

Former Sears Creek Station

Project Update

U.S. ARMY
DIRECTOR INDUSTRIAL OPERATIONS
PETROLEUM DIVISION
SEARS CREEK STATION



Tok Public Meeting
December 9, 2013

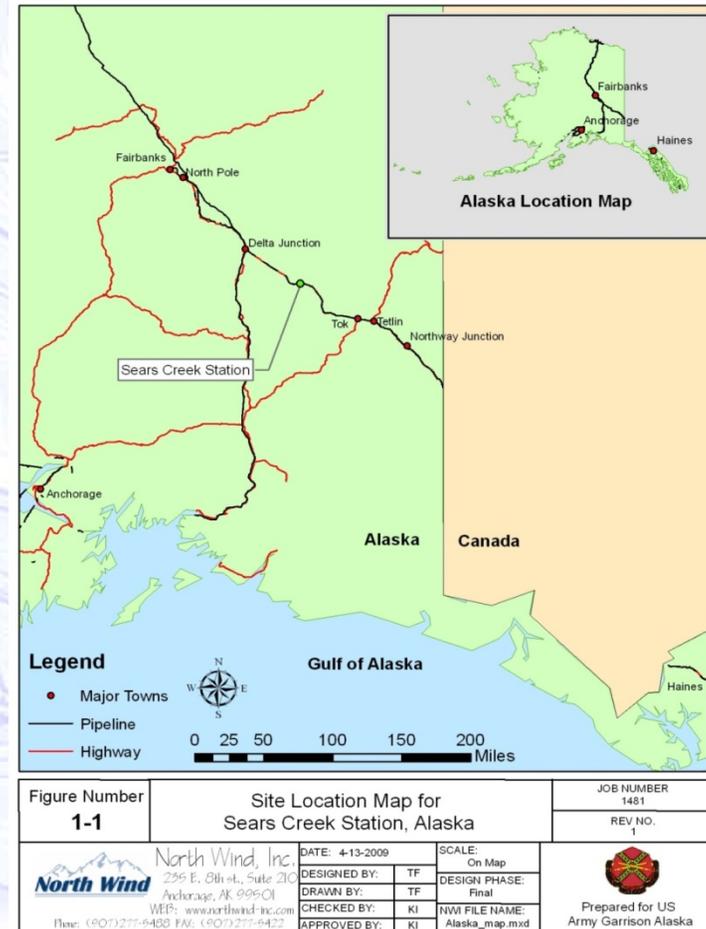
North Wind, Inc.

Presentation Contents

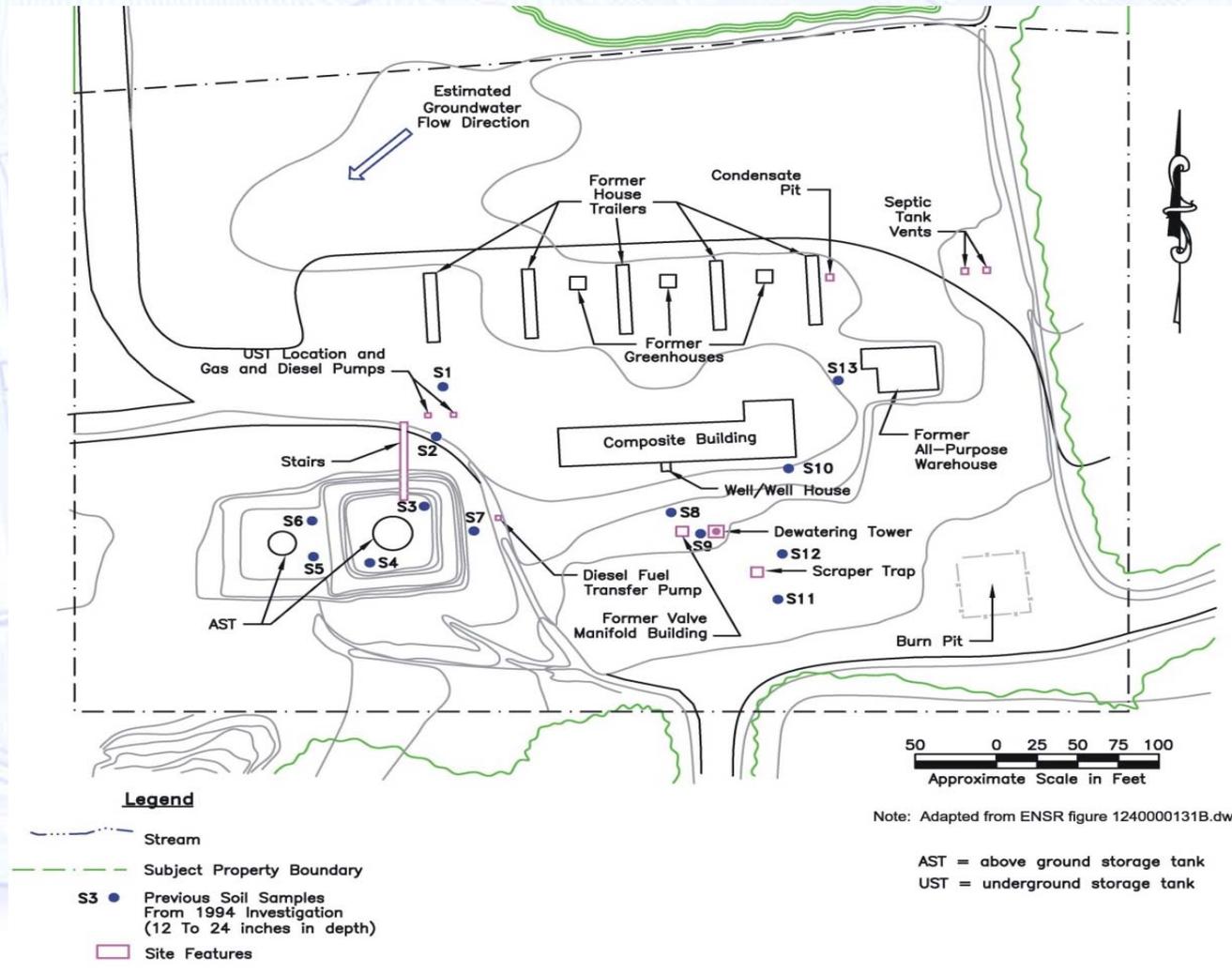
- Site Overview
- Previous Investigations
- Composite Building Hazardous Material Survey
- Burn Pit Excavation Plan
- Questions?

