

NPL Site Narrative for Adam's Plating

ADAM'S PLATING Lansing, Michigan

Conditions at proposal (June 24, 1988): Adam's Plating has conducted electroplating operations on a 1-acre site in a heavily populated area in Lansing, Ingham County, Michigan, since 1964. Before 1964, a dry cleaner was on the site and stored solvents in underground tanks. During 1964-71, according to the owner, chromium-containing plating wastes were discharged directly to an underground tile drainage field. Subsequently, the wastes were stored in an underground tank, which was removed in the early 1980s.

In response to a call to the State's Pollution Emergency Alert System in January 1981, the Michigan Department of Natural Resources (MDNR) inspected a residence at 510 North Grace, the second residence to the south of Adam's Plating. MDNR found that waste water with a high chromium content (150 parts per million) was saturating soils and had entered the basement. It appeared that the waste water was entering from a drain whose underground connecting pipe had been broken during recent construction in the neighborhood. In 1981, MDNR found 1,1,1-trichloroethane (a dry cleaning solvent) and chromium in soil on the Adam's site.

Soil in the area is permeable and ground water shallow (4 feet), conditions that facilitate movement of contaminants into ground water. An estimated 185,600 people obtain drinking water from municipal wells within 3 miles of the site.

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/toxfaqs/index.asp) (<http://www.atsdr.cdc.gov/toxfaqs/index.asp>) or by telephone at 1-888-42-ATSDR or 1-888-422-8737.