

# AHTNA

## Federal Scout Armories Environmental Remediation and Cleanup

*Ambler, Shungnak, Selawik, Kivalina, and Wainwright, Alaska*

*Alaska Army National Guard*

### ***Project Description***

Ahtna was awarded a contract to perform corrective actions to remove petroleum contaminated soil from five Federal Scout Armories in Ambler, Shungnak, Selawik, Kivalina, and Wainwright, Alaska. All five villages are located north of the Arctic Circle and are only accessible by plane and barge.

Prior to commencing excavation activities in each village, Ahtna lifted and/or moved the Federal Scout Armory buildings and associated above ground storage tanks to allow access to the contaminated soil underneath.

Photoionization detectors (PIDs) were used to guide the excavations and determine if all impacted soil with contaminant concentrations greater than Alaska Department of Environmental Conservation (ADEC) Method Two cleanup levels had been removed. Ahtna worked with the client and ADEC to determine which sampling methods best suited site conditions.

Ahtna removed more than 1,000 tons of petroleum-contaminated soil from the project sites. Soil was transported via barge from the remote villages for proper disposal at a permitted landfill. Analytical soil sample results indicated that Ahtna screening efforts successfully guided the removal of all contaminated soil with concentrations greater than ADEC cleanup levels. All sites were restored to conditions that are protective of human health and the environment. All buildings and associated structures were then replaced to their original locations after the remedial actions were complete.



***Environmental Remediation and Cleanup, Northwest AK.***  
*Water levels in the Kobuk River allowed barges to access Ambler and Shungnak for only six days, and Ahtna had the soil staged and ready for transport in time to meet the barges.*