



WELCOME



# **Remedial Design Installation Restoration Site 34 Alameda Point, California**

**Restoration Advisory Board  
July 12, 2012**

**Presented by:  
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# Presentation Outline



- Site Location, Description, Background, and Milestones
- Nature and Extent of Contamination
- Remedial Action
- Remedial Design
  - Pre-Design Sampling
  - Remedial Action Overview
- Schedule
- Future of Site 34

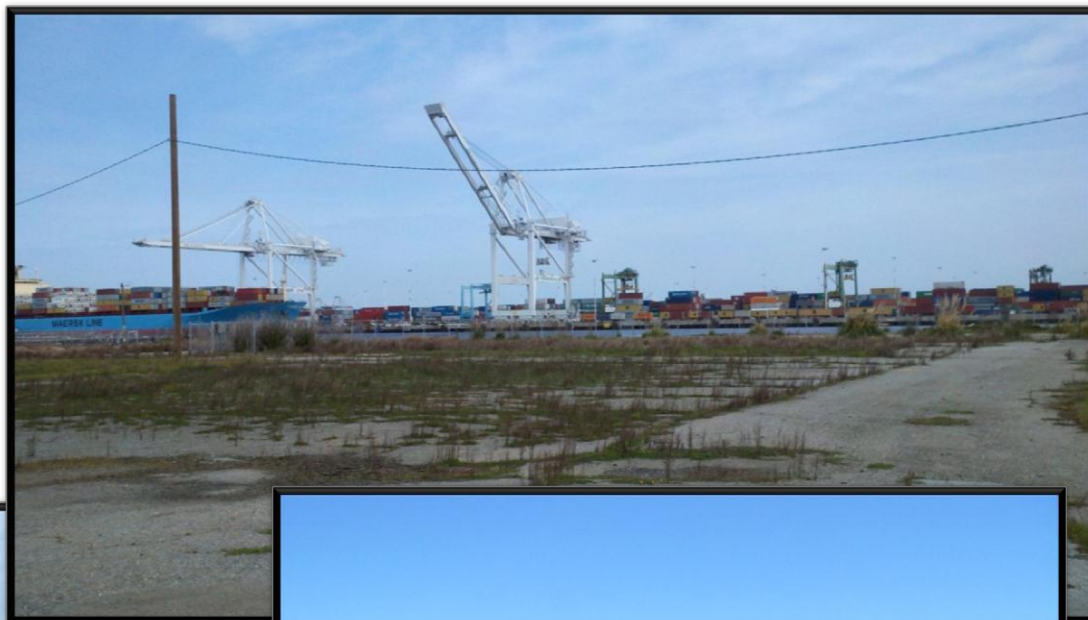
# IR Site 34 Location

Located in  
north-central  
portion of  
Alameda  
Point, south  
of Oakland  
Inner Harbor



# IR Site 34 Description

- 4.18 acre
- Partially paved, relatively flat open space
- Site formerly contained several structures including 12 buildings, ASTs, transformers, and an aviation fuel line





# IR Site 34 Background and Milestones



- IR 34 was a Naval Air Rework Facility (NARF)
- NARF provided maintenance of and fabrication services for equipment (scaffolding and other apparatus)
- Other activities included painting services, storage, wood and metal shops, and sandblasting
- Previous Investigations (1994 to 2007)
- The Record of Decision was signed in 2011