SCS – Site Overview

- Located about 60 miles NW of Tok and 50 miles SE of Delta Junction
- 1 of 6 booster stations added in 1961 to the existing Haines-Fairbanks Pipeline to increase pressure and flow
- The facility, including two bulk fuel storage tanks is still standing except for the housing area and the all-purpose warehouse.



SCS – Site Layout



SCS – Site Investigation Areas

- Aboveground storage tanks
- Underground storage tanks
- Diesel fuel transfer pump
- Septic system leach field
- Burn pit
- All purpose warehouse
- Composite building
- Scraper trap
- Valve manifold building

SCS – Previous Investigations

1994 USAPACEHEA Site Investigation

- Limited investigation, 13 shallow soil (12-to 24-inch depth) samples collected
- Not able to locate burn pit area
- Contaminant concentrations lower than State and Federal cleanup standards except for DRO concentrations at location No. 8 (near valve manifold building)

SCS – Previous Investigations

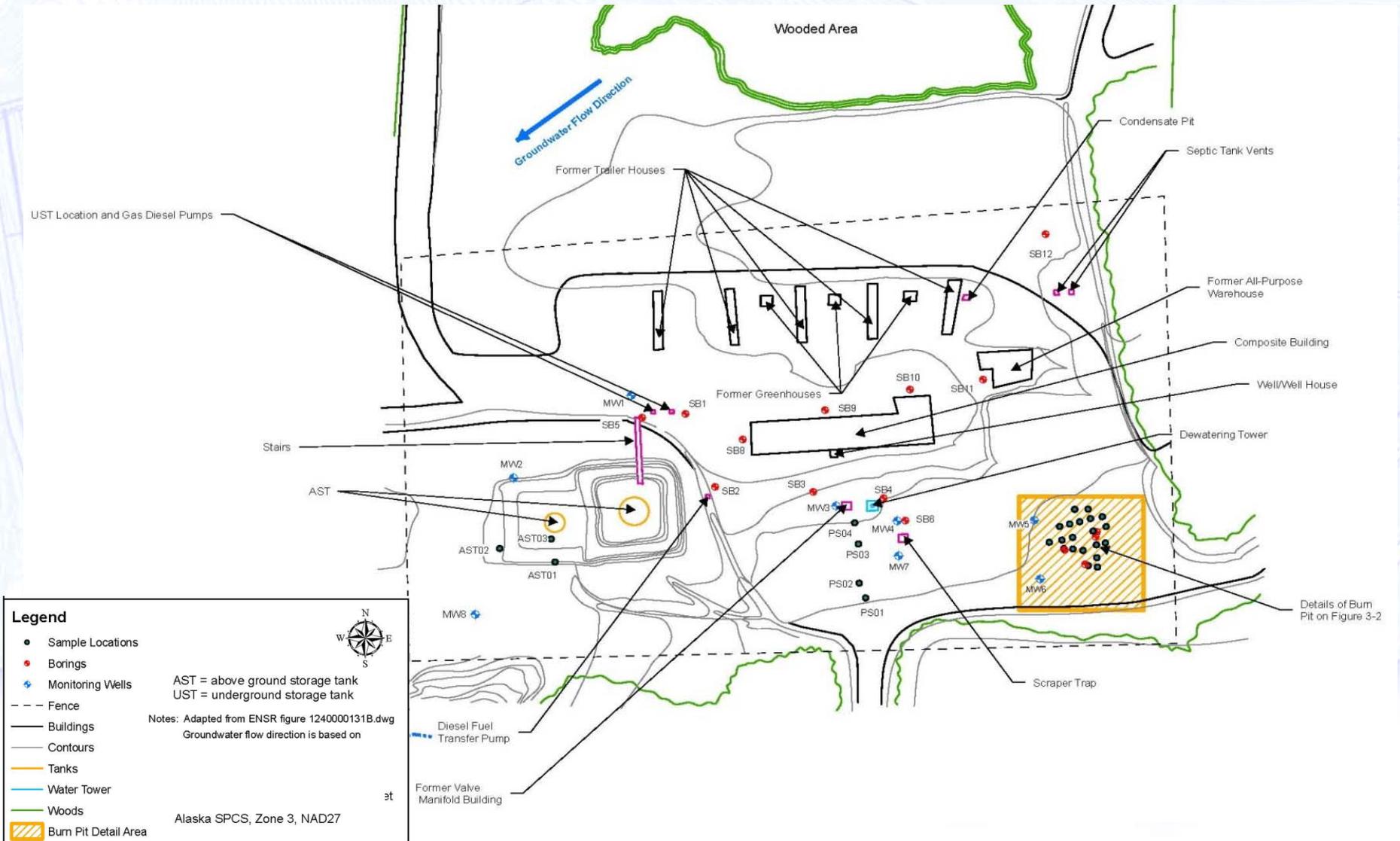
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2007-2008 North Wind RI/FS

