

OBEE ROAD

KANSAS

EPA ID# KSD980631766

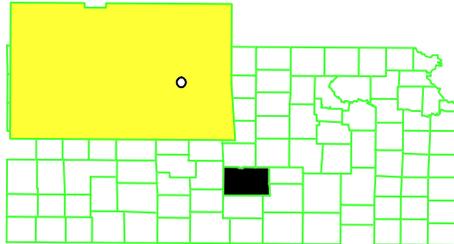
EPA Region 7

City: Obeeville

County: Reno County

Other Names: Hutchison City Dump

09/16/2008



SITE DESCRIPTION

The Obee Road site in Hutchinson, Kansas is comprised of approximately 1,100 acres in the eastern part of the City and Reno County. The site consists of commercial, agricultural, and residential properties. An investigation in 1983 by the Kansas Department of Health and Environment (KDHE) was prompted by a citizen's concern over the taste and odor of his well water. Sampling by the KDHE showed Volatile Organic Compounds (VOCs) in the shallow aquifer. As a result of this information gathered during the remedial investigation for the Obee Road and the adjacent East Fourth Street Facility, the site was divided into two subsites. These two subsites are the Landfill Subsite and the Airport Road Subsite. The Landfill Subsite is located within the area of the former city of Hutchinson Landfill on the eastern portion of the site. The source of the contamination was originally suspected to be the old city of Hutchinson Landfill on the eastern edge of the Hutchinson Municipal Airport. Before closing in 1973, the landfill accepted unknown quantities of liquid wastes and sludges from local industries, as well as solvents from small metal-finishing operations at local aircraft plants. The Airport Road Subsite comprises the remainder of the Obee Road site and has ground water contamination emanating from the East Fourth Street Facility (Cessna/Eaton) which consists of a hydraulic component manufacturing operation and a facility formerly operated by Farmland Industries, Inc.

Site Responsibility:

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

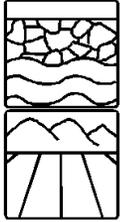
NPL LISTING HISTORY

Proposed Date: 01/22/87

Final Date: 07/22/87

Deleted Date:

THREATS AND CONTAMINANTS



Ground water is contaminated with VOCs such as trichloroethylene (TCE), vinyl chloride, and chloroform. Although the residences in the area now are connected to the public water supply, the private wells have not been plugged. Therefore, there is the possibility that the contaminated ground water may be used for domestic purposes, such as watering gardens.

CLEANUP APPROACH

Response Action Status



Initial Actions: Initial Action: In 1985, the city of Hutchison constructed a water line extension to the residents affected by the contaminated well water. An alternate water supply also was provided to the Obee school system adjacent to the landfill, which was drawing water from a contaminated well. An interim ground water pump and treat system is operating to ensure that contaminants are contained and do not spread further.

Entire Site: In early 1990, the potentially responsible parties, under State supervision, began conducting a study to determine the extent of soil and groundwater contamination and to identify the sources responsible for contamination in the Obee Road Landfill subsite and the Airport Road subsite. The EPA selected the final cleanup remedy for the Obee Road Landfill subsite in 1994, which calls for groundwater monitoring with a contingency for further action if contaminant concentrations rise above specified levels. The remedy also calls for institutional controls to limit access to the site as well as not allowing the disturbance of the landfill cover. An additional phase of investigation was needed to further characterize the ground water plume contamination at the Airport Road subsite, which began in 1994.

Initial Actions:

Site Facts:

In March 1990, a group of the parties potentially responsible for site contamination signed a Consent Agreement with the KDHE in which the parties agreed to complete an investigation of the site. After reviewing data from the Obee Road Site investigation and data from the East Fourth Street Facility, a site bordering the Obee Road Site on the west, it became apparent that the site needed to be divided into two subsites. In March of 1993 an amendment to the State Administrative Order was signed and the Obee Road Landfill Subsite and the Airport Road Subsite were defined.

Landfill Subsite: The responsible parties submitted the final Remedial Design/Remedial Action (RD/RA) Work Plan for the Landfill Subsite in December 1996. This Work Plan includes provisions for ground water monitoring and institutional controls. In June 1997, the Remedial Action and Annual Ground Water Monitoring Report was completed. This report contains the institutional controls consisting of a deed restriction executed on March 27, 1997. The first five-year review of the Landfill Subsite was completed June 19, 2000. The five year review concluded that the remedy at the Landfill Subsite is protective of human health and that the soil cover on the landfill is preventing direct contact with the contaminants. The second five-year review of the Landfill Subsite was completed in June of 2005. The review concluded that the remedy was still protective of human health and that the soil cover on the landfill is preventing direct contact with the contaminants.

Airport Road Subsite: The responsible parties have completed the Remedial Investigation for the Airport Road Subsite and a Feasibility Study. Remedy selection for the Airport Road Subsite had been delayed due to the pending development of a total maximum daily load (TMDL) for chloride. This TMDL affected the selection of the groundwater treatment technology. Two phases of interim remedial measures effecting the Airport Road Subsite have been implemented to contain contaminated ground water emanating from the East Fourth Street Facility. Phase 1 consists of the installation of two remedial pumping wells, two air stripping towers, and a discharge line on the East Fourth Street Facility property. Phase I became operational in July 1993. Phase 2 consisted of an additional remedial pumping well in the southeastern portion of the Obee Road site and system startup was initiated in August of 1997. Cessna has voluntarily extended rural water to provide private homes with access to a supply of portable water for those properties with contaminated wells.

The City of Hutchinson obtained funding to construct a municipal reverse

osmosis (RO) plant and construction was started in March of 2007. Completion is planned for March of 2009. The plans are now for the new plant to accept the water from the remedial wells, which will treat the water by RO and air stripping. The treated water will be added to the municipal water supply system.

The KDHE is completing additional investigations to determine if the third remedial well is capturing the entire groundwater plume and will be installing monitoring wells in the middle of 2008. The PRP completed a dual phase pilot test evaluation of the source area under the west building area of the East Fourth Street Facility in April of 2007. A revised FS was submitted to KDHE in April of 2007 and, with some minor changes, was approved. The KDHE drafted a proposed plan and a record of decision (ROD) was signed in September of 2007.

The KDHE approved the final plan for the dual phase extraction system and it was installed in 2008. Sampling and analysis of the additional monitoring wells will be completed late in 2008 to determine if the existing extraction wells are containing the groundwater plume along the north edge of the downgradient part of the contamination. If an additional extraction well or wells are needed they will be designed, installed and connected to the existing system.

When the system is completed a long term monitoring will continue to be implemented to determine the progress of the groundwater cleanup.

ENVIRONMENTAL PROGRESS



Providing an alternative water supply reduced the potential for exposure to contaminated well water. A pump and treat groundwater containment system is in operation at the East Fourth Street Facility as well as an extraction well at the southeast end of the ground water plume. This system will contain and treat the ground water contamination until the final cleanup actions at the Obee Road site are implemented.

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. In August of 2007 a public meeting was held during the public comment period leading up to the Record of Decision for the Airport Road Subsite.

SITE REPOSITORY



Hutchison Public Library, 901 North
Main, Hutchison, KS 67504

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

REGIONAL CONTACTS

SITE MANAGER:

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COMMUNITY INVOLVEMENT

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MISCELLANEOUS INFORMATION

STATE:

KS

07Q3

CONGRESSIONAL DISTRICT:

01

EPA ORGANIZATION:

SFD-MOKS/SUPR

MODIFICATIONS

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