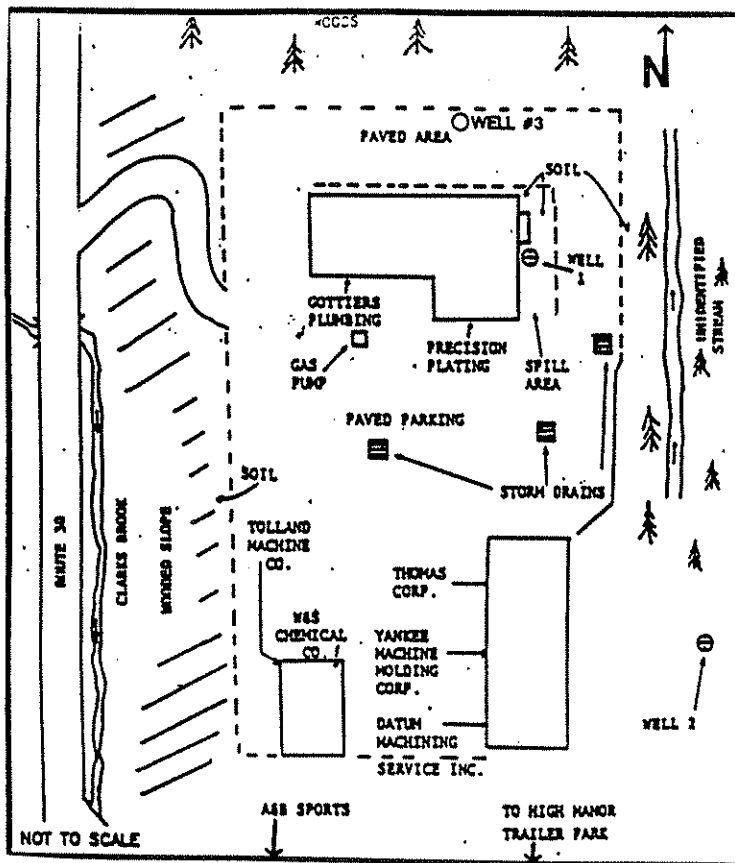


Health Information on Hazardous Waste Sites

PRECISION PLATING CORPORATION

The Precision Plating Corporation site is one of fifteen Superfund hazardous waste sites in Connecticut. The Connecticut Department of Public Health and Addiction Services, in cooperation with the Agency for Toxic Substances and Disease Registry, is investigating the possibility that contamination at this site might result in adverse human health effects in the neighboring community. The document containing this assessment is referred to as a preliminary health assessment and has been produced from data provided by the Connecticut Department of Environmental Protection, the U.S. Environmental Protection Agency, and other groups involved with the management of this site; community health data; and concerns of the community. If you have specific concerns about the health implications of this site, please write or call Kenny Foscue or Brian Toal at the Connecticut Department of Health Services, Division of Environmental Epidemiology and Occupational Health, 150 Washington Street, Hartford, Connecticut 06106, (203) 566-8167.

SITE SUMMARY



The Precision Plating site is located in the Hillside Industrial Park, 1050 Hartford Turnpike (Route 30) in Vernon (Rockville), Connecticut. The industrial park is comprised of three buildings, including the Precision Plating Corporation. The industrial park is bordered by Clark's Brook, a large apartment complex, and the High Manor Trailer Park (See site map).

History

The industrial park was built on a vacant lot in the 1960's. Precision Plating occupied the building beginning in 1969. Precision Plating's operations consist of the chrome plating of metal parts and fixtures. Waste waters are generated from the various processes of alkaline cleaning, chemical etching, chrome plating and rinsing, buffing and polishing procedures. From 1973-1981, the company had no waste water

treatment system and waste waters were discharged without a permit to a storm drain outside the facility, which emptied into Clark's Brook. Chromium and plating acid wastes were stored outside the building for a period beginning in 1975. In 1979, three drums containing chromium wastes were ruptured. Wells at the Hillside Industrial Park and the adjacent High Manor Mobile Home Park were subsequently contaminated with chromium. The well serving High Manor Mobile Home Park was taken out of service in 1985, and potable quality water was provided to the residents. In 1986, the Hillside Industrial Park was placed on bottled water. The mobile park was connected to the public water supply in 1990, and the industrial park was connected in 1992. The U.S. Environmental Protection Agency (EPA) placed this site on the National Priorities List on October 4, 1989, qualifying the site for cleanup funds under the federal Superfund law. A public health assessment document on the site was released by ATSDR in September, 1991.