- Installation and sampling of 43 soil borings
- Installation and sampling of 8 groundwater monitoring wells
- Samples analyzed for petroleum compounds, volatile and semi-volatile organic compounds, dioxins/furans, pesticides, and metals.



SCS – Results of 2007/2008 RI



SCS – Summary of Remedial Investigation

- 9 features at the site were investigated
- 1 of the 9 features had soil concentrations exceeding ADEC cleanup levels
 - Burn Pit contaminants of concern are DRO, GRO, 1,1,2-trichloroethane, 1,2,4-trimethylbenzene, 2-methylnaphthalene
- Groundwater contamination not present at this site

SCS – Summary of Feasibility Study

Selected Remedy:

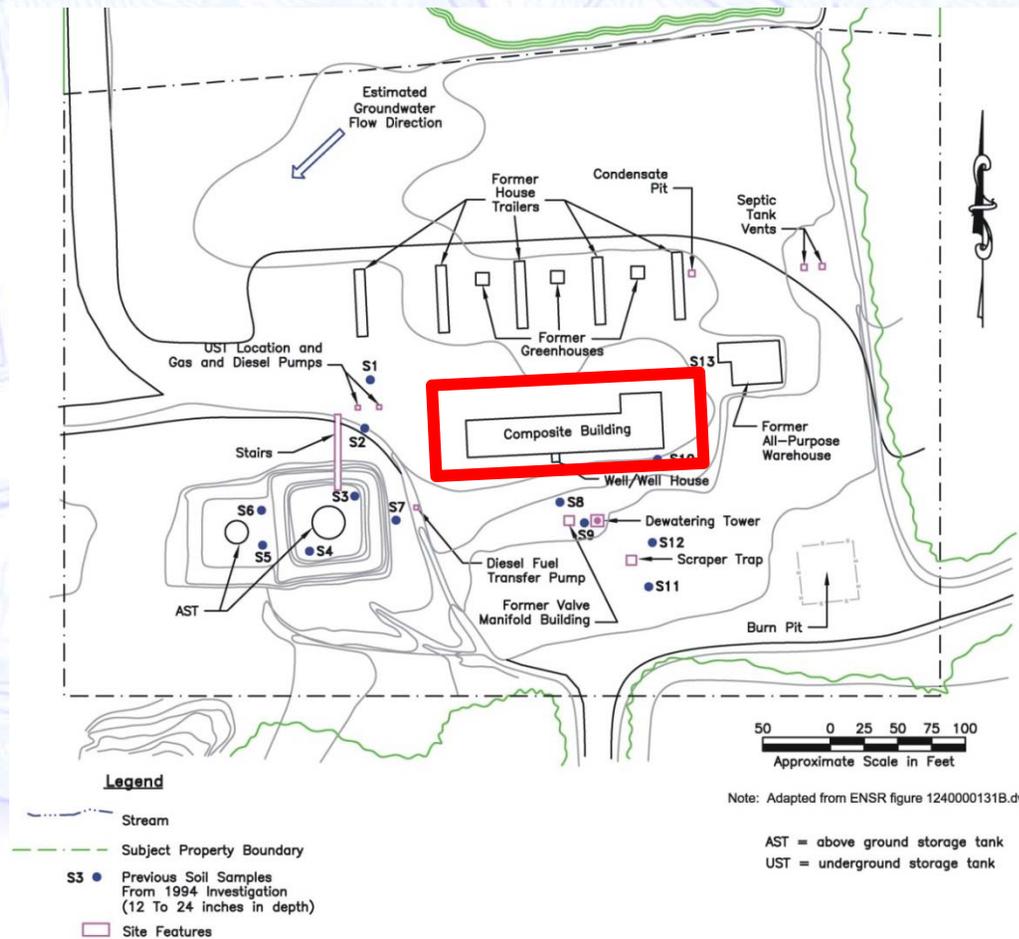
- Excavation with landspreading

Benefits:

- An effective long- and short-term alternative.
- Will eventually meet Remediation Action Goals and allow unrestricted use of the property.
- Is an easily implemented alternative.
- Presents the greatest benefit-to-cost ratio of all the alternatives considered.

SCS – 2013 Activities

Composite Building Hazardous Material Survey



SCS – Composite Building Hazardous Material Survey

Continued

- **Inspection for the presence, extent, and condition of possible Asbestos Containing Materials (ACMs) and lead based paint (LBP)**
