



Region 7

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Fact Sheet

April 2004

Records of Decision Approved **Riverfront Superfund Site, Operable Units 1 & 3, New Haven, Missouri**

INTRODUCTION

The U.S. Environmental Protection Agency (EPA) has released two Records of Decision (RODs) that address contamination by hazardous substances at the Front Street Site (Operable Unit 1) and the Old City Dump Site (Operable Unit 3) of the Riverfront Superfund Site in New Haven, Missouri. These actions are being taken under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), also known as the Superfund law.

In July 2003, EPA issued Proposed Plans presenting the remedial alternatives preferred by EPA and the Missouri Department of Natural Resources (MDNR) for addressing the soil and ground water contamination at the Front Street Site and ground water contamination at the Old City Dump Site.

EPA took public comments on the Proposed Plans for the two operable units at a public meeting held in New Haven on July 10, 2003, and through written submissions. Although EPA and MDNR recommended the proposed actions to address the contamination, final decisions were not made until EPA reviewed public comments. After the public comment period closed, EPA selected remedies and published the RODs. The RODs include a summary of EPA's responses to the comments received during the public comment period.

ABOUT THE CONTAMINATION

The contamination at this site consists of the volatile organic compound (VOC)

tetrachloroethene (PCE). PCE was first detected in the City's two public-supply ground water wells in the northern part of New Haven in 1986. Following the discovery of the contamination, two new public-supply wells were installed in the southern part of the City, and several investigations were initiated by EPA and MDNR to determine the source, rate, and extent of the contamination.

PCE was used as a degreasing agent in manufacturing operations conducted at Front Street from 1950 until the 1970s. The EPA has confirmed that waste PCE was dumped or washed out of the south doors of the building located at the site, where it pooled in low areas along the south side of Front Street.

The Old City Dump Site was used for the disposal of household, industrial, and demolition wastes during the period from the mid-1950s to 1974. Included in the wastes disposed of in the landfill were industrial wastes such as unused dies, flammable solvents, chlorinated solvents, waterproofing compounds, and waste fabrics.

SELECTED REMEDY

FRONT STREET SITE – OU1

EPA's selected remedy for the Front Street Site consists of the following four elements:

1. An Advanced Remedial Technology (ART) well will be installed to treat soils in the location of the highest soil contamination. It will also treat the head of the ground water plume.

2. Ground water monitoring will be conducted on a periodic basis. The monitoring will include sampling of monitoring wells and the ART well. The results of the first two years will be used to establish Alternate Concentration Limits (ACLs) for the ground water chemicals of concern.
3. The Missouri River will be sampled annually for VOCs, until the first five-year review. If ACLs are not exceeded during the first five years, the Missouri River sampling will be discontinued.
4. A restrictive covenant and easement will be imposed on the site to ensure that the site is not used in the future in a manner that may result in unacceptable exposures to contamination at the site. The restrictive covenant and easement will also provide notice of the contamination to future site owners and users and ensure that current and future owners provide access to federal and state officials for future monitoring.

SELECTED REMEDY

OLD CITY DUMP SITE – OU3

EPA's selected remedy consists of the following three elements:

1. Monitoring the ground water through periodic sampling of four monitoring wells and the monitoring of one surface water seep.
2. Monitoring nearby domestic wells on a recurring basis, particularly immediately prior to the five-year review.
3. A restrictive covenant and easement will be imposed on the site to ensure that the site is not used in the future in a manner that may result in unacceptable exposures to contamination at the site. The restrictive covenant and easement will also provide notice of the contamination to future site owners and users and ensure that current and future owners provide access to federal and state officials for future monitoring.

ADDITIONAL INFORMATION

The Records of Decision and other site-related documents provide details of the nature and extent of contamination and the work that has been completed at the site. These documents are part of the Administrative Record File, available at the following locations:

New Haven Scenic Regional Library
109 Maupin
New Haven, Missouri

EPA Region 7
Records Center
901 N. 5th Street
Kansas City, Kansas

These, and many other site documents, are also available at:

<http://mo.water.usgs.gov/epa/nh/>

If you have questions or need additional information, please contact:

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