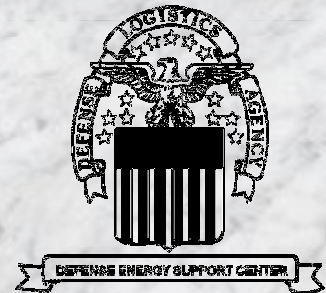


Norwalk Tank Farm Update

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

July 28, 2005



Presentation Overview

Topics to be Covered

- Central plume remediation system update
- Remediation Optimization

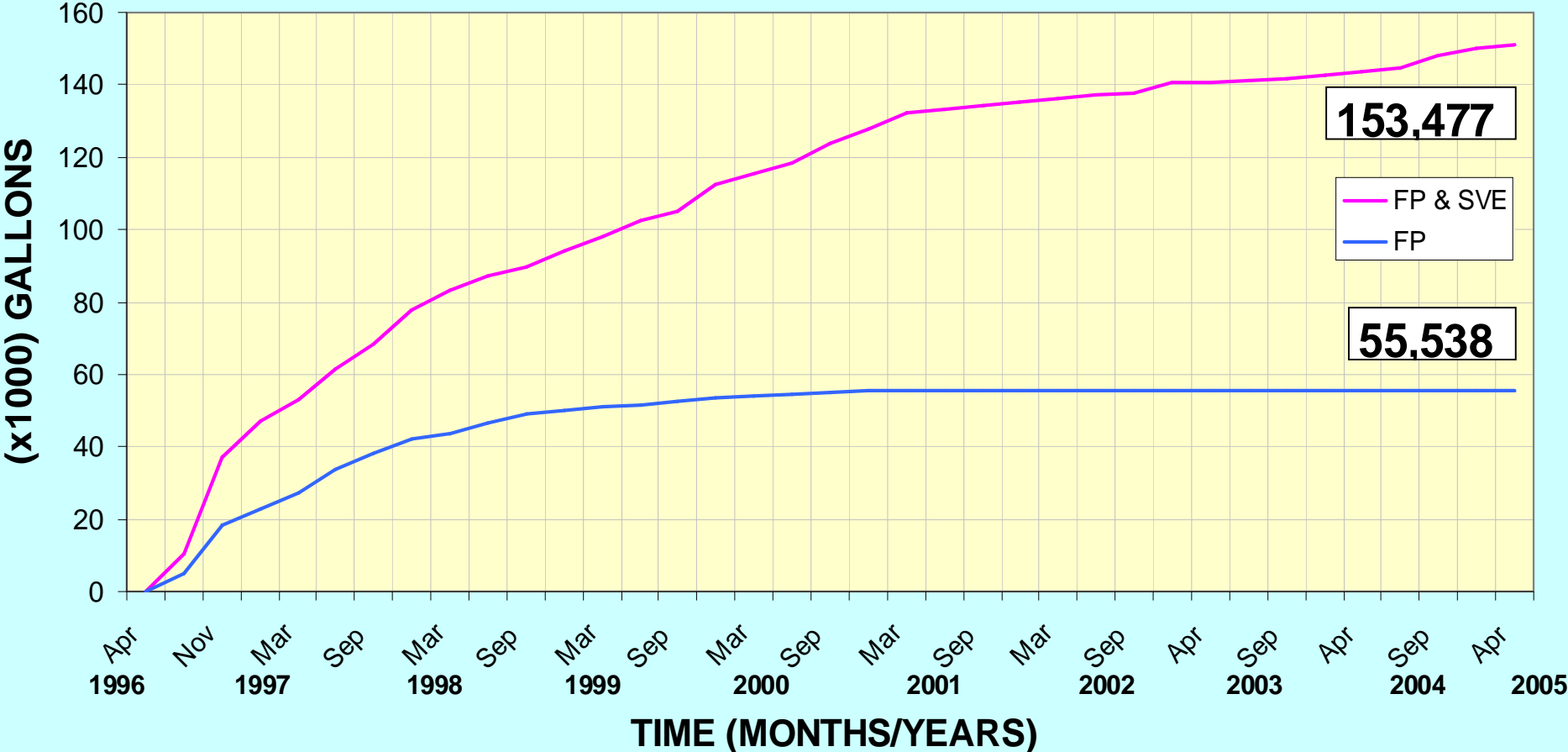
Central Plume Remediation

- System Performance Second Quarter 2005
 - Total Hydrocarbons Mass Removed:
6,023 gallons
 - Approx. 2,209 gallons recycled and destroyed
 - 0 gallons of free product recovered
 - 0 gallons of dissolved phase hydrocarbons recovered
 - 2,209 gallons of volatile hydrocarbons recovered through soil vapor extraction
 - Estimated 3,814 gallons of hydrocarbons destroyed due to enhanced biodegradation
 - 0 gallons of water treated

Central Plume Remediation

- System Performance since April 1996
 - Total Hydrocarbons Mass Removed:
284,531 gallons
 - Approx. 151,268 gallons recycled and destroyed
 - 55,538 gallons of free product recovered
 - 1,397 gallons of dissolved phase hydrocarbons recovered
 - 96,542 gallons of volatile hydrocarbons recovered through soil vapor extraction
 - Estimated 127,239 gallons of hydrocarbons destroyed due to enhanced biodegradation
 - 42.2 M gallons of water treated