 - Bulk samples were collected in areas with suspect ACM that may be disturbed during future projects
 - Paint chip samples were collected and analyzed for lead content

SCS – Composite Building Hazardous Materials Survey

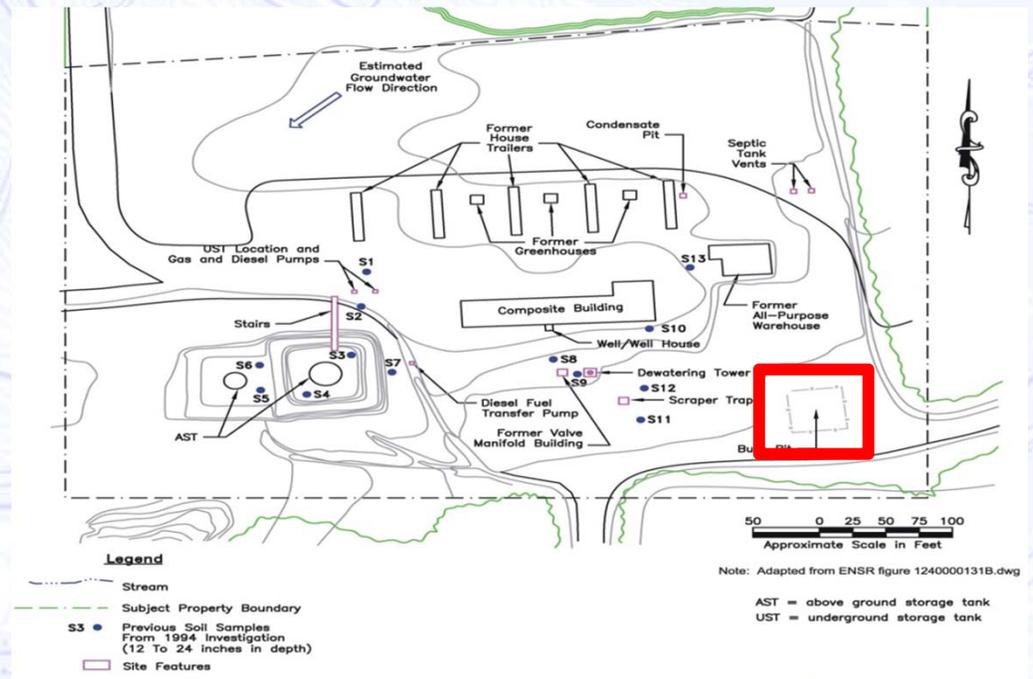
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- Collection of fluid from turbines, pumps, and sumps for characterization
- Investigated light ballasts and switch gear
- Data still being evaluated



SCS – Burn Pit Excavation Plan

- Return to site in 2014 to collect additional data to effectively plan the future excavation of burn pit area



SCS – Path Forward

- Conduct intensive records search
- Compile and evaluate data
- Identify data gaps
- Prepare comprehensive historical remedial investigation report

SCS – Army Path Forward

- Evaluate Community Interest in establishing a Restoration Advisory Board for Tok and Sears Creek
- Evaluate Contractor's lists of past activities, site features, data gaps and programmed investigations
- Provide electronic access to these records and recommendations
- Continue to move forward on existing actions to ensure completion of the investigation
- Would the Restoration Advisory Board/Community members like to see additional details at the next meeting?

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Questions?