CONTAMINATION

* Groundwater and soil, both on and off-site, have been contaminated with chromium. Volatile organic compounds (VOCs) including benzene, trichloroethene, tetrachlorethane, chlorobenzene,

and ethylbenzene was detected in some soil samples. None of these were found in groundwater, surface water, or air.

* Water supply wells at the Hillside Industrial Park and the High Manor Mobile Home Park were contaminated with chromium discharged from the Precision Plating facility. These wells have been removed from service.

* Clark's Brook was contaminated by runoff water from the industrial park.

HEALTH CONCERNS

■ Employees at the Hillside Industrial Park facilities and some residents of the High Manor Mobile Home Park were exposed from 1979 to 1985 by drinking and showering with water contaminated with chromium above safe levels.

■ Exposure to chromium may cause dermatitis, allergic skin reactions, and kidney problems. People concerned with past potential exposures should talk with their physician about possible health effects.

■ Although exposures to chromium have occurred, there is not enough information to determine the levels or duration of exposure for those individuals who were exposed.

What You Should Know

ATSDR has concluded that this site is an indeterminate public health hazard. Exposures to chromium have occurred in the past but there is not enough data to document long-term exposures to levels that are expected to cause adverse health problems.

* Individuals concerned about possible past exposures to chromium should talk with their private physicians regarding potential health effects.

* Workers at the Hillside Industrial Park should be educated regarding the potential health effects of past exposure to chromium.

SITE ACTIVITY STATUS AND PLANS

■ Soil contaminated with chromium was removed near the spill site and other areas in the industrial park in 1988. The area was then backfilled with clean fill and contaminated soils were taken to Mid-Connecticut Landfill, in Hartford, CT.

■ High Manor Mobile Home Park was put on public water supply in 1990. Public water was extended to Hillside Industrial Park in 1992.

■ Quarterly monitoring of the contaminated wells, Bruce's brook, and an un-named intermittent stream is being conducted under the guidance of the CT Department of Environmental Protection (DEP).

■ Quarterly monitoring of water from private wells in homes along Route 30 is being conducted to check for potential contamination.

■ A groundwater pump and treat system was placed in operation in 1992 to clean up contaminated groundwater. Periodic monitoring is being conducted to check the system's effectiveness.

■ The Connecticut Department of Public Health and Addiction Services will conduct environmental health education programs for local public health officials, the local medical community and local citizens.

■ The Connecticut Department of Public Health and Addiction Services will conduct a review of relevant health outcome data (such as the CT Tumor Registry) after an appropriate period of time has passed since the first exposures.

INFORMATION SOURCES

HEALTH: If you have health concerns related to the site, please contact your physician. Explain your situation and to what you may have been exposed. Your physician may contact the North Central Health District or the Connecticut Department of Public Health and Addiction Services with any questions.

North Central Health District
47 North Main St
P.O. Box 1222
Enfield, CT 06083
745-0383

State of Connecticut
Department of Public Health
and Addiction Services
Environmental Epidemiology and
Occupational Health Section
150 Washington St.
Hartford, CT 06106
566-8167

Agency for Toxic Substances
and Disease Registry
Region 1
60 Westview St.
Lexington, MA 02173
(617) 860-4619

WATER QUALITY: If you have concerns about the quality of water around the Precision Plating Corporation site, contact the North Central Health District or the Department of Environmental Protection, Bureau of Water Management.

CT Dept. of Environmental
Protection
Bureau of Water Management
Groundwater Section
165 Capitol Ave
Hartford, CT 06106
(203) 566-3654

PUBLIC WATER SUPPLY: If you are interested in connecting to a public water supply, contact the Connecticut Water Company.

Connecticut Water Company
25 North Road
East Windsor, CT 06088
623-3354

SUPERFUND: Information regarding the federal Superfund process may be obtained from:

U.S. Environmental Protection
Agency
JFK Federal Building(HEC-CANG)
Boston, MA 02203
(617) 573-9627

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