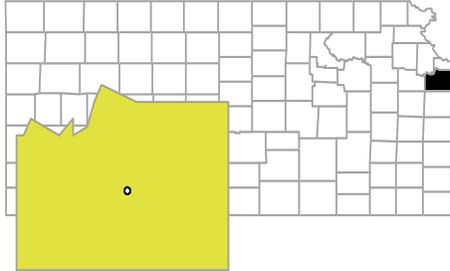


**CHEMICAL
COMMODITIES, INC.**
KANSAS
EPA ID# KSD031349624

EPA Region 7
City: Olathe
County: Johnson County
Other Names:

02/09/2009



SITE DESCRIPTION

The Chemical Commodities Inc. (CCI) site is located in a commercial and residential area of central Olathe. The CCI site occupies approximately 1.5 acres and borders the Burlington Northern railroad right-of-way and single family residences. CCI is a former chemical brokerage facility that handled, stored, repackaged, and distributed a variety of chemicals. Before 1951, the site was occupied by an ice manufacturer. CCI operated the facility from 1951 to 1989. In 1980, CCI acquired a Resource Conservation and Recovery Act (RCRA) permit allowing the facility to generate and transport hazardous waste. During the facility's operation, poor housekeeping, inappropriate material handling and storage practices, and facility conditions that allowed materials to migrate off site were documented. Concerns for public health and the environment were raised during the facility's operation due to emanating odors, contaminated rain water runoff from the site, and fires. Investigations conducted by CCI, the Kansas Department of Health and Environment, potentially responsible parties, and the EPA have indicated that soil and ground water are contaminated with a wide range of metals, volatile and semi-volatile organic compounds (VOCs), and pesticides. Some of these substances have migrated off-site via air, surface water runoff, and ground water movement. Approximately 78,000 people live in the city of Olathe; about 7,100 live within 1 mile of the site. Ground water is not used as a source of municipal drinking water; however, private wells are found within 3 miles of the site.

Site Responsibility:

This site is being addressed through Federal and potentially responsible party's actions.

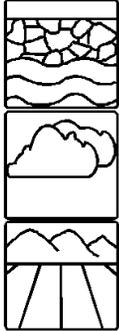
NPL LISTING HISTORY

Proposed Date: 01/18/94

Final Date: 05/31/94

Deleted Date:

THREATS AND CONTAMINANTS



The soil and ground water are contaminated with various metals; VOCs and semi-VOCs, primarily, trichloroethylene (TCE), carbon tetrachloride, and tetrachloroethylene (PCE), and pesticides. Ground water also is contaminated with high concentrations of TCE and PCE, which have migrated more than 1,000 feet to the west and southwest of the site. The site is secured to limit public access. Ingesting or touching contaminated soil or ground water could pose a public health threat. Disturbing the soils on-site could release contaminants to the air and pose an inhalation threat. Ground water that has migrated underneath homes presents a potential threat to indoor air quality in the homes.

CLEANUP APPROACH

Response Action Status

Immediate Actions: Between 1989 and 1991, the EPA completed the disposal of chemicals and highly contaminated soil; building decontamination; and the installation of a ground water capture and treatment system. The ground water capture and treatment system was operated until 2005, when it was permanently closed. Between 2003 and 2007, ventilation systems were installed in 45 homes determined to be vulnerable to indoor air impacts from the contaminated ground water. In June 2003, the EPA removed a mound of contaminated soil and the former warehouse building which had become badly deteriorated over time, and which presented a threat of releasing contamination to the environment.

Entire Site: The EPA has overseen extensive site characterization work conducted by potentially responsible parties (PRPs). This work included sampling of soil and ground water to determine a more detailed account of the nature and extent of contamination at the site. Final cleanup actions were selected in a September 2005 Record of Decision. The final cleanup actions will include excavation of high concentration soils, capping of the site, and chemical oxidation treatment to address the contaminated groundwater.

Site Facts:

ENVIRONMENTAL PROGRESS



Between 1989 and 1991 EPA conducted a series of removal actions to address the immediate threats posed by site conditions. EPA's actions included offsite disposal of all containerized wastes, offsite disposal of the most highly contaminated soils, onsite disposal of lesser contaminated soils, dismantling and disposal of several onsite structures, grit blasting and coating the interior surfaces of the onsite warehouse building, and installation of a ground water interceptor trench and water treatment system. The interceptor trench was operated until December 2005, when it was permanently closed. In the mid 1990s, a potentially responsible party conducted a study to define the nature and extent of contamination of onsite subsurface soils and ground water.

