

# Case Study #6

## Extraction Well & Pipeline Fouling

- **Vineland Chemical Superfund Site, NJ**
- **O&M costs exceed \$4 million/year**
- **Fouling by iron and IRB**
- **Extraction wells lost specific capacity over 2 years**
- **Extraction well redevelopment and pipeline cleaning required at least twice yearly, at \$200,000 annually**



## Case Study #6 (cont'd)

- **Treatment Program**
  - **Continuous treatment with Redux 333 eliminated redevelopment for some wells**
  - **Revised redevelopment procedure: Redux 510, low corrosivity acidic mineral scale remover, followed by Redux 550, alkaline cleaner and saponification agent**

