



Research Projects

Creosote Waste in Ground Water -- Pensacola, Florida

Wood preservatives (creosote and pentachlorophenol) were discharged into two unlined pits near Pensacola, Florida, for more than 80 years. The contaminants seeped into an underlying sand and gravel aquifer and created an underground waste plume 1,000 feet long. This study is focused on the occurrence, transport, and degradation of organic contaminants associated with the wood preservatives. The study demonstrated the ability of naturally occurring microorganisms to degrade many of the organic contaminants to less toxic compounds.

More Information

- [Project Bibliography](#) 71 Publications
- For more information please contact Ean Warren at ewarren@usgs.gov

Project Remediation Related Activities

- [Natural Attenuation of Wood Preservatives in Ground Water](#)

Other Chlorinated Solvent Remediation Related Activates

- [Chlorinated Benzene Plume Source Area Containment Test \(Oxygen-Release Compound Injection\)](#)
- [Solvent Plume Source Removal Test \(Fenton's Reagent\)](#)
- [Can Trees Clean Up Ground Water? Phytoremediation of Trichloroethene-Contaminated Ground Water at Air Force Plant 4, Fort Worth, Texas](#)
- [Phytoremediation in the Desert?](#)

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