On May 15, 2000, EPA entered into an Administrative Order with several parties to complete a Remedial Investigation/Feasibility Study (RI/FS) at the site to define the nature and extent of offsite ground water contamination, and to evaluate cleanup alternatives. After several phases of investigation, complicated by geologic conditions at the site, the RI/FS was completed in 2005. A Record of Decision (ROD) was signed in September 2005, documenting the remedial actions selected for addressing site soils and ground water. The Baseline Human Health Risk Assessment was completed in January 2003.

In April 2008, EPA completed negotiation of a consent decree with the PRPs for the performance of design and construction of the remedial actions selected for the site. The consent decree was lodged by the court on December 19, 2008. A motion to enter the consent decree was signed on February 5, 2009. Activities associated with the remedial design are expected to begin in the summer of 2009.

EPA is currently assessing ventilation systems for vapor intrusion that were installed by the responsible party.

COMMUNITY INVOLVEMENT

In the fall of 2000, coinciding with the start of RI/FS activities, the EPA began meeting with and corresponding with the community. Due to a high level of community interest in the site, a Community Advisory Group (CAG) was formed. This group continues to be active and meetings are held regularly. The City of Olathe participates in the community meetings and has been actively involved in the remedy selection process.

For each CAG meeting, notices are mailed and display ads are placed in the *Olathe Daily News* and the Olathe Section of the *Kansas City Star*. The mailings go to over 300 people.

11/2003 CAG Meeting

2/2004 CAG Meeting

4/2004 CAG Meeting

5/2004 CAG Meeting

7/2004 Proposed Plan. A Fact Sheet was mailed announcing the Public Meeting, July 20, 2004. Comment Period was announced. Ads were placed announcing the meeting and the comment period.

7/2004 Comment period was extended another 30 days at the request of the CAG members.

8/2004 CAG Meeting

10/2004 CAG Meeting.

2/2005 CAG distributed 79 surveys on what the future use of the property should be after cleanup. Twenty-four surveys were returned.

7/2005 CAG released the report on the survey findings.

7/2005 Revised Proposed Plan. A Fact Sheet was mailed announcing the Public Meeting, July 26, 2005. Comment Period was announced. Ads were placed announcing the meeting and the comment period.

11/2005 CAG Meeting. The CAG decided their meetings would be semi-annual.

5/4/2006 CAG Meeting at the Fire Administration Building. Results of visioning workshop were presented, including a conceptual graphic. Article followed May 10th in the Olathe section of the Kansas City.

11/6/2006 CAG Meeting.

7/23/2007 CAG Meeting

2/4/08 CAG Meeting

5/2008 The CAG applied for, and was offered, Technical Assistance for Communities (TASC) through EPA. TASC provides independent, non-advocacy educational and technical assistance to communities that are affected by hazardous waste issues involving NPL sites.

9/15/08 CAG Meeting

3/9/09 CAG Meeting

SITE REPOSITORY



Maggie Baker
Olathe Public Library
201 E. Park Street
Olathe, KS 66061
(913) 971-6849
Mon-Thur: 9am-9pm
Fri: 9am-6pm
Sat: 9am-5pm
Sun: 1pm-5pm

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

REGIONAL CONTACTS

SITE MANAGER:	DeAndre Singletary
E-MAIL ADDRESS:	singletary.deandre@epa.gov
PHONE NUMBER:	(913) 551-7373
COMMUNITY INVOLVEMENT COORDINATOR:	Fritz Hirter
PHONE NUMBER:	(913) 551-7003
E-MAIL ADDRESS:	hirter.fritz@epa.gov
STATE CONTACT:	Travis Daneke
PHONE NUMBER:	(785) 296-6378

MISCELLANEOUS INFORMATION

STATE:	KS
	07L3
CONGRESSIONAL DISTRICT:	
	03
EPA ORGANIZATION:	SFD-EELR/SUPR

MODIFICATIONS

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