

NPL Site Narrative for Mathis Brothers Landfill (South Marble Top Road)

MATHIS BROTHERS LANDFILL (SOUTH MARBLE TOP ROAD) Kensington, Georgia

Conditions at proposal (January 22, 1987): The Mathis Brothers Landfill is located 1.5 miles north-northwest of Kensington, along the east side of South Marble Top Road in the north central part of Walker County, Georgia. The site is on a hill on a 20-acre parcel of land, of which only 5 acres were used for waste disposal. The 20-acre parcel is surrounded by farmland and additional woodlands. The privately owned landfill operated from 1974 to 1980. It had a permit from the Georgia Environmental Protection Division to accept nonhazardous wastes. Sometime after 1980, the landfill was abandoned.

Residues from herbicide manufacturing and latex waste from the carpet-manufacturing industry were buried in unlined trenches. According to records obtained from Velsicol Chemical Corp.'s plant in Chattanooga, Tennessee, the wastes contained arsenic and organic chemicals, including benzonitrile and herbicides. About 3,000 tons of hazardous waste were buried during the operational period.

The site is located in the outcrop of the Knox Group in the Valley and Ridge Geologic Province. The soil is permeable, thus facilitating movement of contaminants into ground water, which is at 40 feet. The Kensington Water and Sewer Authority provides drinking water to an estimated 4,300 people from wells 1.5 miles south of the site. A private well is 1,900 feet from the site.

Surface water within 3 miles downstream of the wastes is used for fishing and irrigation.

Status (March 31, 1989): EPA is considering various alternatives for the site.

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.