber management program, typically harvesting between 3,000 and 4,000 acres annually.
- The specific reasons for harvesting timber on the Installation are to:
  - Improve, maintain and support military training on the forest landscape.
  - Enhance threatened and endangered species habitat.
  - Improve recreation opportunities for Soldiers, Family Members, and Civilians.
  - Control southern pine beetle infestation.
  - Support game management.
  - Remove undesirable tree species.
  - Perpetuate longleaf pine forest.
- The success of FSGA/HAAF's Forestry Program can be measured by the Installation's immensely valuable forest resources, excellent military training platform, healthy ecosystem, and sustainable flow of forest products to the economy.





# Forestry: Controlled Burning



Fort Stewart burns between 100,000 and 120,000 acres annually!

- Controlled burning is a managed burn that uses low intensity fire to improve military training grounds and wildlife habitats.
- Burning efforts have contributed to the success of Fort Stewart's red-cockaded woodpecker population.
- Reasons for burning include hazardous fuel reduction, longleaf pine regeneration, ecosystem management and removal of undesirable hardwoods.
- Depending on specific objectives, burns may be conducted throughout the year, but are most commonly done from winter through spring.
- Since safety is the number one priority, weather information is gathered and monitored by fire planners to greatly reduce the possibility of smoke impacting sensitive areas.
- Please remember, sudden changes in wind direction and/or intensity can cause smoke to drift into surrounding neighborhoods or highways. For this reason, everyone should be mindful of the ongoing burn season and use extra caution when traveling through areas where smoke may be present.







# Wastewater, Stormwater Programs

## Wastewater

Washing grease, oil, and fat down the drain can clog pipes and sewer lines. Flushing items such as diapers, wipes, or rags can have the same result.



Clogged lines can cause raw sewage to overflow into your home, yard, neighborhood parks, streets, ditches, streams, and other waterways.

### Wipes Clog Pipes!

These problems can be avoided by following a few simple rules:

- Never use a toilet as a trash can! Items such as paper towels, “disposable” wipes, washcloths, rags, and diapers should go in the trash.
- Never pour grease down sink drains, into toilets, or through garbage disposals.
- Scrape grease and food scraps from trays, plates, pots, pans, utensils, grills, and cooking surfaces into the trash or a container for disposal.
- Absorb excess grease from cooked meat, blotting directly with paper towels or straining into a separate disposable container.
- Inform your friends and neighbors about how you can work together to avoid clogged sewer lines that can impact the environment and potentially result in health risks associated with backed up and spilled sewage.

## Stormwater

Prevent stormwater pollution by only allowing rain to go down the storm drains. After entering a storm drain, stormwater runoff passes through underground pipes and open drainage ditches which release the runoff directly into the ground, streams, rivers, lakes or ponds. By reducing stormwater pollution we can protect aquatic habitats, avoid seafood contamination, prevent potential diseases, preserve the natural beauty of our waterways, sustain our environment, and support recreational swimming, fishing, and boating for everyone to enjoy.



## Here are some ways you can help prevent stormwater pollution:

### Car Care

- Inspect your car for leaks regularly.
- Repair leaks promptly.
- Recycle used oil at the onpost autocraft shop or local automotive stores.
- Use drip pans and funnels when changing fluids at the autocraft shops.
- Wash cars at designated car washes or, if at home, on or near grassed areas with a bucket and sponge - not a running hose.

### Household Hazardous Waste and Pet Waste

- Turn in household hazardous waste during spring and fall clean up events.
- Do not pour hazardous products on the ground or into gutters or storm drains.
- Donate usable paint, solvents, automotive fluids, pesticides, fertilizers, and cleaning products for reuse.
- Use nontoxic (or less toxic) alternatives when possible.
- Clean up after your pets and properly dispose of pet waste.



