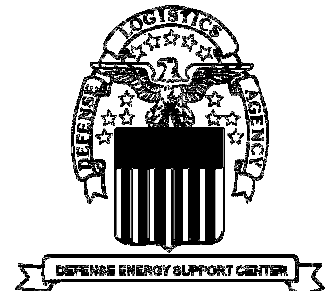


# *Norwalk Tank Farm Update*

*Defense Energy Support Center-  
Americas West  
Norwalk Tank Farm  
Restoration Advisory Board*

*October 26, 2006*



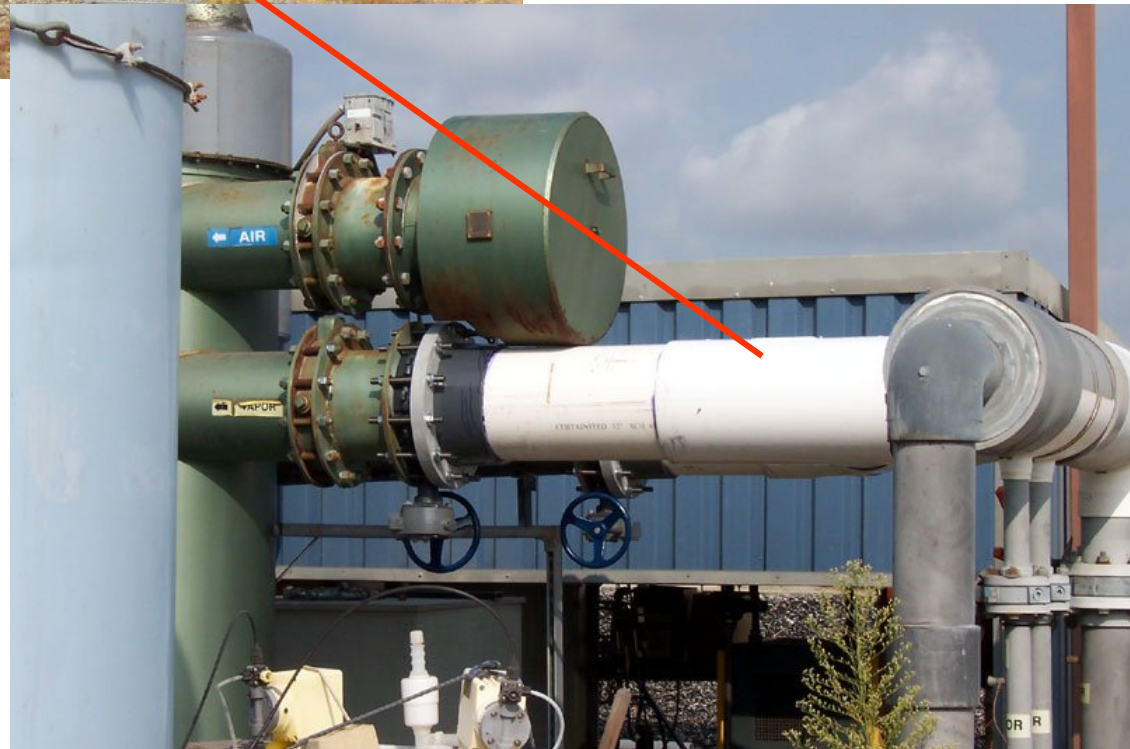
# Presentation Overview

## Topics to be Covered

- SVE System Modifications
- Groundwater Treatment System Upgrades and Expansion
- Hollifield Park & Dolland Elementary School Investigation Activities
- General Site Activities

# Central Plume Remediation

- SVE System Upgrades
  - System modified for use as Biovent or SVE (September 22, 2006)
  - Repaired pipe fittings and piping to enhance system efficiency
  - SVE System was momentarily operated to evaluate system performance
  - Currently SVE system is non-operational, but it is in ready-to-operate state



# Central Plume Remediation

- -GWT System Upgrades
  - Use of Programmable Server for remote data access
  - Modified system piping for air strippers and the surge tank)
- -Surge tank water recycled to reduce arsenic concentrations below the NPDES discharge limits. However no discharge to storm drain
- GWT system currently non-operational

# Central Plume Remediation

- System Performance since April 1996
  - Total Hydrocarbons Mass Removed:  
310,532 gallons.
    - Approx. 162,374 gallons recycled and destroyed
      - 55,538 gallons of free product recovered
      - 1,397 gallons of dissolved-phase hydrocarbons recovered
      - 105,439 gallons of volatile hydrocarbons recovered through SVE
    - Estimated 148,158+ gallons of hydrocarbons destroyed due to enhanced biodegradation
  - 42.2 M gallons of water treated
  - **No Change since 2nd Quarter 2006**

# **Eastern Boundary / Hollifield Park Update**

- Hollifield Park Soil & Groundwater Investigation Work
- Submitted a Soil & Groundwater Investigation Report
- Golden West/ Thrifty Oil Pipeline Update
- Discussion with regulator regarding Eastern Boundary



# Weed Abatement





# Planned Activities

- Fourth Quarter Groundwater Sampling
- Expand the capacity of the current GWT system
- Upgrades of the current GWT system will be concurrent with the system expansion activities
- Backflow pipe testing scheduled
- Hollifield Park/School Investigation Activities

# Discussion