

# NPL Site Narrative for Minker/Stout/Romaine Creek

## MINKER/STOUT/ROMAINE CREEK Imperial, Missouri

**Conditions at listing (December 1982):** The Minker/Stout/Romaine Creek site covers about 10 acres near Imperial, Missouri. In 1971, the Bubbling Springs Ranch horse arena became contaminated with dioxin when a St. Louis waste oil hauler sprayed oil on it for dust control. Afterward, several horses became ill, and six or seven died. In 1972, the lessee of the arena excavated some of the dioxin-contaminated soil. Later it was used as fill material in two residential areas, one occupied by the Minker family and the other owned by the Stout family. Preliminary samples taken by EPA in May and June confirmed the presence of dioxin-contaminated soil at all three areas. In October 1982, EPA analyzed 300 samples collected in the vicinity of the two fill areas. All data were subject to vigorous quality assurance and reviewed by experts in EPA laboratories. These results confirmed the presence of dioxin in the fill areas and in sediments along 6,000 feet of Romaine Creek. The highest level of dioxin detected in the area is 301 parts per billion.

This site was originally listed under the name "Arena 2: Fills 1 & 2."

**Status (July 1983):** In December 1982, EPA allocated about \$750,000 for (1) initial remedial measures involving erosion controls and relocation of residents near the two areas, (2) a remedial investigation to determine the extent of contamination at the site, and (3) a feasibility study to identify alternatives for remedial action. The State signed a State Superfund Contract with EPA in February 1983, outlining the scope of work to be conducted at the site. It is scheduled to be completed in the first quarter of 1984.

In April 1983, the Centers for Disease Control issued a health advisory recommending permanent relocation of 11 families on or near the site. EPA then allocated \$2.2 million to the Federal Emergency Management Agency for the relocation.

For more information about the hazardous substances identified in this narrative summary, including general information regarding the effects of exposure to these substances on human health, please see the Agency for Toxic Substances and Disease Registry (ATSDR) ToxFAQs. ATSDR ToxFAQs can be found on the Internet at [ATSDR - ToxFAQs](http://www.atsdr.cdc.gov/toxfaq/index.asp) (<http://www.atsdr.cdc.gov/toxfaq/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.