



STATE OF NEW YORK DEPARTMENT OF HEALTH

Center for Environmental Health 2 University Place Albany, New York 12203-3399

Mark R. Chassin, M.D., M.P.P., M.P.H.
Commissioner
Paula Wilson
Executive Deputy Commissioner

OFFICE OF PUBLIC HEALTH

Lloyd Novick, M.D., M.P.H.
Director
Diana Jones Ritter
Executive Deputy Director
William N. Stasiuk, P.E., Ph.D.
Center Director

December 13, 1994

DEC 16 1994

Dear Interested Party:

Enclosed is a copy of the Site Review and Update (SRU) dated March 25, 1994, for the Tronic Plating Company site. The New York State Department of Health (NYSDOH) prepared the SRU under a cooperative agreement with the U.S. Agency for Toxic Substances and Disease Registry (ATSDR). The purpose of the SRU is to evaluate the current conditions of the site and to help determine if additional follow-up public health actions are needed (i.e., public health assessments or health consultations). At this time, the document is final and will not be reissued unless new and substantial information or data are submitted that warrant re-evaluation.

A copy of the SRU has been placed in the Tronic Plating Company site document repository at the Farmingdale Public Library for public review. The document repository and the NYS DEC contact are listed below.

Location of site
document repository

Ms. Carol Probeyahn
Assistant Director
Farmingdale Public Library
274 Main Street
Farmingdale NY 11735
(516) 249-9090

For general information on
the NYS hazardous waste
site program in Long Island

Joshua Epstein
Citizen Participation Specialist
NYS Dept. of Environmental Conservation
SUNY, BLDG. # 40
Stony Brook, NY 11794
(516) 444-0249

For any additional questions or to obtain copies of the SRU, please do not hesitate to contact me at the toll-free number, (800) 458-1158, ext. 402.

Sincerely,

Nina M. Knapp
Health Liaison Program
Bureau of Toxic Substance Assessment

Enclosure

42800341

SITE REVIEW AND UPDATE

TRONIC PLATING COMPANY, INC.

Farmingdale, Suffolk County, New York

CERCLIS NO. NYD002059517

REVISED

March 25, 1994

Prepared By

New York State Department of Health

Under a Cooperative Agreement With

U.S. Department of Health & Human Services

Public Health Service

Agency for Toxic Substances and Disease Registry

Site Review and Update: A Note of Explanation

The purpose of the Site Review and Update is to discuss the current status of a hazardous waste site and to identify future ATSDR activities planned for the site. The SRU is generally reserved to update activities for those sites for which public health assessments have been previously prepared (it is not intended to be an addendum to a public health assessment). The SRU, in conjunction with the ATSDR Site Ranking Scheme, will be used to determine relative priorities for future ATSDR public health actions.

REVISED SITE REVIEW AND UPDATE

TRONIC PLATING COMPANY, INC.

FARMINGDALE, SUFFOLK COUNTY, NEW YORK

CERCLIS NO. NYD002059517

Prepared By:

**New York State Department of Health
Under a Cooperative Agreement with the
Agency for Toxic Substances and Disease Registry**

SUMMARY OF BACKGROUND AND HISTORY

The Tronic Metal Plating Company site is in the Town of Babylon, Suffolk County, New York. Tronic Plating operated an electroplating and metal anodizing facility at 168 Central Avenue from July 1968 to March 1984. The facility historically occupied the southeast portion (7,200 square feet) of a 48,000 square foot building on a 2.68 acre lot. The area surrounding the Tronic site is heavily industrialized. During the operation of this facility, industrial waste water was discharged into one sanitary and four industrial leaching pools and three storm drains. This method of subsurface disposal was common to many of the businesses near the Tronic Plating site. In 1979, the Suffolk County Department of Health Services (SC DHS) cited Tronic Plating with a violation due to the illegal discharge of a blue-green liquid into one of the storm drains. The four industrial leaching pools were subsequently pumped out and backfilled with clean soil. In 1984, the facility moved to 37 Potter Street, Farmingdale, Nassau County. Waste water from the building is presently discharged to the municipal treatment plant servicing the area.

