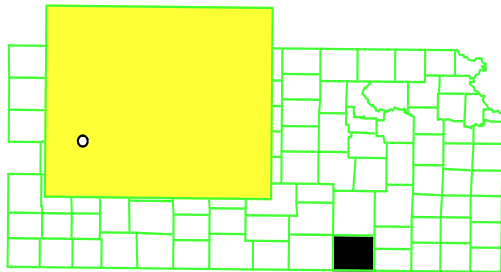


**STROTHER FIELD  
INDUSTRIAL PARK**  
KANSAS  
EPA ID# KSD980862726

**EPA Region 7**  
City: Near Winfield and Arkansas City  
County: Cowley County  
Other Names:

09/16/2008



## **SITE DESCRIPTION**

Strother Field Industrial Park is located near Winfield and Arkansas City and covers approximately 2 square miles. Until 1946, the site was a military facility. The site now consists of about 20 industrial and commercial businesses, as well as two inactive solid waste landfills. The landfills were used for the disposal of various industrial wastes. Groundwater is contaminated with volatile organic compounds (VOCs). Until 1983, the Strother Field Commission operated a water supply system, consisting of eight wells on the site. The contaminated groundwater no longer is used for drinking, but still is used for industrial processes. Drinking water was provided by trucks until the Commission installed two wells upgradient of the contaminant plume, providing a safe supply of drinking water. Approximately 2,300 people live within a 3-mile radius of the site. The size of the worker population on the site is approximately 2,000. There are private and public wells located in the vicinity of the site; some private wells are in the industrial park.

### **Site Responsibility:**

This site is being addressed through Federal, State, and potentially responsible parties' actions.

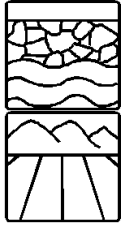
### **NPL LISTING HISTORY**

**Proposed Date:** 10/15/84

**Final Date:** 06/10/86

**Deleted Date:**

## **THREATS AND CONTAMINANTS**



Samples collected and analyzed by the State indicated the presence of VOCs including trichloroethylene (TCE) in several wells used for industrial processes only. People who ingest or come into contact with contaminated groundwater may be at risk.

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## CLEANUP APPROACH

### Response Action Status

**Immediate Actions:** After the use of the industrial park wells as a source of drinking water was discontinued, water was brought in by tank trucks. The Strother Field Commission installed two wells upgradient of the contaminated plume to supply water. Two of the eight wells remained in use to supply process water for the industries located on the field. For the last several years, the Strother Field Commission has pumped these wells to contain groundwater contamination beneath the site. In 1985, General Electric, a potentially responsible party, installed groundwater extraction wells and air stripping towers to remove VOCs from the groundwater under an Administrative Order with the Kansas Department of Health and Environment (KDHE).

**Entire Site:** The State oversaw an investigation by the potentially responsible parties that identified the types of contaminants remaining in the groundwater and other areas and has recommended a remedy for final site cleanup. The Record of Decision (ROD) was signed in March of 1994 and the remedy included pumping and treating the groundwater and soil vapor extraction to clean up the soil. A Unilateral Order (UAO) was issued by EPA in September of 1994 to complete the Remedial Design (RD) and Remedial Action (RA). Extensive information was gathered during the RD, which was approved in January of 1998. It was determined that there needed to be changes to the RA that had been selected in the ROD and an Explanation of Significant Differences (ESD) was signed in December of 1998. The first UAO was withdrawn because of the changes deemed necessary in the ESD and a Consent Decree for the revised RA was filed in April of 2004.

The RD had determined that the insitu conditions at the Site were favorable for natural attenuation to occur and the ESD called for pumping and treatment at a lower rate with fewer wells that were called for in the ROD, expanded groundwater monitoring, natural attenuation of groundwater and that soil vapor extraction (SVE) at the Greif Brothers facility was not feasible and an asphaltic cap was planned at the two areas where contaminants had been released.

The RA implementation for the groundwater (improvements to the system were started in January of 2002 and completed in April of 2004) and continues to be monitored and maintained.

A five year report was completed in September of 2006 and recommended that the

extraction, treatment and monitoring of the groundwater and natural attenuation process continues; a review of the entire system to determine if any optimization could be completed; a review to determine if any reuse options were feasible for the discharges from the air-stripping units; a review of the system should consider any additional development plans at the industrial park and surrounding area and the completion of the design and construction of the caps be completed.

An evaluation report in response to the five year review report was submitted to EPA from the PRPs in March of 2007. It included recommendations to modify the field sampling plan, which had been in place since 1995, a schedule to complete the the caps in the two areas of the Greif Brothers facility and submitted a draft report from a consultant to the county, dated September of 2006, concerning development potential in the area between Winfield and Arkansas City along Highway US 77.

The EPA approved the revised field sampling plan in May of 2007.

A work plan and schedule for the soil cap remedial work was submitted by Greif Brothers Corporation in May of 2007. EPA approved the plan in June of 2007. Final design was completed and construction was started in December of 2007. The soil cap remedial work was completed with an inspection in April of 2008.

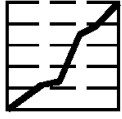
The Remedial Action Report, with Operation and Maintenance Manual for both groundwater and soil cap remedial actions was approved in August of 2008.

**Site Facts:**

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## **ENVIRONMENTAL PROGRESS**

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The Strother Field Commission, General Electric Co. and Greif Brothers Corp., in conjunction with the State and the EPA, have reduced the possibility of drinking contaminated groundwater by supplying a safe drinking water source and installing a treatment system while final cleanup remedies for the Strother Field Industrial Park site are being implemented.

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## **COMMUNITY INVOLVEMENT**

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EPA ensures community members know about and participate in site issues and activities. Region 7 has assigned an EPA Community Involvement Coordinator to the site to answer community member/elected official/media questions and concerns; made the community aware of the Superfund Technical Assistance Grant; conducted community interviews; implemented a community involvement plan; briefed community members, elected officials and the media on site activities; held public meetings and/or public availability sessions; developed/mailed site specific fact sheets; published display ads in local newspapers; and in some cases facilitated the community in forming community advisory groups. The community involvement activities have been on-going since the site was proposed to the NPL.

In July of 2006 a fact sheet was mailed announcing the start of first five-year review. Display ads were placed in the Winfield Courier and the Arkansas City Traveler. The administrative record will be updated in the near future with the five year review report, the evaluation report in response to the five year report and the Remedial Action Report.

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## SITE REPOSITORY



Strother Field Commission, Terminal  
Building, Fourth and "A" Street,  
Cowley County, KS 67156

Superfund Records Center  
901 N. 5th St.  
Kansas City, KS 66101  
Mail Stop SUPR  
(913)551-7166

## REGIONAL CONTACTS

**SITE MANAGER:**

**E-MAIL ADDRESS:**

**PHONE NUMBER:**

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**COMMUNITY INVOLVEMENT**

**COORDINATOR:**

**PHONE NUMBER:**

**E-MAIL ADDRESS:**

Hattie Thomas

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thomas.hattie@epa.gov

**STATE CONTACT:**

**PHONE NUMBER:**

Travis Daneke

(785) 296-6378

## MISCELLANEOUS INFORMATION

**STATE:**

KS

076Z

**CONGRESSIONAL DISTRICT:**

04

**EPA ORGANIZATION:**

SFD-MOKS/SUPR

## MODIFICATIONS

**Created by:**

Karla  
Asberry/SUPRFUND/R7/US  
EPA/US

**Created Date:**

10/20/97 03:37 PM

**Last Modified by:**

Kenneth  
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US

**Last Modified Date:**

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