

ARCTIC SURPLUS

TOTAL ENVIRONMENTAL RESTORATION CONTRACTS

A SUCCESS STORY

Arctic Surplus, a 24-acre site located in southeast Fairbanks, is on the U.S. Environmental Protection Agency (EPA) National Priorities List. Numerous operations contributed to the site's contamination, including the disposal of hazardous materials by the Defense Reutilization and Marketing Office for Fort Wainwright and Eielson Air Force Base. Salvage operations at the site included acceptance of military equipment and materials, asbestos insulation, and various oils. Metal recovery operations included battery cracking and transformer burning. In 1995, the EPA issued consent decrees to the Defense Logistics Agency (DLA) to clean up the site.

DLA tasked the U.S. Army Corps of Engineers to characterize, remove, and dispose of an unknown quantity of 55-gallon drums and polychlorinated biphenyl (PCB) transformers. Faced with an

TERC WORKS



Drums being rinsed. Water collected from the rinse process was recycled.



TERC best-value analysis saves time and money.

undefined project scope, the Alaska District selected its TERC contractor, Jacobs Engineering, to perform this work on the cost reimbursement contract. During 1996, the contractor performed numerous analyses and completed the following activities: soil sampling; drum cleaning; removal, transportation and disposal

of drum contents; disposal of 21 PCB transformers in a permitted disposal facility; and removal and incineration of four electrical PCB condensers.

The TERC contractor characterized and consolidated the contents of 3,100 drums and transported the filled drums to permitted disposal facilities. During this effort, the contractor performed best-value analyses and determined that consolidating and recycling all the drums on-site instead of over-packing them for safe transport off-site would substantially reduce disposal costs. The contractor engineered a system to treat and recycle rinse water derived from the drum cleaning process and developed special equipment to remove stacked drums for transportation to the staging area for cleaning. In addition, the contractor cleaned and cut or crushed empty drums and delivered nearly 80 tons of steel to a landfill in Fairbanks for recycling.

Local labor used extensively.

Eighty percent of on-site labor and one-half of the total project budget was committed to the local economy. Six subcontractors, all from the Alaska business community, supported the project. Over 3,000 hours of work were completed without a safety incident or injury.



ALASKA DISTRICT

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