

# HONOLULU HARBOR

## Strategic Planning for Remediation

Honolulu, Hawaii

### Client:

Iwilei District  
Participating Parties,  
LLC.

### Contract Value:

\$500,000

### Performance Period:

2005—Present

### Technical Areas:

- Project Piloting
- Remediation

### Successes:

Prioritized risks in the District and established smaller, manageable Operable Units

Utilized advances in light nonaqueous phase liquid (LNAPL) science to gain regulatory agency approval of a remedy focusing on managing LNAPL in place



## BACKGROUND

The Iwilei District is located within the City and County of Honolulu, Hawaii and encompasses approximately 315 acres within the Honolulu Harbor area. The Iwilei District Participating Parties (IDPP) is working to remediate the impacts to soil and groundwater caused by past releases of petroleum hydrocarbons from historic storage tanks and below ground pipelines that are no longer in use.

## SES ROLE

SES has responsibility for the strategic remediation planning, feasibility studies, and conceptual designs for the remediation of the upland portion of Honolulu Harbor. SES staff is responsible for directing site-wide characterization and risk evaluations, as well as the division of the area into manageable smaller Operable Units. SES developed feasibility studies for the different Operable Units and selected preferred remedial approaches and plans. SES has recently initiated the preparation of remedial design documents. SES is also assisting in the planning and implementation of broad ranging Institutional Controls to augment the selected active remedial approaches. SES established and routinely updates long-term total remediation budgets for the project. SES conducts much of the strategic interface with the regulatory agencies on behalf of the group of responsible parties.



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