

# NPL Site Narrative for Cross Brothers Pail Recycling (Pembroke)

## CROSS BROTHERS PAIL RECYCLING (PEMBROKE) Pembroke Township, Illinois

**Conditions at listing (December 1982):** The Cross Brothers Pail Recycling Site covers 20 acres in rural Pembroke Township, 15 miles southeast of Kankakee, Illinois. Between 1961 and 1980, pails and drums were recycled at the site by burning out the residue, using hazardous waste solvents as fuel, and then sandblasting and painting. During these operations, soil and ground water became contaminated. Investigations by the State discovered over 10,000 5-gallon pails (mostly empty), 10 acres of contaminated soil, at least 10 covered trenches of unknown wastes, and a plume of contaminated ground water leaving the site. The State has notified four families with downgradient wells that their water supplies are contaminated with a number of toxic organic chemicals. The State completed a hydrogeological study of the site in 1981. On August 19, 1980, the Kankakee County Circuit Court ordered the site owners to cease operations and clean up the surface debris.

**Status (July 1983):** In May 1983, EPA signed a \$220,871 Cooperative Agreement with Illinois for a remedial investigation to determine the type and extent of contamination at the site and a feasibility study to identify alternatives for remedial action. The work is scheduled to be completed in the first quarter of 1984.

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/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.