



NAVFAC
Naval Facilities Engineering Systems Command

Environmental Business Line (EVBL) Petroleum Compliance Section (Tanks)

**Industry Day
Jacksonville, FL**

22 MAR 2023

Environmental Business Line POC

- **NAVFAC SE Environmental Director: Mary Oxendine**

Petroleum Compliance Section POCs

- **Section Head: Wayne Woodrum**
- **Senior Petroleum Engineer: Tammy Singletary**

Scope of Section

- **Aboveground Storage Tank (AST) and associated systems – Shop fabricated (STI) tanks**
 - Installs
 - Removals IAW EPA and State regulations
 - Repairs
 - Inspection/Testing
- **Underground Storage Tank (UST) systems – inclusive of underground piping systems associated with ASTs**
 - Removal/Closure IAW EPA and State regulations
 - Repairs
 - Inspection/Testing
 - Installs (Rare occasion)
- **Gasoline Dispensing Facility (GDF)**
 - Vapor Balance Testing (VBT) and repairs needed to pass VBT



AST Installation



UST Removal

Scope of Section (ctd.)

- **Spill Prevention, Control, and Countermeasures (SPCC) Plans**
 - Develop SPCC plans for SE AOR Naval Activities
- **Facility Response Plan (FRP)**
 - Develop FRP plans for SE AOR Naval Activities



Common discrepancies/repairs

- Most Naval Bases are located near coastal areas and common re-occurring issues arise with corrosion that needs to be addressed
- Environmental wear and tear of equipment
 - Lenses/windows on level/leak gauges where illegible and unable to read
 - Labels fading to illegible
 - Storm damage (hurricanes/tornadoes/winds/rain)



Corrosion/Fading Label (Before Repair)



Corrosion/Fading Label (After Repair)

What We're Seeing

- **Fuel system outdated, 20-30 years old**
 - **AST Systems**
 - **Wear and tear of components**
 - **Accessibility of components**
 - Leak sensors on generator belly tanks
 - Ports not available for required venting
 - **NEX Systems**
 - **Seeing a lot of Under Dispenser Sumps and Transition Sumps that fail to pass integrity testing**
 - Designs not current – UST regulations for inspection testing became effective in 2018 but many systems installed way before this timeframe
 - Boots/sumps splitting/leaking
 - Underground piping out of date and cannot purchase adapters to repairs
 - Unique underground piping secondary systems that don't meet new requirements



Entry Boots (Before Repair)



Entry Boots (After Repair)

Potential work we are being inquired about

- Repairs to field erected tank systems



Contract Vehicles

- **Primarily utilize Environmental Technical Services (ETS) Contracts (\$4.5M)**
 - Basic contract includes pre-priced CLINs
 - Issue task orders off of the basic contract
 - Task orders will include negotiated CLINs for unique work
 - All task orders are Firm Fixed Price (FPP)
- **Evaluating Sole Source contracts for unique situations**
 - Potentially utilize for unique projects
 - Potentially utilize as means to not consume ETS capacity quickly



Questions