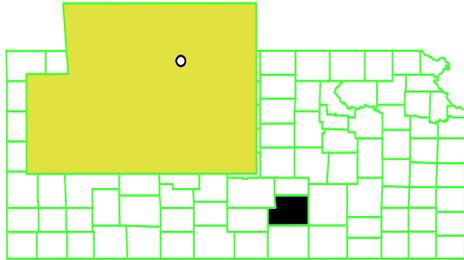


**29TH & MEAD GROUND
WATER
CONTAMINATION
KANSAS
EPA ID# KSD007241656**

**EPA Region 7
City: Wichita
County: Sedgwick County
Other Names:**

07/09/2007



SITE DESCRIPTION

The 29th & Mead Ground Water Contamination site covers approximately 1,440 acres at the intersection of 29th and Mead Streets in a highly industrialized area of Wichita. Studies conducted from 1983 to 1986 by the Kansas Department of Health and the Environment (KDHE) and the U.S. Geological Survey confirmed heavy metals and organic contamination in shallow wells on and around the site. The actual boundary and the extent of ground water contamination have not been clearly defined. There are several potential industrial sources of contamination in the area that include facilities currently in operation and facilities that have ceased operations. An estimated 3,300 people obtain drinking water from public and private wells drawing from the shallow aquifer located within 3 miles of the site.

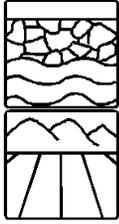
Site Responsibility:

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

NPL LISTING HISTORY

Proposed Date:	06/24/88
Final Date:	02/21/90
Deleted Date:	04/29/96

THREATS AND CONTAMINANTS



The ground water and soil are contaminated with volatile organic compounds (VOCs) including trichloroethylene (TCE), carbon tetrachloride, toluene, and vinyl chloride. People who come in direct contact with or ingest contaminated ground water may be at risk.

CLEANUP APPROACH

Response Action Status

Entire Site: The city of Wichita and parties potentially responsible for the ground water contamination are investigating the nature and extent of contamination and identifying cleanup alternatives.

Coleman Area (Coleman Operable Unit): In 1991, the potentially responsible party began an investigation to determine the nature and extent of soil and ground water contamination and to identify cleanup alternatives at the Coleman area. The primary contaminant at this location was found to be TCE. A remedy to address cleanup was selected in late 1992 and includes ground water pump and treatment, air stripping, and soil vapor extraction. Design of the remedy began in 1994. Installation of the ground water remedial system was completed in October 1996 and installation of the soil vapor extraction system was completed in May 2000. Both of these systems are currently operational.

A Five Year Review Report was completed in September of 2005 in which recommendations were made to review the ground water remedy to determine if adjustments and enhancements are necessary to insure the capture of contamination was being accomplished. A response to EPA comments/recommendations was completed in March of 2006 by the PRP consultant and are now being implemented. In April of 2006 EPA approved a decommissioning plan of soil vapor extraction (SVE) at sumps 1 through 9 and continuing the SVE at the south field (dock) area.

The Kansas Department of Health and the Environment (KDHE) has identified more than 70 parties potentially responsible for the wastes associated with ground water contamination at and in the vicinity of the site. In 1987, the parties organized a steering committee to negotiate future investigations and cleanup activities. In 1989, the steering committee signed a Consent Agreement with the KDHE to complete an investigation of the site. KDHE has signed several coordinate and cooperate type Administrative Orders with additional parties to investigate areas of potential sources that may contribute to the ground water plume.

Site Facts:

In 1994, the city began discussing with EPA the possibility of deleting the site from the National Priorities List (NPL) and filed a petition requesting that EPA reopen the record for the listing process. EPA denied the city's petition. However, because the city had demonstrated its ability to handle organizing a response action at the Gilbert and Mosley site, a state deferral demonstration project, EPA decided in April 1995 to remove the 29th and Mead site from the NPL on the condition that the city and KDHE enter into an agreement requiring the city to ensure cleanup of the site. The site boundaries were expanded and the larger area that encompasses the former 29th and Mead site is now referred as the North Industrial Corridor by KDHE. The City of Wichita has negotiated an agreement with several PRPs to provide financial assistance to the City to complete the Remedial Investigation/Feasibility Study (RI/FS). The site was deleted from the NPL by Federal Notice dated April 29, 1996 (61 Fed. Reg. 18684) with an effective deletion date of April 29, 1996. The 29th and Mead ground water area wide site is in the investigation phase and cleanup activities have not been initiated. The city has procured a contractor to complete the RI/FS for the expanded site area and the RI/FS workplan was approved by KDHE on November 11, 1997. The RI/FS investigation has been conducted in two phases. Phase I was initiated in December 1997 and consisted of collecting groundwater samples from approximately 200 locations. The City sent a draft RI report in August of 2002 to KDHE. KDHE sent comments and additional investigations continue as of this date.

ENVIRONMENTAL PROGRESS



While cleanup investigations for the entire site continue, the EPA has determined that the site currently does not pose an immediate threat to the neighboring communities or the environment, as long as the contaminated wells are not used. A ground water treatment system and a soil vapor extraction system are operating at the Coleman area to remove trichloroethylene from contaminated environmental media.

COMMUNITY INVOLVEMENT

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.

SITE REPOSITORY



KDHE, District Office
1919 Amidon
Wichita, KS 67203

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:

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STATE CONTACT:

PHONE NUMBER:

Chris Carey

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MISCELLANEOUS INFORMATION

STATE:

KS

079Q

CONGRESSIONAL DISTRICT:

04

EPA ORGANIZATION:

SFD-SUPR/MOKS

MODIFICATIONS

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