

FORT ORD

TOTAL ENVIRONMENTAL RESTORATION CONTRACTS

A SUCCESS STORY

Fort Ord, located on 28,000 acres 105 miles south of San Francisco, was closed in 1993 through the Base Realignment and Closure process. As part of that process, the Army must clean up areas contaminated as a result of past military activities. One such area is the Operable Unit 2 landfill site, which operated from 1956 to 1987. Operable Unit 2 consists of six landfill areas used for residential and on-base commercial waste disposal.

The cleanup remedy for this site included a pump-and-treat facility, the consolidation of the various landfills into two main areas, and the placement of an engineered cap to prevent water infiltration and any further leaching of contamination into the aquifer. The Sacramento District of the U.S. Army Corps of Engineers assigned

TERC WORKS



Capping of Operable Unit 2 landfill site.



Project remained within budget despite 30% scope increase.

this remediation effort to International Technology Corporation, its TERC contractor.

The contract scope originally included the removal and relocation of 1.4 million cubic yards of material. As the landfill was uncovered, the scope increased 30 percent. Additionally,

when unknown contaminants were discovered at the landfill, work was stopped and workers were evacuated from the site. The work stoppage continued until the risk could be evaluated and the appropriate handling and disposal methods determined. The flexibility of the TERC approach facilitated the handling of these disruptions with minimal cost or schedule impact.

TERC partnership reduced unit costs by over 30%.

Since the TERC contractor was managing other sites requiring the removal, treatment (screening), and off-site disposal of material, it could shift resources with little or no lost effort. By disposing of contaminated material in the landfill and using clean material in the foundation or cap cover, the contractor reduced the requirements for both off-site disposal of contaminated material and importation of clean fill.

Using a TERC contractor to manage a total installation program instead of operating each project as a separate contract has produced significant savings. Although the amount of material for all sites increased significantly, innovative problem-solving by the TERC team reduced the per-yard handling costs from \$28 to \$19, allowing the project to remain within budget.



SACRAMENTO DISTRICT

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