**Parcel E Overview**

- Approximately 128 acres in the southwestern part of HPNS
- Historically used as industrial support for shipyard activities
- Areas identified for remediation as a result of historical activities:
  - solvents used for coating and cleaning equipment, as well as automotive uses at Building 406
  - oil from former oil reclamation ponds
  - contaminants resulting from historical use by Triple A Machine Shop
  - radiological contamination in areas used by National Radiological Defense Laboratory (NRDL)
  - historical industrial waste storage and disposal areas

**Parcels E Schedule**

- **Phase 1: Site-specific Excavations and Treatment**
  - excavate contaminated soil; dispose off-site
  - close inactive underground steam and fuel lines
  - treat soil gas beneath Building 406
  - treat groundwater

- **Phase 2: IR-03 Shoreline and Oily Waste Pond Cleanup**
  - remove contaminated soil and sediment along IR-03 shoreline
  - treat oily waste in place to limit movement of contaminants from the source

- **Phase 3: Shoreline Excavations and Protection**
  - excavate contaminated shoreline soil and sediment; dispose off-site
  - install below-ground barrier (slurry wall) to control discharge of contaminated groundwater into San Francisco Bay
  - Install additional shoreline protection to prevent exposure to remaining contaminants, provide erosion control
  - Perform radiological screening; manage on-site materials; dispose off-site

- **Phase 4: Durable Cover**
  - Perform radiological survey; install durable cover

**Management and Maintenance of Remedies**

- The Navy will continue to monitor and maintain the remedy at Parcel E before, during, and after transfer of the property:
  - Inspect and maintain all parts of the cleanup solutions at Parcel E on a regular schedule
  - Evaluate the conditions of the remedy after a significant natural event occurs
    - earthquake
    - sea level rise
  - Make repairs or modifications if any part of the cleanup solution is damaged, altered, or jeopardized
  - Ensure no changes are made to any part of the final solution that would change the planned reuse
  - Monitor groundwater for chemical and radiological contaminants on a regular schedule