NAVFAC
Naval Facilities Engineering Command

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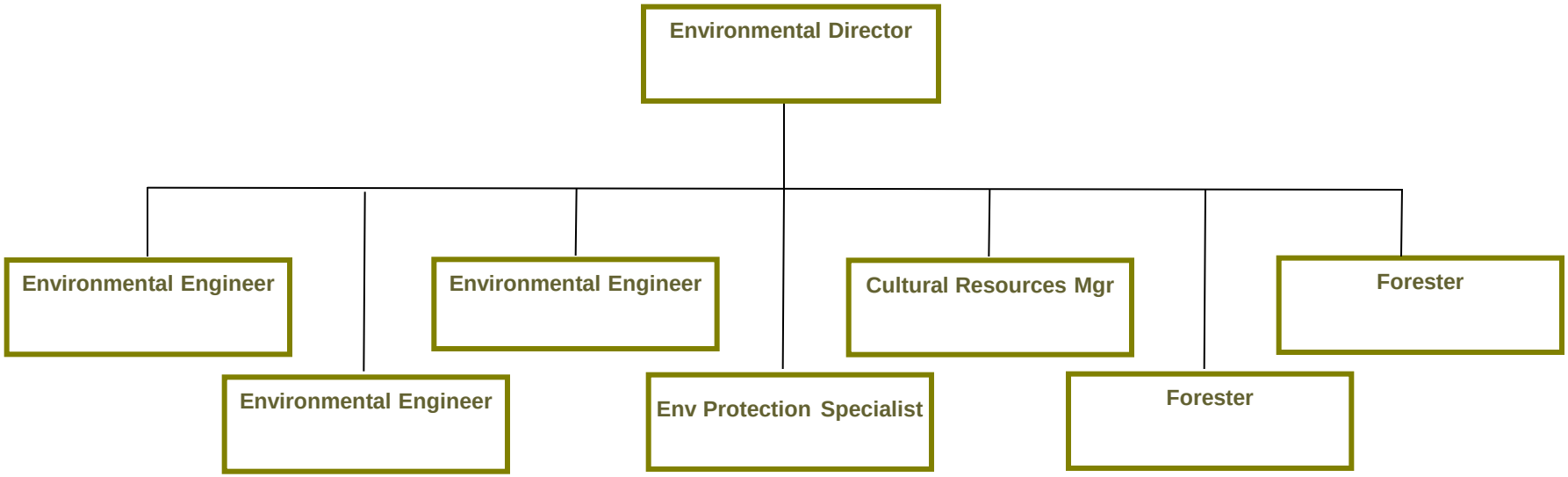
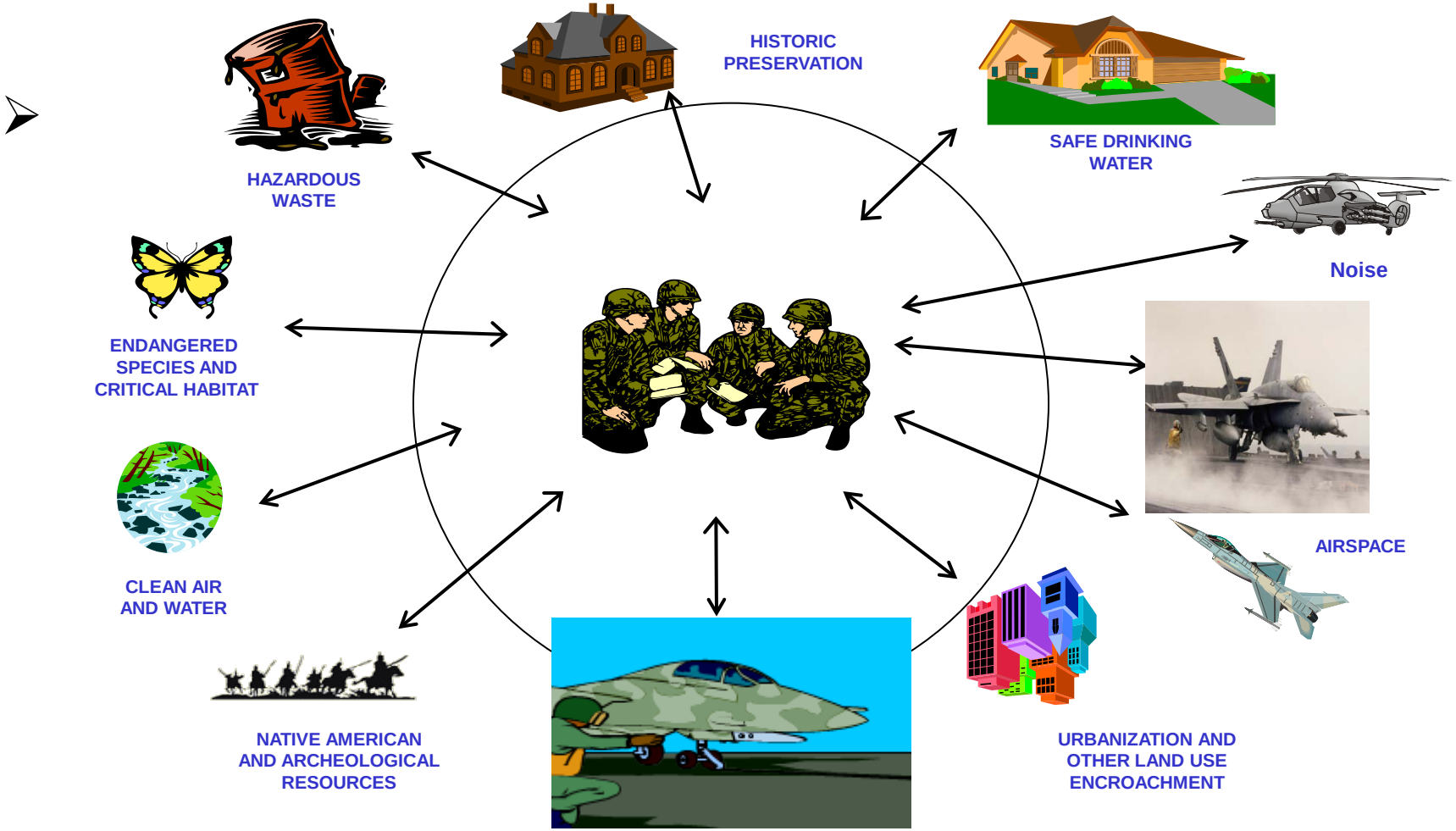
Environmental Overview

