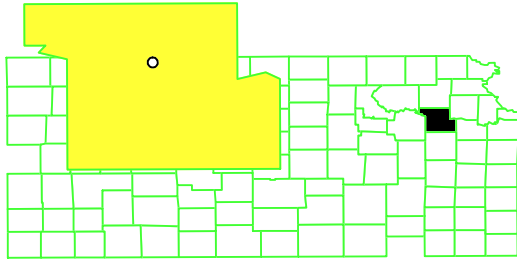


**HYDRO-FLEX,
INCORPORATED**
KANSAS
EPA ID# KSD007135429

EPA Region 7
City: Topeka
County: Shawnee County
Other Names:

02/05/2009



SITE DESCRIPTION

The Hydro-Flex, Incorporated site is a three-acre site located in Topeka, Kansas. Beginning in 1970, Hydro-Flex, Incorporated manufactured specialized tubing, hoses, heat exchangers, and fittings at the site. From 1970 to 1981, operators discharged rinse water and sludges from a chromate metal finishing bath through a septic tank and into a series of buried silos. Wastes also were discharged into an on-site industrial well. These open-ended vertical shafts were filled with porous fill material. Operators discharged a maximum of 320 gallons per day to the silos and periodically allowed the overflow of wastes from the third silo onto neighboring cropland. These techniques were abandoned when the municipal sewage system became available in 1981. The silos were filled with sand and covered with earth. In 1987, the Kansas Department of Health and the Environment (KDHE) detected process-related metals in on-site groundwater monitoring wells. A 1989 site visit showed that access to the site was unrestricted and tall grass had covered the disposal areas. Evidence of the past disposal practice was distressed plant growth and discolored soils over the three areas. Approximately 30 people live within a 1-mile radius of the site, many in older residences that pre-date the industrial zoning of the area. Approximately 6,500 people obtain drinking water from public and private wells within 3 miles of the site. The Kansas River and Soldier Creek are located within a 1-mile radius of the site, and Topeka's surface water intake on the Kansas River is located about 1 mile to the south. Two public water supply wells lie about 1-2 miles northeast of the site.

Site Responsibility:

This site was addressed through federal, state, and potentially responsible party actions.

NPL LISTING HISTORY

Proposed Date:	06/24/88
Final Date:	03/31/89

THREATS AND CONTAMINANTS

Groundwater both on-site and off-site contained low levels of copper and chromium. The chief threat to public health was ingesting contaminated groundwater and soil.

CLEANUP APPROACH

Response Action Status

Entire Site: After a Consent Order was signed with the KDHE, Hydro-Flex, Incorporated conducted a remedial investigation (RI) to determine the nature and extent of contamination and feasibility study (FS) to examine the remedial alternatives for site cleanup. During the RI, groundwater monitoring wells were installed and groundwater monitoring and soil sampling were conducted. The FS was completed in 1992. Based on the results of the RI/FS, a Record of Decision (ROD) was written in March 1992 in which it was determined that no further cleanup actions were necessary at the site because it did not pose a threat to public health or the environment.

Site Facts: A Consent Order was signed in 1990 with the KDHE which required that the Hydro-Flex, Incorporated conduct a Remedial Investigation/Feasibility Study (RI/FS). Based on the RI/FS work completed by Hydro-Flex, Incorporated, a Record of Decision (ROD) was written by KDHE and EPA in 1992. The ROD selected the no action remedial alternative. A five year review of the site was

conducted in 1998 and the site was found to be protective of human health and the environment. A final five year review was conducted in 2003. During this review, EPA and KDHE conducted a site inspection, and KDHE collected groundwater samples. The five year review concluded that the site continues to be protective of human health and the environment and that hazardous substances, pollutants or contaminants no longer remain on site at levels that do not allow for unlimited use and unrestricted exposure.

ENVIRONMENTAL PROGRESS



The EPA and KDHE determined that the Hydro-Flex, Incorporated site does not pose a threat to human health and the environment. The site was deleted from the National Priorities List (NPL) by EPA in November 1993. EPA and MDNR conducted a five year review of this site in 1998 and the site was found to be protective of human health and the environment. A final five year review was conducted by KDHE and EPA in 2003. The 2003 five year review concluded that the site is protective of human health and the environment and that hazardous substances, pollutants or contaminants no longer remain on site at levels that do not allow for unlimited use and unrestricted exposure. The 2003 five year review was the final five year review conducted at the site.

COMMUNITY INVOLVEMENT

KDHE prepared a Community Relations Plan for the site in June 1991. KDHE and EPA distributed a public notice and fact sheet in December 1991 to initiate a 30-day comment period from December 21, 1991 through January 21, 1992, on the Proposed Plan for the site. KDHE and EPA held a public hearing at the American Legion Hall in Topeka, Kansas to present the Proposed Plan and to accept public comments. KDHE and EPA placed an advertisement in the *Topeka Capital-Journal* on March 23, 1992, to announce that the Record of Decision for the site had been approved. On November 9, 1993, EPA placed a notice in the *Federal Register* to announce the deletion of the site from the NPL. EPA prepared and distributed a Fact Sheet in October 2002 to announce that the Agency had begun the second five year review of the site. EPA prepared and distributed a Fact Sheet in May 2004 to announce that the second and final five year review of the site was completed.

SITE REPOSITORY



Topeka Shawnee County Public
Library
1515 SW 10th St.
Topeka, KS 66604
(785)580-4400

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

REGIONAL CONTACTS

SITE MANAGER:	Catherine Barrett
E-MAIL ADDRESS:	barrett.catherine@epa.gov
PHONE NUMBER:	(913) 551-7704
COMMUNITY INVOLVEMENT COORDINATOR:	Dianna Whitaker
PHONE NUMBER:	(913) 551-7598
E-MAIL ADDRESS:	whitaker.dianna@epa.gov
STATE CONTACT:	Jean Underwood
PHONE NUMBER:	(785) 291-3255

MISCELLANEOUS INFORMATION

STATE:	KS 07CG
CONGRESSIONAL DISTRICT:	02
EPA ORGANIZATION:	SFD-SUPR/MOKS

MODIFICATIONS

Created by:	Karla Asberry/SUPRFUND/R7/US EPA/US	Created Date:	10/20/97 02:57 PM
Last Modified by:	Dianna Whitaker/R7/USEPA/US	Last Modified Date:	02/05/2009 07:19 AM