

# HOONAH RADIO RELAY STATION



**Type of Contract:**  
Firm Fixed Price

**Role:**  
Prime Contractor

**Location:**  
Hoonah, Alaska

**Customer:**  
U.S. Army Corps of Engineers (USACE),  
Alaska District

**Contract:**  
W911KB-06-D-0007

**Value:**  
\$3.9 million

**Contact:**  
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In April 2006, the U.S. Army Corps of Engineers contracted with Bristol under a performance-based contract to conduct remedial activities at a former Radio Relay Station (RRS) located in a remote area of southeast Alaska, within the Tongass National Forest. The station is a Formerly Used Defense Site that was once a station for the Ballistic Missile Early Warning System and part of the White Alice Communication System.

The scope of the project includes excavation, transport and disposal of more than 2,900 tons of PCB-contaminated soil, as well as backfill of disturbed areas. Bristol is also responsible for preparing plans and reports, and conducting public meetings and an 8-hour Hazardous Waste Operations and Emergency Response training course in Hoonah.

A 2006 site investigation confirmed locations and volumes of soil contaminated by polychlorinated biphenyls (PCBs) and petroleum at levels exceeding the preliminary remediation goals established by the Alaska Department of Environmental Conservation.

Bristol identified approximately 800 cubic yards of PCB- and petroleum-contaminated soil that required further remedial action and submitted a



technical memorandum to the USACE and the ADEC in January 2007. Upon approval of the proposed action, Bristol prepared a remedial action plan to accomplish the excavation, transportation, and disposal of PCB- and petroleum-contaminated soils during the summer of 2007.

In 2007, Bristol removed approximately 1,093 cubic yards of PCB-contaminated soil from six areas and 19 cubic yards of diesel-contaminated soil from one area. Three areas were approved for closure, but due to a significant increase in the quantity of PCB-contaminated soil, Bristol was not able to ask ADEC for a conditional site closure for the entire site. Work continued in summer 2008.

Bristol conducted two public meetings, one in 2007 and one in 2008, informing and updating the community of Hoonah about remedial action plans for the site.



*Field screening for PCB levels (top) was used to guide the site excavation (bottom).*

## PROJECT TASKS INCLUDED:

- Preparation of planning documents, including a Quality Assurance Plan, Work Plan, and Sampling & Analysis Plan
- Mobilization and demobilization to and from a remote Alaskan site
- Excavating and disposing of soils contaminated with PCBs
- Backfilling the excavation area.

## UNIQUE CHALLENGES ASSOCIATED WITH THE PROJECT INCLUDED:

- Identifying suitable remedial solutions for PCB-contaminated soils
- Logistics of transporting PCB-contaminated soil from a remote Alaska site to Utah for thermal incineration treatment
- Working with regulatory agencies, ADEC and the U.S. EPA, to ensure client met regulatory requirements for a conditional site closure.



*Bristol was responsible for determining logistics for excavation, transportation, and disposal of PCB-contaminated soil from this remote Alaska site.*



*Site work continued in summer 2008.*

