

Exo Tech performed an In-Situ Chemical Oxidation (ISCO) treatment at a military facility (defense contractor) where chlorinated solvents were previously utilized (inactive SWMU). This site contained a dissolved plume of tetrachloroethylene (PCE) in low concentrations ranging from 20-100 ppb and covering an 11,080 square foot area. Although the concentrations were lower than levels typically treated using ISCO, the client requested the treatment to facilitate a rapid sale of the property.

Exo Tech installed 51 injection wells and conducted three small dose ISCO injections. A total of 12,320 pounds of iron activated sodium persulfate was injected. Due to problems associated with preferential weathering of the formation (saprolite), the injection required delivery through DPT rods in some areas using larger volumes of oxidant fluid. Confirmatory sampling results indicated non-detect concentrations in all target wells. The site received a No Further Action letter in February 2011.

