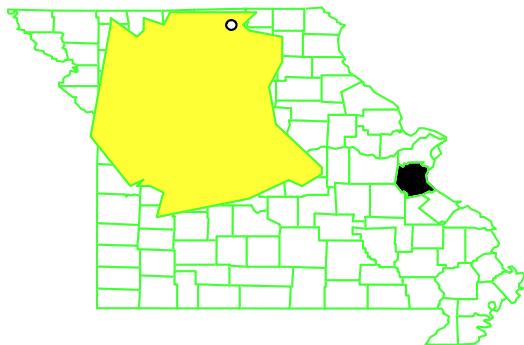


**MINKER/
STOUT/ROMAINE CREEK
MISSOURI
EPA ID# MOD980741912**

**EPA Region 7
City: Near Imperial
County: Jefferson County
Other Names:**

04/21/2006



SITE DESCRIPTION

The Minker/Stout/Romaine Creek site covers about 10 acres of non-contiguous properties near Imperial. In the early 1970's, the Bubbling Springs Ranch horse arena was sprayed with dioxin-contaminated oil for dust control. Afterward, several horses became ill, and seven died. The horse arena was excavated in 1972, and the dioxin-contaminated soil was used as fill material in residential areas, including the Minker, Stout, Cashel, and Sullins residences. Much of the fill from the Minker residence eroded into Romaine Creek. In 1983, the EPA detected dioxin in the soil on site and in sediments of Romaine Creek. Approximately 500 people live within 1 mile of the site. The sediments of Romaine Creek were contaminated as far as 6,000 feet downstream; however, the creek was not used as a drinking water source.

Site Responsibility:

This site has been addressed through Federal and PRP actions.

NPL LISTING HISTORY

Proposed Date: 12/30/82

Final Date: 09/08/83

Deleted Date:

THREATS AND CONTAMINANTS



The sediments and soil from Romaine Creek were contaminated with dioxin from the soil that was used as fill in the residential areas. People who came into direct contact with or accidentally ingested the contaminated soil or sediments were at risk.

CLEANUP APPROACH

Response Action Status

Immediate Actions: Between 1985 and 1989, the EPA excavated about 28,420 tons of soil at the Minker area, the Sullins and Cashel residences, Romaine Creek, and the Stout area. The soil was placed in steel storage structures at the Minker area.

Soil: The EPA selected a final remedy to clean up the soil that involves transportation of the stored contaminated soils to the Times Beach site, also contaminated with dioxin, for thermal treatment. The soil was incinerated, which permanently destroyed the contaminants. The ash from the incinerator was disposed of at the Times Beach site. The design of the final remedy was completed in coordination with the remedy design for the Times Beach site. A permit application for thermal treatment activities at Times Beach was approved by the EPA and the State in early 1995. The contaminated soil from the site was transported to Times Beach site for final treatment from December 21, 1996 through February 25, 1997.

Romaine Creek: In 1987, the EPA selected a remedy to clean Romaine Creek, which included excavating the contaminated soil and sediments and temporarily storing them in steel structures on site. The excavated areas were backfilled with clean material suitable for a natural creek. In 1989, the EPA completed the excavation and storage of contaminated materials.

Stout Area: In 1987, the EPA selected a remedy to clean the Stout property, which included excavating the contaminated soil and placing it in interim on-site storage. The EPA completed excavation and storage activities at the Stout property in 1988.

Relocation: In 1983, the EPA permanently relocated 11 families. Two other families were temporarily relocated by the State during excavation of the Minker area; they have returned to their residences.

Site Facts: Under the terms of a Consent Decree entered in Federal Court in December 1990, several settling defendants were given the responsibility for operating a thermal treatment unit at the Times Beach site for treatment of all contaminated materials excavated from the Minker/Stout/Romaine Creek site. The EPA was responsible

for transporting the soils from these areas to the Times Beach site for treatment. This work was completed in June, 1997.

ENVIRONMENTAL PROGRESS



The relocation of affected residents and the excavation and treatment of contaminated soils and sediments from all portions of the site have eliminated the potential for exposure to hazardous materials at the Minker/Stout/Romaine Creek site.

COMMUNITY INVOLVEMENT

A public hearing to share the feasibility study of final remedial actions for the site was convened on August 25, 1986, at the South County YMCA in St. Louis, Missouri. Another public hearing to share the findings and recommendations of two operable unit feasibility studies for the site was convened on September 10, 1987, at the Fenton Community Center in Fenton, Missouri. EPA Region 7 issued media advisories and press releases about the site on August 18, 1982; October 12, 1982; December 8, 1982; January 10, 1983; March 11, 1983; March 25, 1983 and September 2, 1987. A fact sheet was distributed to the site mailing list on September 2, 1987.

SITE REPOSITORY



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Kansas City, KS 66101
Mail Stop SUPR
(913)551-4038

REGIONAL CONTACTS

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MISCELLANEOUS INFORMATION

STATE:	MO 0745
CONGRESSIONAL DISTRICT:	03
EPA ORGANIZATION:	SFD-MOKS/SUPR

MODIFICATIONS

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