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

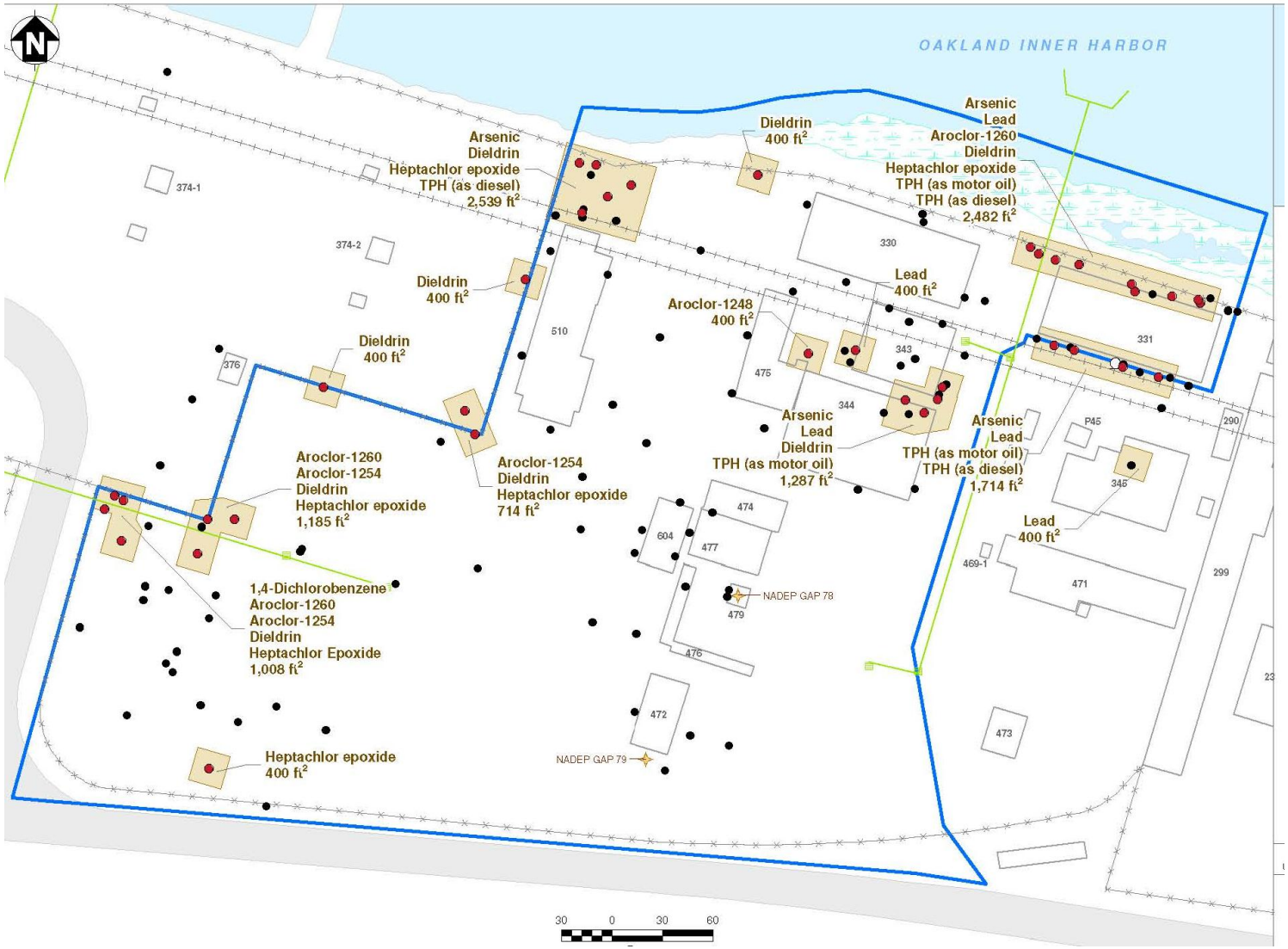
IR Site 34 Background and Milestones

- 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

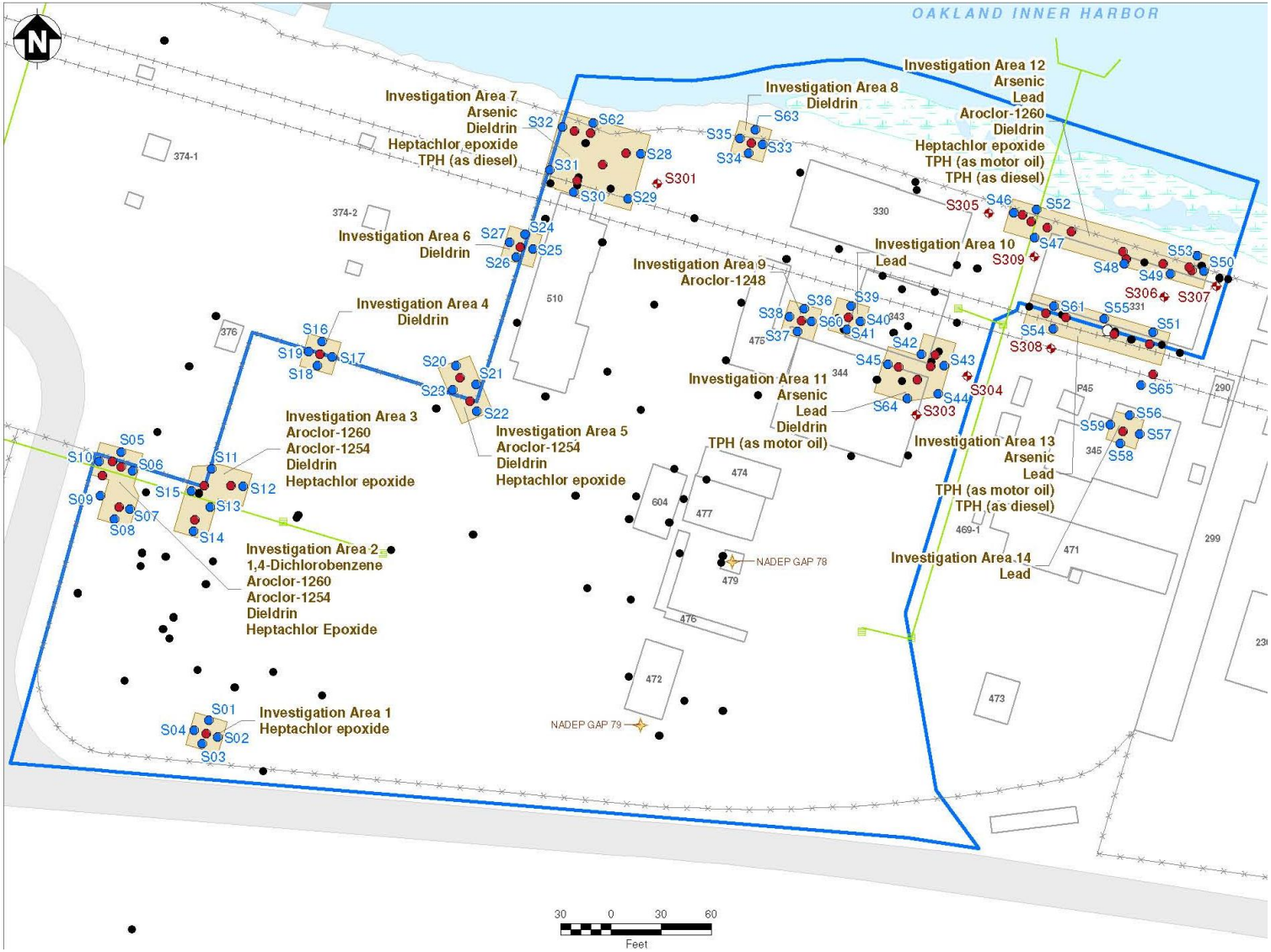
- Pre-design soil sampling and analysis was performed in April 2012 to further delineate the excavation boundaries at each Remedial Action Area
- Remedial Design/Remedial Action Work Plan is under development and the Draft will be submitted on July 31

