

NPL Site Narrative for Howe Valley Landfill

HOWE VALLEY LANDFILL Howe Valley, Kentucky

Conditions at proposal (June 10, 1986): Howe Valley Landfill is an inactive industrial waste landfill in eastern Hardin County, Kentucky, approximately 4 miles southwest of the community of Howe Valley. Kentucky Industrial Services operated the landfill from 1967 through 1976, when its State industrial waste disposal permit expired. Current ownership of the site has not yet been determined.

The site is in a 10-acre sinkhole. In 1979, the Kentucky Natural Resources and Environmental Protection Cabinet (KNREPC) conducted a dye trace study that established a positive connection between the site and local ground water. Steel-manufacturing sludges, plating sludges, galvanizing wastes, insulation, and insulation by-products are probably buried in the landfill, according to State files. Wastes were disposed of in drums and also in bulk. Waste insulation material and drums are exposed on the surface of the sinkhole. According to tests conducted by EPA, surface soil and sediment from surface water on the site contain elevated concentrations relative to background of arsenic, chromium, and other metals.

Ground water at risk includes private wells for 25 residences within 1 mile of the site and a spring 2 miles from the site used as a public water supply. The spring serves approximately 35,000 people.

Status (July 22, 1987): EPA has completed a search for individuals or companies potentially responsible for wastes associated with the site and plans to send them notice letters informing them of their potential liability.

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.