# Wetlands Program



## FSGA/HAAF Wetlands

- Roughly one-third of Fort Stewart is wetland.
- A valuable resource, Fort Stewart has restored and enhanced over 2,000 acres of wetlands.
- Wetlands provide habitat and breeding ground for all kinds of wildlife, including some of our most exotic local species:
  - Alligators
  - Flatwood Salamanders
  - Hooded pitcher plants
  - Wood storks
- Wetlands also filter our water supply and reduce the destructive power of storms that threaten areas inhabited by humans.
- Wetlands are normally protected from activities which could cause their pollution, or loss through draining or filling.
- To minimize such impacts while supporting effective Army training, FSGA/HAAF activities are reviewed and monitored to ensure compliance with environmental laws and preserve the Installation's environment.

## Stay Safe at the Pump



Do not  
dispense fuel  
into unapproved  
containers



Do not stay in  
vehicle while  
fueling



No cell  
phone use  
at pump



Do not leave  
engine  
running



No open  
flames



Do not fill  
containers on  
vehicles or while  
holding



No  
smoking

- Discharge static electricity before fueling by touching a surface away from the nozzle. Static electricity can ignite gasoline vapors.
- Do not leave vehicle unattended while fueling.
- If a fire starts, do not remove nozzle - back away immediately.
- Do not allow individuals under licensed age to use the pump.



# Recycling Program

## SUPPORT THE RECYCLING PROGRAM!

The following materials can be recycled on post:

### PAPER ITEMS

Junk Mail, Office Paper, Newspaper, Magazines (including inserts)

How to recycle:  
Recycle in clear plastic bags.



### CANS / #1, #2, & #5 PLASTICS

Water Bottles, Milk Jugs, Spray Bottles, Shampoo Bottles, Food Containers

How:  
Rinse food from all containers.



### ELECTRONICS / INK CARTRIDGES

Computers, Printers, Keyboards, Telephones (No government equipment!)

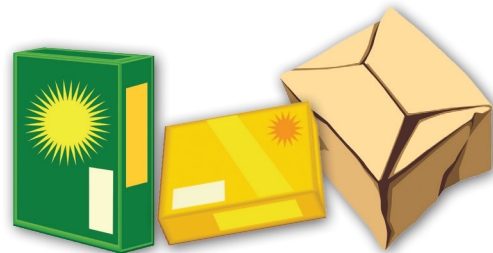
How:  
Bring items to drop off centers.  
FSGA: Italy St. (Bldg. 1143)  
HAAF: Westley Ave. (Bldg. 727)



### CARDBOARD BOXES

Shoe Boxes, Food Boxes, Delivery Boxes

How:  
Break down and flatten all cardboard boxes.



**Attn: 24-hour Convenience Centers are available to anyone living on or off post.**

**FSGA: Intersection of Veterans Pkwy. & McFarland Ave. (Behind Marne Shoppette)**

**HAAF: Between Bldg 6020 (PX) and Bldg 6025 (Commissary) & on Georgia Hussars St.**

**Sustainability Starts with You! Recycle at home and on the job.**

**Recycling benefits our environment and it is MANDATORY.**

**Phone: (912) 767-8880 and (912) 210-6804**



# Learn How to Reduce Waste



**To schedule a tour call:  
(912) 767-8880 or (912) 210-6804**



**Please support the Recycling Program by taking your recyclables to the 24-hour Convenience Centers.**

**Fort Stewart:  
Intersection of Veterans Pkwy. &  
McFarland Ave. (Behind Victory Shoppette)**



**Hunter Army Airfield:  
Between Bldg 6020 (PX) and Bldg 6025  
(Commissary) & on Georgia Hussars St.**



## **Recycling Points to Consider:**

- Recycling reduces the amount of waste being landfilled and extends the life of the landfill.
- Recycling costs less than landfilling.
- Recycling helps conserve natural resources by reducing the need for raw materials.
- Recycling helps conserve energy! It takes less energy to recycle aluminum than to make it from raw material.