In June 1989, a preliminary health assessment (PHA), prepared by the New York State Department of Health (NYS DOH) under a cooperative agreement with the Agency for Toxic Substances and Disease Registry (ATSDR), was issued for the site. The NYS DOH concluded that the site posed a potential human health threat, due to the confirmed discharge of waste water to the leaching pits and storm drains, and that a remedial investigation (RI) would be necessary to evaluate on-site contamination. In 1989, a remedial investigation/feasibility study (RI/FS) was initiated at the site by the owner of the property. Elevated concentrations of cadmium, chromium, copper and lead were found in the leaching pits and storm drains. Cadmium was also detected at an elevated concentration (93 micrograms/liter) in a groundwater monitoring well downgradient from one of the storm drains. Although volatile organic compounds were detected in on-site groundwater monitoring wells, it appears that this contamination originates from an off-site source(s). During the RI, trichloroethene (up to 490 micrograms per liter) and tetrachloroethene (up to 18 micrograms per liter) were detected in an up-gradient well. Since homes and businesses near the Tronic Plating site are supplied by public water, exposure to site-related contaminants in drinking water is not expected. In August of 1993, contaminated soils were removed from on-site leaching pits and storm drains. The remediated areas have been backfilled with 10 to 30 feet of clean soil.

The East Farmingdale and Gazza public drinking water wellfields are about one mile southwest of the site. Groundwater flow from the Tronic Plating site is in a southeasterly direction. The water quality of the East Farmingdale well is consistently good and the well remains in full service. A shallow and a deep well are located at the Gazza wellfield. The shallow well at the Gazza wellfield was taken out of service in 1977, due to organic chemical contamination. Although the water quality in the deep Gazza well meets NYS DOH drinking water standards, this well is used on an emergency basis only due to odor problems. The community has not registered any past concerns in reference to this site with the NYS DOH or the SC DHS.

CURRENT CONDITIONS OF SITE

At the request of the NYS DOH, SC DHS personnel visited the site on March 3, 1993. Based on observations made during that visit, there have been no apparent changes to the site since NYS DOH inspected the site in 1985. The area surrounding the Tronic Plating site remains heavily industrialized. Another electroplating facility, Astro Electroplating, is a few hundred feet northeast and upgradient of the Tronic Plating site. The Long Island National Cemetery is south of the site. The areas where the industrial and sanitary leaching pools were located are paved. There are no completed pathways of exposure at this site.

CURRENT ISSUES

The areas of contamination identified during the RI, which include the subsurface sanitary and industrial leaching pools and the storm drains, were not accessible to the general public. Since the RI, these areas were excavated, removed off-site, and replaced with clean soils. Groundwater downgradient from areas of excavation will be monitored to ensure that the removal action was effective. The community has not registered any recent concerns in reference to this site with the NYS DOH or the SC DHS.

CONCLUSIONS

The RI for this site was adequate to characterize the nature and extent of contamination. Since the 1989 ATSDR Health Assessment was issued, contaminated soil and sediments were removed from on-site leaching pits and storm drains. Although contamination in excess of NYS DOH drinking water standards was detected in on-site monitoring wells, exposure to contaminated groundwater is not expected since homes and businesses near the site are supplied by public water. This site currently represents no public health hazard.

RECOMMENDATIONS

Groundwater downgradient from the remediated leaching pits and storm drains should be monitored to ensure that the removal action was effective. A public health assessment or health consultation are not necessary based on the limited potential for exposures and lack of completed, current or past exposure pathways.

The data and information developed in the Site Review and Update have been evaluated to determine if follow-up actions may be indicated. No further public health actions are indicated at this time.

DOCUMENTS REVIEWED

Documents reviewed by the NYS DOH for this summary are as follows:

1. Draft Final Risk Assessment, Tronic Plating Site, May 1992.
2. Remedial Investigation Report, Tronic Metal Plating Company Site, October 1991.
3. Preliminary Health Assessment (ATSDR), Tronic Plating Company, Inc., June 1989.

PREPARER OF THE REPORT

**Joseph Crua
Environmental Health Specialist
Bureau of Environmental Exposure Investigation
New York State Department of Health**