29 June 2012

Environmental Division Organization



Environmental Areas of Concern



AIR / EPCRA

The EMERGENCY PLANNING AND COMMUNITY RIGHT TO KNOW ACT(EPCRA) provisions help increase the public's knowledge and access to information at individual facilities, their uses and releases into the environment .

AIR –

- Contractor personnel who service, replace or dispose of appliances and equipment that contain Ozone Depleting substances (ODS) as refrigerants, shall provide proof of EPA HVAC Technician Certification per 40 CFR 82 Subpart F to the Contracting Officer (KO) prior to beginning work.
- Refrigerant Tracking Forms shall be completed by the HVAC Technician and submitted to the KO.

EPCRA –

-Hazardous Materials (HM) usage must be tracked and reported to the KO monthly for all MILCON's and at the end of the project for all other work.

ASBESTOS & LEAD ABATEMENT

Contractor shall:

-Submit **Notification to FDEP 10** working days prior to beginning work for **any** building demolition and /or asbestos abatement.

-Manage asbestos in accordance with applicable regulations.

- Provide Exposure Assessment for personnel exposed to lead based paint during project.
- Manage paint removal in accordance with applicable regulations to identify appropriate personnel protection and waste disposal requirements.
- Provide waste analysis as part of the characterization of paint , to the KO.

Contractor may recycle painted metal as scrap metal. Amount recycled must be tracked and reported to the KO.

