

Research Projects

Field investigation of natural attenuation of chlorinated solvents--Picatinny Arsenal, New Jersey

Trichloroethylene (TCE), which is a common cleaning solvent and degreaser, has contaminated a sand and gravel aquifer near Picatinny, New Jersey. Investigations have focused on measuring natural processes that are removing TCE from ground water (such as degradation by microbes and loss as vapors to the atmosphere), identifying causes for the persistence of TCE in the aquifer, and field testing new remediation technologies.

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- [DNAPL Removal Key to Accelerated, Less Expensive Remediation](#)
- [How do you Clean Up Gasoline Spills Naturally?](#)
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- For additional information about the Picatinny Toxics Site please contact [Thomas E. Imbriotta](#), USGS [New Jersey Water Science Center](#)

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U.S. Environmental Protection Agency scientists collecting aseptic core samples using a specialized auger rig and a nitrogen-filled field glove box (circa 1989).

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