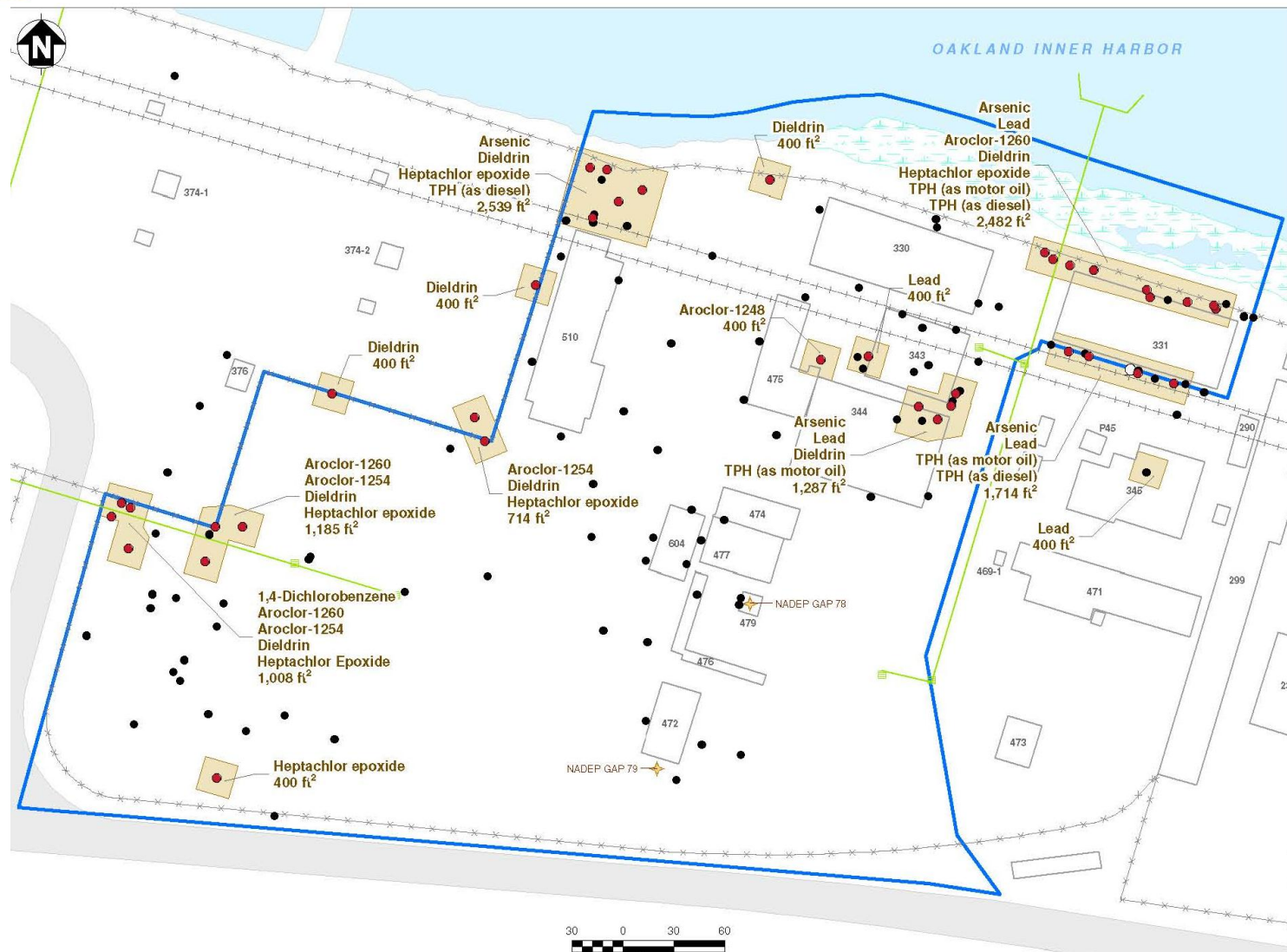


# Nature and Extent of Contamination



- The following Contaminants of Concern (COC)s exist in soil:
  - Metals (arsenic and lead)
  - VOCs (1,4-dichlorobenzene)
  - Pesticides (dieldrin and heptachlor epoxide)
  - PCBs
  - TPH

# Remedial Action Areas





# Remedial Action



- Excavation and disposal of soil and restoration of excavated areas
- Primary Components:
  - Soil excavation
  - If sampling results for COCs are above remedial goals, excavation will continue until remedial goals are achieved
  - Excavated soil will be disposed of off-site
  - Excavated areas will be backfilled



# Remedial Design



- Pre-design soil sampling and analysis was performed in April 2012 to further delineate the excavation boundaries at each Remedial Action Area
- Remedial Design/Remedial Action Work Plan is under development and the Draft will be submitted on July 31