CULTURAL RESOURCES

- Known cultural resources within the contractor space are designated on the contract drawings.
- Contractor shall provide protection for these resources and be responsible for their preservation during the contract.
- If suspect items are discovered during the contract, contractor will stop work and contact the KO.
- The contractor shall cease all activities and protect the resources in place until KO gives notice to proceed.
- Cultural objects are US Navy property. Anyone removing objects, artifacts, etc., from Navy property will be prosecuted**.**

Environmental Management System

EMS Mandated by:

- EO 13423, OPNAVINST 5090.1C and based on ISO 14001.
- EMS is a framework to consistently and proactively address environmental compliance and environmental performance (Energy and Water Conservation, Pollution Prevention, and Solid Waste Reduction).
- EMS training is required for all personnel and is available at either:
  - https://esams.cnic.navy.mil/esams_gen_2/loginesams.aspx

  or
  - http://navfac.ecatts.com/

NATURAL RESOURCES

Contractors Shall:

- Protect all natural resources on and adjacent to the work site.
- Install tree protection fencing and maintain within the construction limits.
- Pay close attention to unknown or unexpected changes at the work site. (i.e. Birds nesting/other animals)
- Install necessary silt fencing or other appropriate controls to reduce sedimentation. (**Areas adjacent to wetlands or areas with potential to impact wetlands or water bodies)**
- Obtain or ensure all necessary permits have been obtained prior to construction, including, but not limited to: Northwest Florida Water Management District (NWFWMD) and /or Florida Department of Environmental Protection (FDEP) Environmental Resources Permits (ERP), U.S. Army Corps of Engineers Permits and Sovereign Submerged Lands use approvals & **ensure copies of all permits are maintained on the project site.** (Jurisdictional wetlands /waters)

HAZARDOUS & SOLID WASTE

Contractor shall

-Shall manage waste per 40 CFR 262 and other applicable regulations.

-Prepare waste management plans identifying proposed management of waste streams such as paint, batteries, asbestos, waste oil, hazardous waste (HW) , etc.

- **Submit solid waste disposal and recycling documentation to the KO as specified in the contract (monthly and absolutely at the end of project).**
- **Characterize waste to determine if hazardous, or non-hazardous per 40 CFR 261**
- **Coordinate with KO to set up Satellite Accumulation Areas and/or temporary less than 90 day HW site as required for HW streams.**
- **Contractor shall turn over all hazardous, universal or industrial waste to KO unless contract requires Contractor disposal.**

HAZARDOUS & SOLID WASTE

Hazardous Waste continued……..

- Maintain covered dumpsters for construction waste. Dumpsters shall be covered at all times except when adding or removing waste.
- Refrain from dumping or washing down the floor drains or skins unless prior approval has been obtained in writing from the Environmental Office.
- Solid Waste-Non hazardous, non-liquid items may be placed in Solid Waste containers.

Hazardous Material

- Provide Material Safety Data Sheets (MSDS) for Hazardous Material (HM) to be used and stored 15 days prior to start of work.
- Coordinate storage amounts with the Environmental Office and maintain a contractor HM Authorized Use List(AUL) prior to start of work.