Pre-Design Sampling

Direct push sampling through concrete foundation

Hand auguring shallow sample locations

Pre-Design Sampling



Remedial Action Overview

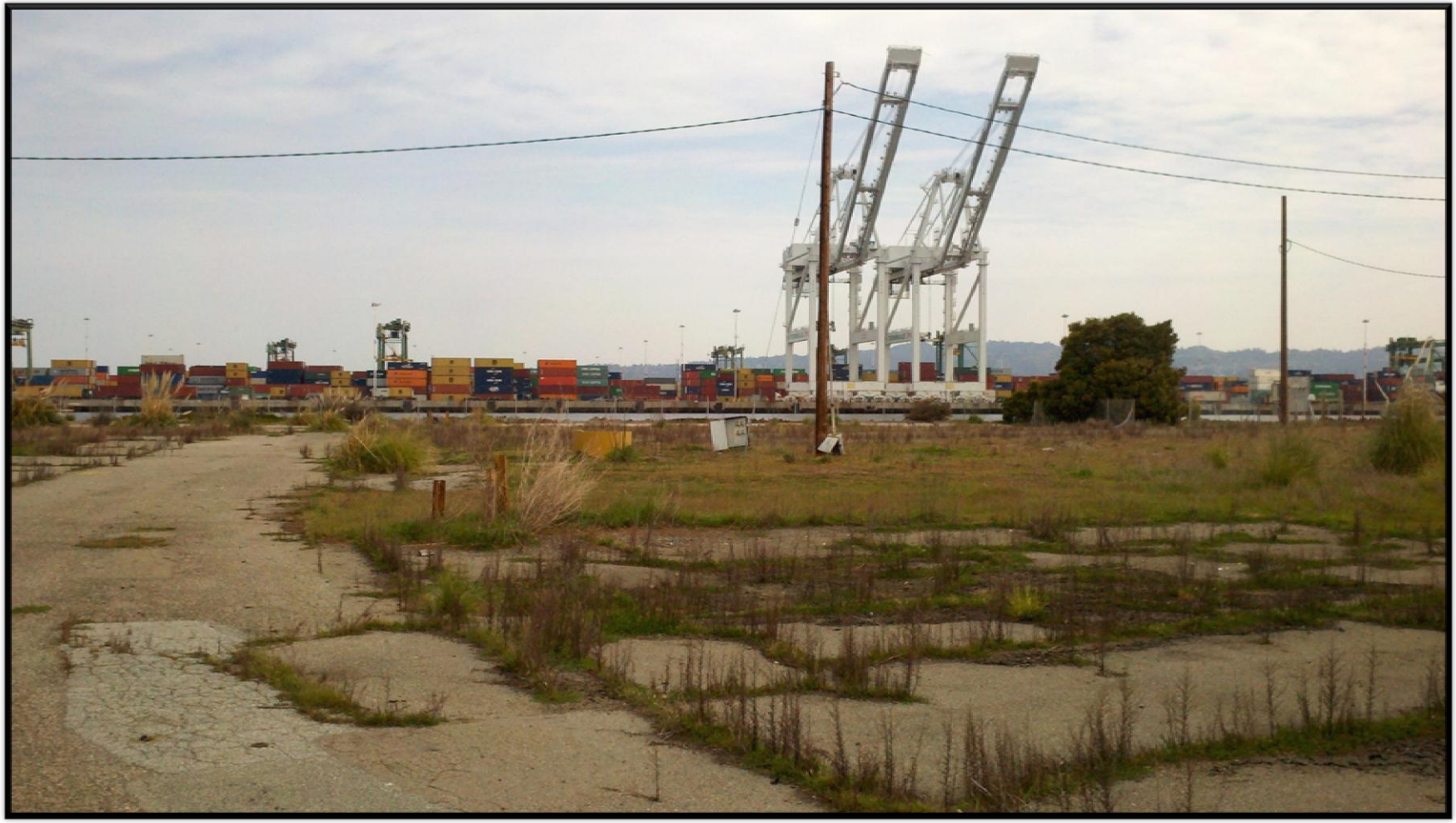
- Excavation will be performed at each RAA as prescribed in the RD/RAWP
- Excavated soil will be stockpiled for characterization and disposal
- Confirmation sampling will be performed on each sidewall and the excavation bottom according to the project Sampling and Analysis Plan
- Sidewall and bottom 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