

Soil Vapor Extraction: Test begins on Dunn Field

The Memphis Depot has designed a pilot project to test the effectiveness of a potential cleanup method to reduce solvent levels in soil at Dunn Field.

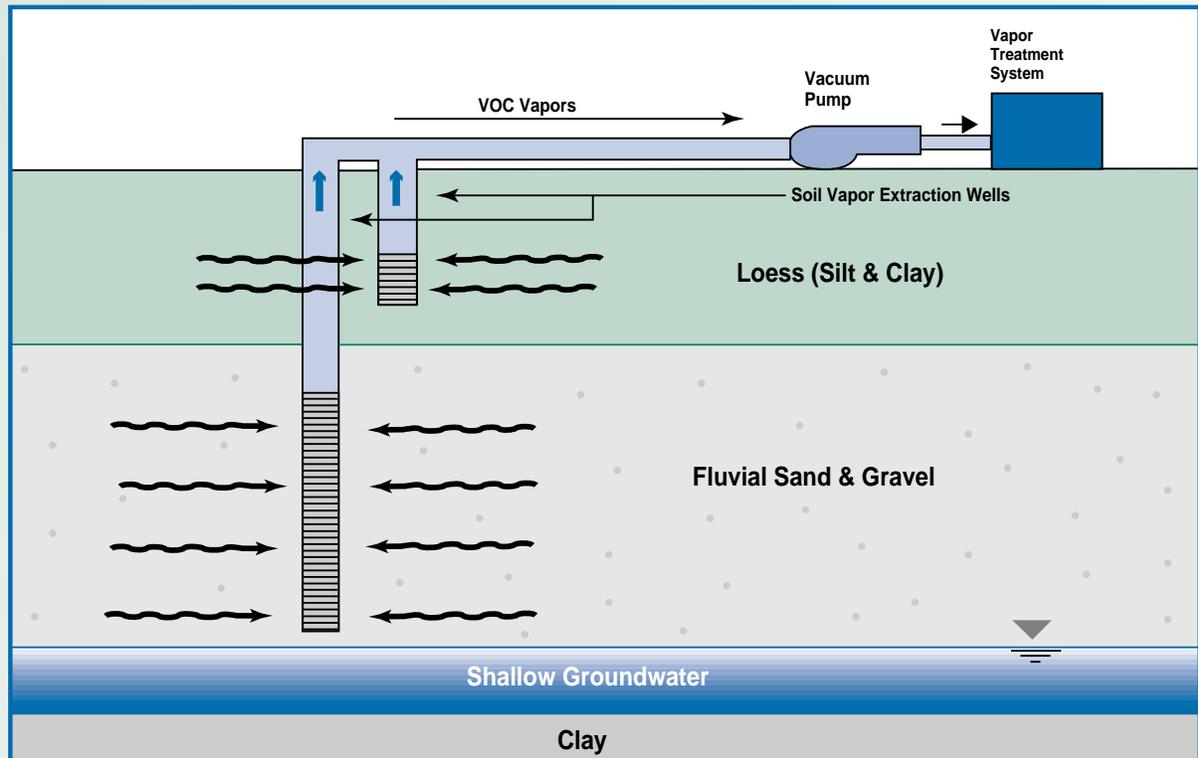
Soil vapor extraction, known as SVE, is one of the most frequently used treatment methods to remove contaminants that evaporate easily from soil. These contaminants include volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), such as the solvents found at Dunn Field.

SVE pulls air through the soil turning the solvents to vapor. The extraction system then collects the vapor and passes it through a series of filters that remove the solvent. The pilot project at Dunn Field will test the effectiveness of SVE to reduce solvent levels in soil up to 75 feet below the ground surface.

“Vapor and air samples will be collected throughout the test to ensure the safety of the community and

evaluate the effectiveness of SVE as a potential treatment method,” said Clyde Hunt, the Depot’s Remedial Project Manager. “Once we have collected the data from the test, we will then determine if SVE is an effective cleanup remedy in the Feasibility Study for Dunn Field.”

A temporary vapor extraction system and three new monitoring wells will be constructed for the pilot project by the end of October. The project will also use four monitoring wells already in place at Dunn Field. The pilot project is expected to take 14 days in November. □



TAPP grant awarded to Hess Environmental Services

Hess Environmental Services, Inc. (HES) of Memphis has been awarded a Technical Assistance and Public Participation Grant (TAPP) from the Defense Logistics Agency.

The purpose of a TAPP Grant is to provide a mechanism for community members of Restoration Advisory Boards (RABs) to obtain professional technical assistance to help them understand and provide input to environmental restoration programs at Department of Defense sites.

Founded in 1982 by Connie Hess, HES is a privately owned environmental consulting firm located in Memphis.

A licensed engineering firm and a Certified Woman Business/Disadvantaged Business Enterprise, HES has assisted clients in Tennessee, Arkansas, Mississippi and many other states. HES has a team of engineers, geologists, chemists, and environmental specialists with expertise in virtually all areas of environmental compliance and remediation.

As the TAPP contractor for the Memphis Depot, HES will review technical documents and provide assistance to the RAB until July 2002. □