

# NPL Site Narrative for Hercules 009 Landfill

## HERCULES 009 LANDFILL Brunswick, Georgia

**Conditions at listing (September 1983):** The Hercules 009 Landfill covers 16.5 acres several miles north of Brunswick, Georgia. Hercules, Inc., has used 7 acres for disposal of waste water treatment sludge containing toxaphene, a pesticide, from its Brunswick plant. From 1975 to 1980, the landfill operated under a State permit. The permit was revoked in July 1980 when the State discovered elevated levels of toxaphene in drainage ditches around the site. Hercules reports disposing of 19,300 tons of contaminated sludge at the site.

The landfill is in a marshland and is about 1 mile east of coastal wetlands. The site is underlain by several feet of peat and marshland deposits over a shallow sand aquifer. The nearest residential area is 500 feet away. Residential wells in the area generally tap the shallow aquifer, while municipal and industrial wells usually tap the deeper limestone Principal Artesian Aquifer. The two aquifers are separated by a 500-to-600-foot-thick confining layer; consequently, only the shallow aquifer is threatened at this time.

**Status (June 1984):** In October 1983, Hercules installed six monitoring wells around the site in accordance with a State plan for closing the landfill. Since that time, the company has sampled the wells several times and submitted a full geotechnical report and proposed closure plan to the State. The geotechnical data are currently under review to determine adequacy of the closure plan.

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.