# Pre-Design Sampling

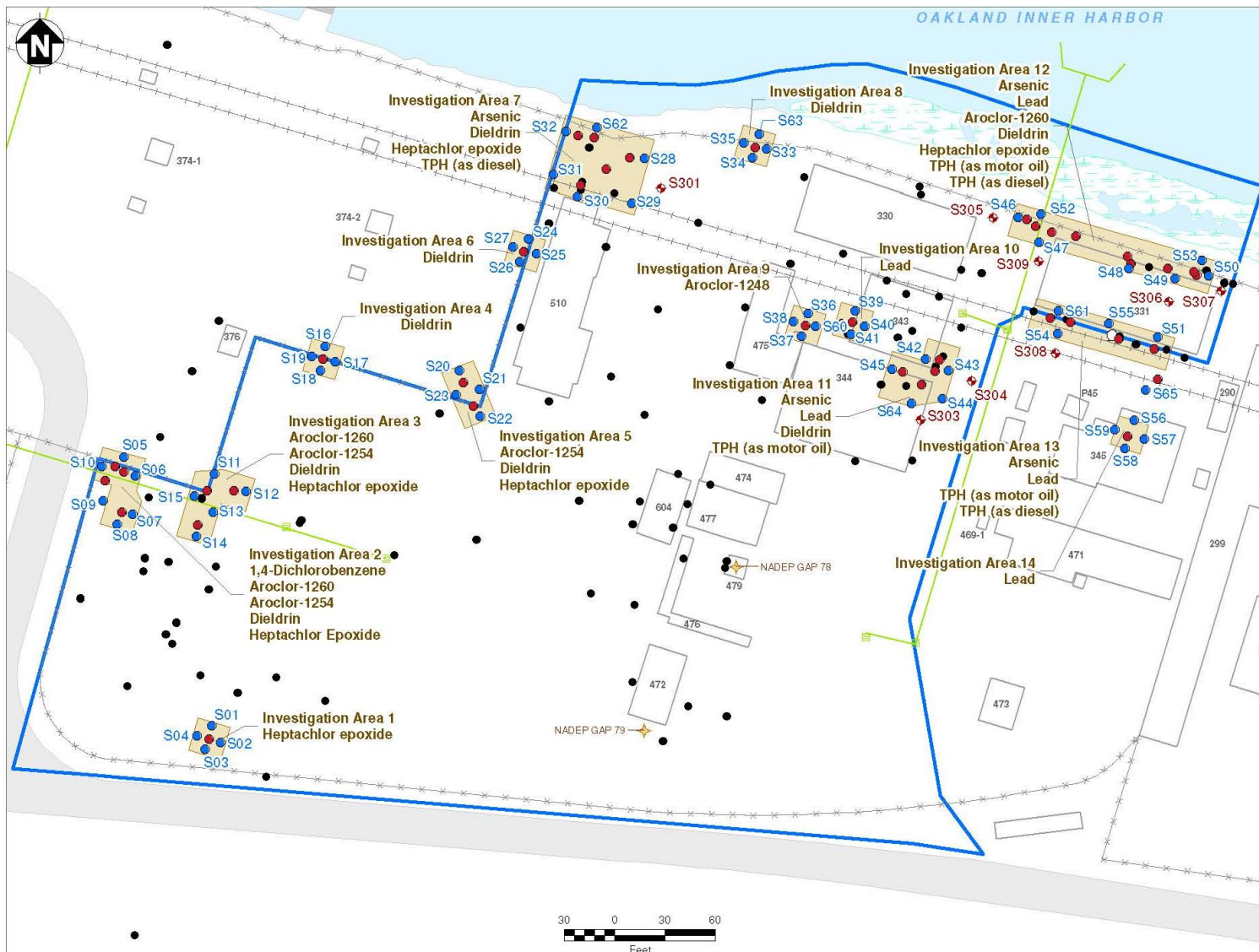


Direct push sampling through concrete foundation



Hand auguring shallow sample locations

# Pre-Design Sampling

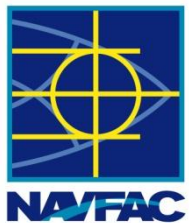




# Remedial Action Overview



- Excavation will be performed at each RAA as prescribed in the RD/RAWP
- Excavated soil will be stockpiled for characterization and disposal
- Confirmation sampling will be performed on each sidewall and the excavation bottom according to the project Sampling and Analysis Plan
- Sidewall and bottom samples will be collected on a 20 foot grid
- If confirmation sample results indicate the COC concentrations are below the RGs, the excavation will be backfilled



## Remedial Action Schedule



- Pre-design fieldwork was completed in April 2012
- Draft Remedial Design/Remedial Action Work Plan - July 31 and finalized in January 2013
- Fieldwork is anticipated to begin in January and be completed in April 2013
- The RACR is anticipated to be submitted in May and finalized in December 2013



## The Future of Site 34



- IR 34 is part of the Northwest Territories designated as public open space and parks (recreational)
- IR 34 is scheduled to be transferred in 2014

# Questions

