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POTENTIAL HAZARDOUS WASTE SITE  
SITE INSPECTION REPORT  
EXECUTIVE SUMMARY

<u>Fenimore Sanitary Landfill</u> Site Name	<u>NJD000585646</u> EPA Site ID Number
<u>Mountain Road</u> <u>Ledgewood, NJ</u> Address	<u>02-8707-10</u> TDD Number

SITE DESCRIPTION

Fenimore Sanitary Landfill, owned by the Duro Construction Company, is located in Ledgewood, Morris County, New Jersey. This privately owned landfill closed in 1979, and was reportedly used for the disposal of municipal waste.

The landfill is in a rural area bordered by woods to the north, east, and west. The total area of the site is 103 acres, of which 42 acres have been landfilled. The site slopes steeply to the east, the elevation dropping from 1100 feet above sea level on the western side to 840 feet on the eastern side. An unnamed stream flows in an easterly direction across the southern portion of the site. Another stream flows across the northeastern portion of the site. These two streams meet and form a tributary of Ledgewood Brook, which empties in Ledgewood Pond, a local recreational swimming area.

The underlying geology is such that leachate may enter the shallow water table. There are eight monitoring wells on site, as well as a leachate collection lagoon at the eastern edge of the landfill. Numerous areas of leachate can be found along the northeastern edge of the site entering the northern stream in many places. Sampling of the wells by the New Jersey Department of Environmental Protection (NJDEP) revealed low levels of heavy metals, cyanide, and arsenic.

Many homes adjacent to the site have private wells and depend on groundwater for drinking as this is a sole source aquifer.

On August 4-5, 1987, FIT conducted a site inspection and collected four groundwater, three surface water, three sediment, and two soil samples. Chlorobenzene was detected in a leachate sample originating from the landfill.

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