

NPL Site Narrative for Smith's Farm

SMITH'S FARM Brooks, Kentucky

Conditions at proposal (October 15, 1984): Smith's Farm is located approximately 1.5 miles southwest of Brooks, Bullitt County, Kentucky. The entire farm is about 500 acres and includes a 37.5-acre landfill permitted by the State to accept nonhazardous wastes. On the farm property and adjacent to the permitted landfill is an abandoned 30-acre dump containing an estimated 100,000 to 200,000 drums, many of which are buried or partially buried.

EPA and the State have observed numerous leachate streams at the site, most of which drain into an unnamed tributary to Bluelick Creek. Private residences located immediately downstream of the site use water from Bluelick Creek for drinking and other purposes. Some of the nearby residents also use well water. There is no alternate source of water. About 300 people are potentially affected.

Analyses conducted by EPA have detected elevated concentrations of phenols, PCBs, metals (mercury, nickel, lead, chromium, copper, and cadmium), and other organic chemicals in leachate, soil, sediment, and surface water.

In August 1984, using CERCLA emergency funds, EPA completed removal of 2,000 drums of waste from the surface of the dump.

Status (June 10, 1986): The next step in site cleanup is a remedial investigation/feasibility study to determine the type and extent of contamination at the site and identify alternatives for remedial action.

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.