STORMWATER

Storm Water

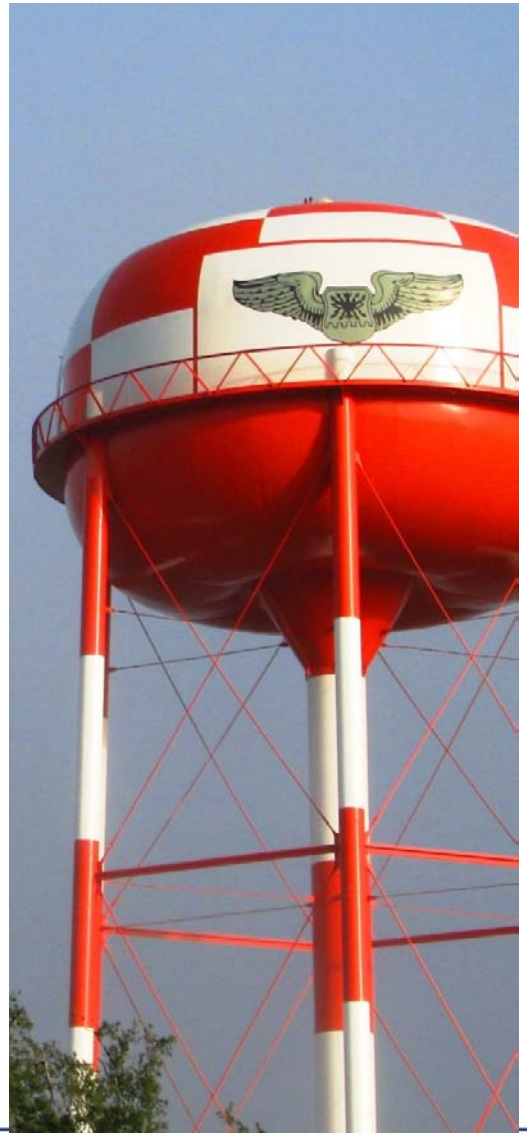
- –Do not dump or discharge anything or allow any materials to run off into the base storm water system.
- –Contractor shall implement and maintain all erosion and sediment control Best Management Practices (BMPs).
- –**Permitting**
  - Projects with greater than 9000 sf of building area or impervious area require an Environmental Resource Permit (ERP) from the Northwest Florida Water Management District(NWFWMD) and/or Florida Department of Environmental Protection (FDEP).
  - Projects with greater than 4000 sf impervious surface subject to vehicular traffic require an ERP from NWFWMD and/or FDEP.
  - Dewatering of excavated sites may require a permit from NWFWMD and/or FDEP; this would be the responsibility of the contractor

STORMWATER

Permitting Continued . . .

- National Pollutant Discharge Elimination System (NPDES) Construction Generic Permit is required if construction disturbs 1 or more acres of land.
  - Contractor responsible to file Notice of Intent to Use Generic Permit for Stormwater Discharge from large and small construction activities and pay associated fee.
  - Contractor must develop and implement a site-specific Stormwater Pollution Prevention Plan.
  - Contractor must inspect erosion control systems weekly and after each rainfall event 0.5 inches or greater. Contractor shall retain inspection records and submit them to the Contracting Officer following contract completion.
  - Contractor shall submit Notice of Termination following final stabilization of work site, with copy to Contracting Officer.

DRINKING WATER



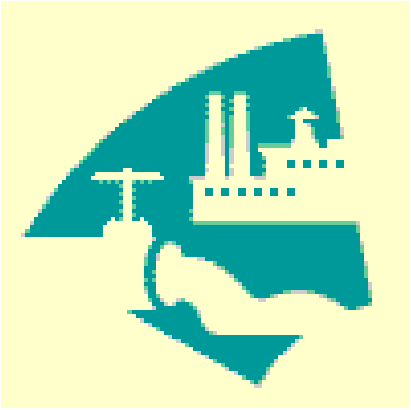
Drinking Water

- Any work that is conducted on the water distribution system must be performed or supervised by a **licensed water distribution operator (or licensed underground utility and excavation contractor or licensed plumbing contractor).**
- Construction Permit may be required for extension of potable water system per FAC 62-555, **depending upon size and length of piping**.
- Contractor shall properly disinfect all new water lines or breaks in water lines prior to placing system into use in accordance with FL regulations.
- Bacteriological sampling, PE certification and regulatory approval are required prior to placing system into use.

WASTE WATER

Wastewater

- Construction permit required for connection to sanitary collection system per FAC 62-600 depending upon **use of facility** and **type of connections.**
- PE certification and regulatory notification is required prior to placing system into use.
- Do not rinse or wash anything down floor drains, sinks, or directly to sewer system without prior approval from the Environmental Office.



INSTALLATION RESTORATION

Installation Restoration

- **Special provisions will be identified in the contract for any sites that are under restricted use due to being in installation restoration.**