

Site Information  
57th & Broadway  
Superfund Site  
Wichita, KS

**Client Information**  
USEPA Region VII

### Project Highlights

- The 57th & Broadway Superfund site is regulated by the USEPA Region VII office.
- The site is a listed on the National Priority List (NPL).
- Site Contaminants include DCE, TCE, PCE and Vinyl Chloride.
- EnviroTrac designed and constructed two separate SVE systems for the site.
- EnviroTrac currently provides operation and maintenance services for the systems.

# REMEDIAL SYSTEM DESIGN & INSTALLATION

EnviroTrac was contracted to complete a Soil Vapor Extraction Pilot Study for the Region VII of the USEPA, at the 57th and Broadway Superfund Project located in Wichita, KS. The Superfund site consists of multiple responsible parties that have contributed to the contamination that has impacted several private wells in this mixed use (residential, commercial, and industrial) community. Two of the responsible parties, the Midland Refinery site and the former Wilko Paints site require active remediation. The contaminants of concern include 1,1-dichloroethene (DCE), trichloroethene (TCE), Tetrachloroethene (PCE), and Vinyl Chloride.

The scope of work involved the installation of pilot test wells and performing SVE field testing at both locations to collect site specific information. Project objectives were to develop sufficient process design and construction of two separate full-scale SVE systems. Design information included radius of influence, SVE well spacing, system layout, and equipment design specifications.

Once the design was completed, EnviroTrac was awarded the contract to install both remediation and groundwater monitoring wells, construct and startup both SVE systems and provide O&M services. The systems were successfully installed in 2002 and are now being operated by EnviroTrac.



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