

NPL Site Narrative for Waste Management of Michigan (Holland Lagoons)

WASTE MANAGEMENT OF MICHIGAN (HOLLAND LAGOONS) Holland, Michigan

Conditions at proposal (October 15, 1984): The Waste Management of Michigan lagoons cover 160 acres north of Holland, Ottawa County, Michigan. From 1971 to 1980, the company deposited liquid industrial wastes (including metal hydroxides and vinegar production wastes) and waste water treatment sludge into seepage lagoons at the site. In February 1979, all surface wastes were removed from the site.

One residential well in the area has been contaminated with up to 67 parts per billion trichloroethylene, according to tests conducted by the Michigan Department of Natural Resources. This residence is now served by municipal water.

Operations of Southwest Ottawa County Landfill, located to the north and west of the former lagoon area, have contaminated ground water, according to the State. Ground water moves to the southwest, passing directly through the former lagoon area. It is difficult to identify sources for any contamination downgradient of the lagoons because many of the dewatered sludges from the lagoon area, as well as other industrial solids of a similar nature, were disposed of at the county landfill. The State, Ottawa County, and the company have installed approximately 60 monitoring wells in the area.

Status (June 10, 1986): 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.