## **REMEMBER:**

**All Personally Identifiable Information/For Official Use Only (PII/FOUO) documents should be shredded prior to recycling.**



# Cultural Resources Management

## What are Cultural Resources?

- Cultural resources can be defined as evidence of past human activity. This evidence (artifacts, archaeological sites, and historic buildings) provide us with clues to our past.

## Cultural Resources on FSGA/HAAF:

- Approximately 98% of FSGA and 100% of HAAF have been inventoried for cultural resources.
- To date, over 4,300 archaeological sites (some over 10,000 years old) have been documented.
- Historic buildings:
  - 3 at Fort Stewart
  - 25 at Hunter Army Airfield

## Help Protect Our Cultural Resources:

- No vehicles allowed within archaeological sites.
- No digging allowed within archaeological sites.
- If you accidentally drive into a known site, or accidentally find a previously undiscovered site, STOP ALL ACTIVITY, mark the site, contact Range Control, and seal off the area.
- Vandalizing cultural resources, stealing, or collecting artifacts from federal land can result in fines up to \$250,000 and jail time of five years. Help protect our Nation's heritage. Report theft of artifacts by calling Conservation Law Enforcement (912-435-2013) or the Military Police Desk (912-767-4264).

# Glisson



### GLISSON'S STORE & MILL

- Glisson's Store is today the only pre-military building still standing on Fort Stewart.
- The Glisson family arrived in the area by the 1850s and by the 1870s had acquired the property.
- In 1909, the Glisson's eldest son Remer Glisson (1879-1965) bought the mill pond property and built the store and gasoline station in the mid-1920s.
- In 1941, the Glisson's properties were either sold to or condemned by the government.



## IT'S SIMPLE: STEAL TIME...



## DO TIME!

**VANDALIZING CULTURAL RESOURCES, STEALING OR COLLECTING ARTIFACTS FROM FEDERAL LAND CAN RESULT IN FINES UP TO \$250,000 AND JAIL TIME OF 5 YEARS.**

**HELP PROTECT OUR NATION'S HERITAGE. REPORT THEFT OF ARTIFACTS BY CALLING CONSERVATION LAW ENFORCEMENT (912-435-2013) OR THE MILITARY POLICE DESK (912-767-4264).**



DPW Environmental Division  
Fort Stewart/Hunter Army Airfield



# Training Opportunities



## ECO/ECNCO

TRAINING COURSE AND REFRESHER OPPORTUNITIES

The 40-hour Environmental Compliance Officer (ECO) course is held at FSGA/HAAF for Civilian employees, contractors, and Soldiers ranking E5 and above.

### The Course Covers:

- Environmental Regulations
- Motorpool Procedures & Issues
- Hazardous Waste

### ECO Course Dates:

16-20 MAY 22, 11-15 JUL 22, 19-23 SEP 22  
0900 at FSGA Bldg 8065 (Forestry Classroom)

For more information, call 912-767-8012.

### Other Training Opportunities

HM/HW, Recycling, and Sustainability Course Dates:

27 APR 22, 25 MAY 22, 29 JUN 22, 27 JUL 22, 31 AUG 22, 28 SEP 22

FSGA Bldg 8065 (Forestry Classroom) at 0900



## Spills? Follow These Steps:

### In Garrison:

Report all spills of 5 or more gallons and ALL spills (of ANY quantity) reaching waterways or a storm water drainage feature such as a drain grate, outfall, drainage swale or channel.

Call the FSGA/HAAF Dispatch Center at 911 (if using a land line phone) or (912) 767-2822 (if using a cell phone).

### In the Field:

Report ALL spills in training areas and ranges, regardless of quantity or location, to Range Control by radio (FM 48.50 or 46.10) or telephone (912-435-8777/8100).







Is for...

# Environment

Kids coloring page

Keep our earth clean and beautiful!

★ Happy ★  
Earth Day!