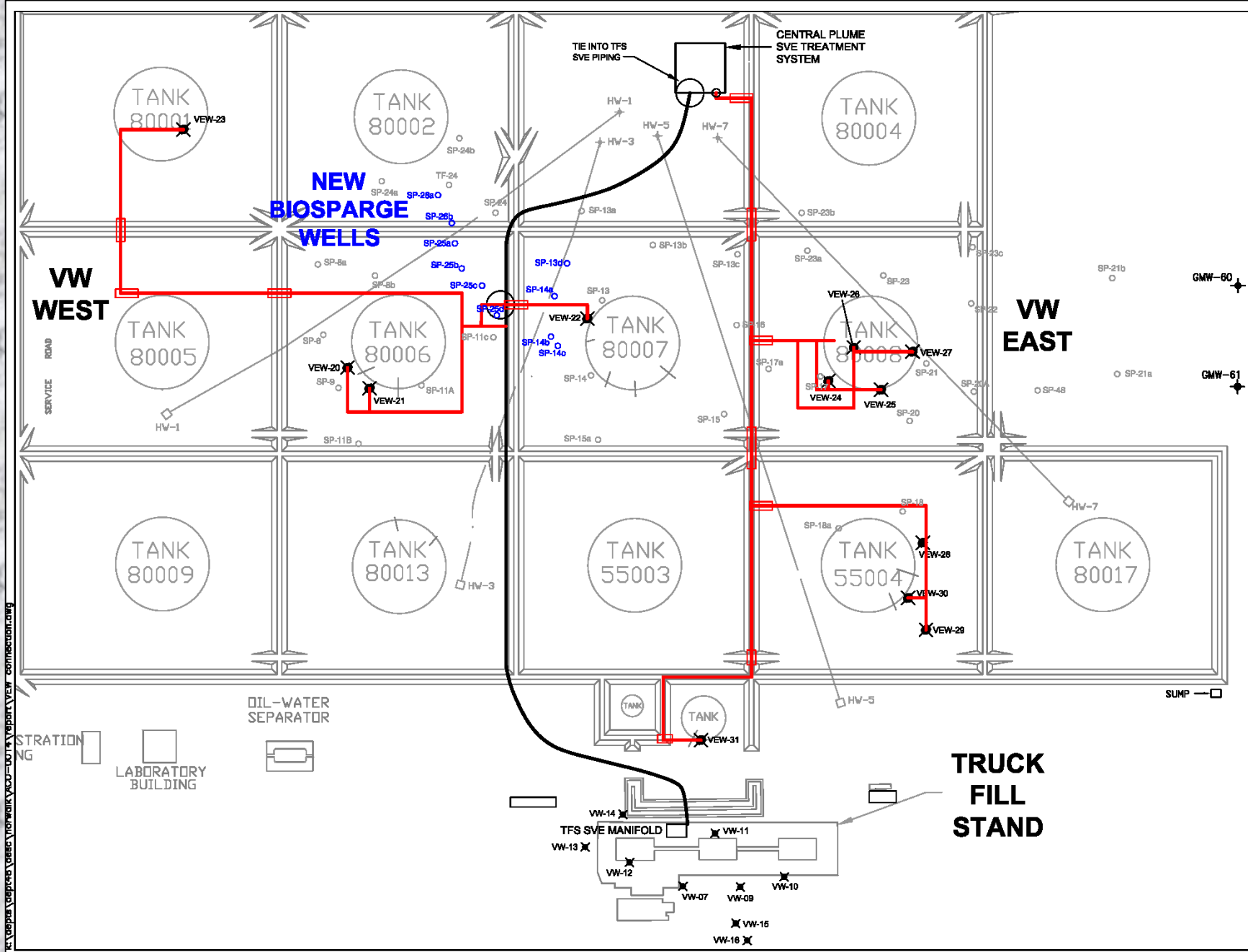
HYDROCARBONS & FREE PRODUCT-CENTRAL PLUME



Remediation Optimization

- Continued tank farm soil remediation through vapor extraction system (VES) and biodegradation
 - Removed over 6,000 gallons through biodegradation
 - Removed almost 1,500 gallons from VW wells
 - Removed over 700 gallons from truck fill stand (TFS)
- Commenced operation of expanded BS wells
- Submitted draft letter requesting:
 - Shutoff of groundwater treatment and free product recovery (GWT/FPR) system
 - Replacing VES with bioventing

Layout of DESC Remedial Systems



Wells GMW-60 and GMW-61 Testing—Forensics

- Submitted forensics report detailing results from 4 samples analyzed
 - PZ-3 and TF-18 “most closely resembles degraded JP-4 fuel”
 - GMW-60 and GMW-61 “not related to the product in PZ-3 and TF-18, and are likely from gasoline”
- No free product available from eastern wells for further analysis

No Parking Sign Installed on Bloomfield Gate



Discussion