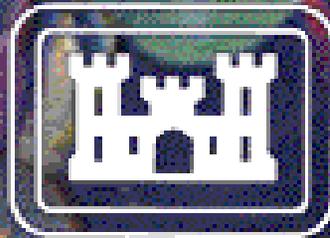


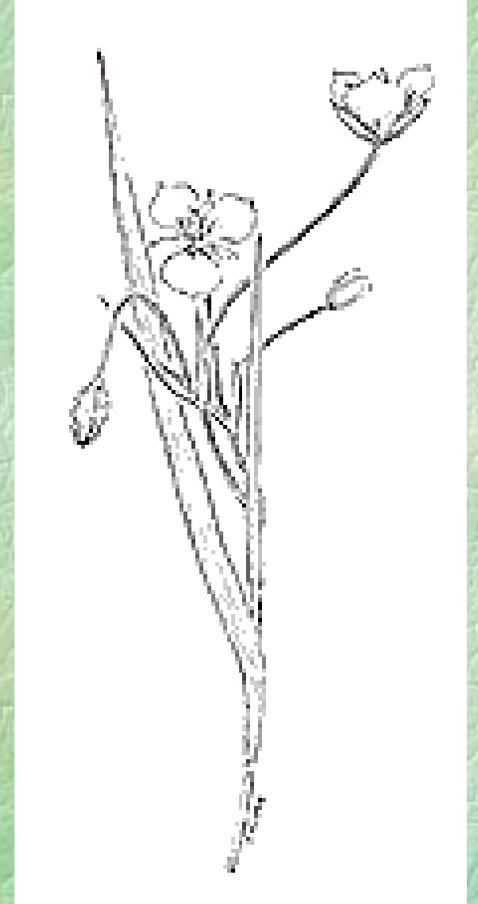
## Fort Jackson Wetlands



# U.S. Army Corps of Engineers Regulatory Program

# WETLAND LAWS AND REGULATIONS

- **Clean Water Act**
- AR 200-3
- AR 200-2



# Sandhills Stream





Wetlands can be difficult to identify. They may or may not have standing water. That is why projects must be environmentally reviewed.





# WETLAND FUNCTIONS

- Water quality management
- Shoreline and bank stabilization
- Flood control
- Groundwater recharge
- Fish and Wildlife habitat
- Recreation
- Socio-Economic Values





# Wetland facts



- Over 50% gone since first European settlers
- Losing 100,000 acres a year
- 900 wildlife species depend on wetlands
- **One acre of wetlands can filter – 7.3 million gallons of water a year**
- **1/3 North American bird species**, depend on wetlands for food, shelter, and breeding habitat.





Mountain Sweet Pitcher Plant

*Over 40% of endangered plant and animal species depend on them for their survival*

Woodstork



Shortnose Sturgeon

# WETLAND RESTRICTIONS

## (TO INCLUDE ADJACENT EMBANKMENTS)

- Check with Range Control regarding environmental restrictions prior to training
- Wetlands off limits to vehicular training or washing
- Unauthorized fording of streams/wetlands is prohibited
- Destruction of pine trees is prohibited without prior authorization – all vegetation disturbance must not disturb soil

# WETLAND RESTRICTIONS

- Wetlands are off-limits to training activities that would cause the placement of fill material (soil, etc.) in the wetlands.
- Digging in wetlands is not allowed unless a permit is acquired. Contact the installation Environmental Office if digging is being planned in or near wetlands.
- Engineering will probably require a digging permit also.

# Range 10



# PROCEDURES FOR MESSING IN WETLANDS

- **Submit a Record of Environmental Consideration (REC)**
- Do not proceed with work until you have read the Memorandum of Environmental Consideration from the Public Safety and Environmental Services Division and understand where you can and cannot place dirt or other fill material

## SOP for Maintenance of Portions of Ranges that are Wetlands

### a. Cutting grass and brush.

Vegetation can be cut by bush hog or gyrotrac during dry times.

(Vegetation can't be cut until well after a rain event, to reduce rutting).

# SOP for Maintenance of Portions of Ranges that are Wetlands

## b. Moving dirt.

New dirt can be moved across wetlands and placed on top of existing berms and roads.

A small front-end loader (bobcat type) can be used to haul the dirt. Go into the area in dry times. (Don't go in until well after a rain event).

# SOP for Maintenance of Portions of Ranges that are Wetlands

## b. Moving dirt.

Operators must minimize rutting during the work.

Dirt is not authorized except within the footprint of the existing berms and roads.

Don't make the berms or roads wider. They can be made taller.