

Tronic Plating Co., Inc.

New York

EPA ID#: NYD002059517

EPA REGION 2 Congressional District(s): 03

Suffolk
Farmingdale

NPL LISTING HISTORY
Proposed Date: 10/1/1984
Final Date: 6/1/1986
Deletion Date: 10/5/2001

Site Description

The Tronic Plating Co., Inc. site comprises 1/2 acre of a 2 1/2-acre lot and is located in a relatively flat area of Farmingdale. Tronic Plating occupied the southeastern corner of a long building in an industrial park area from 1968 to 1984, where it provided electroplating and metal protective coating services for the electronics industry. The site consists of the long building, two inside above ground storage tanks, four underground leaching pools, and a storm drain in the paved area to the northeast of the building. During its operation, the facility discharged industrial wastes into a sanitary pit and the four underground leaching pools. The storm drains, which were located approximately 40 feet from the northern rear door of the operation, were allegedly also utilized by Tronic Plating to dispose of potentially hazardous effluent. New York State issued a Pollutant Discharge Elimination System permit to Tronic in 1980. Tests conducted by the New York State Department of Health in 1985 detected heavy metals including copper, silver, iron, zinc, lead, and cadmium in the leaching pools and in the storm drain. The company now is operating in another location. The building space where it formerly operated is occupied by three small companies. About 16,000 people in the area use groundwater as their sole source of drinking water. The population within a 1-mile radius of the site is estimated to be about 1,800 people. The closest residences are located approximately 1,000 feet east of the site. An industrial school is located 3/4 miles northeast of the site.

Site Responsibility: This site is being addressed through Federal and potentially responsible parties' actions.

Threat and Contaminants

Results from the Remedial Investigation sampling indicated that ground water, subsurface soils, storm drain sediments and storm drain water were contaminated primarily with volatile organic compounds and heavy metals. Most surface soils are not currently exposed because of the presence of pavement and buildings. Disposal history suggests that surface contamination is not of primary concern. Air impacts are also minimal. On the basis of current and future land-use information, residential development of the site or its surroundings is not expected. EPA performed a risk assessment evaluating the exposure of workers at the site. All carcinogenic risks fell within EPA's acceptable risk range of 10^{-6} to 10^{-4} . Non-carcinogenic risks also did not exceed EPA criteria. However, since some soils and sediments on-site were determined to be contaminated, these soils and sediments were excavated and removed from the site in a removal action.

Cleanup Approach

The site was addressed in a single long-term remedial phase directed at cleanup of the entire site.

Response Action Status

Entire Site: The party potentially responsible for the site contamination started an investigation defining the site contamination in 1988 and completed it in 1992. The EPA examined the investigation results and determined that the site does not pose a significant threat to human health and the environment. However, EPA identified waste present in storm drains, sanitary leaching pools and dry wells at the site that could be discretely removed. Therefore, the Commerce Holding Company removed these wastes from the site.

Site Facts: Commerce Holding Company signed an Administrative Order on Consent which obligated the company to conduct an investigation of site contamination under EPA supervision. Once the investigation was completed, Commerce Holding Company signed another Administrative Order on Consent to remove contaminated soils and sediments from

on-site storm drains, sanitary leaching pools and dry wells.

Cleanup Progress

After listing the Tronic Plating Co., Inc. site on the NPL, the EPA performed a preliminary evaluation and determined that the site did not pose an immediate threat to the community or the environment while investigations to determine final cleanup remedies were taking place. A Remedial Investigation/Feasibility Study was performed by Commerce Holding Company. The results of this investigation indicated that there were contaminated soils and sediments on-site, but at low levels that did not pose a risk to human health. EPA conducted a risk assessment that determined that the risks from the site were within EPA's acceptable risk range. However, since waste was identified on-site that could be removed discretely, the Commerce Holding Company performed a removal action to remove these wastes from on-site drainage areas. This removal action was successfully completed in September 1993. Approximately 9,000 gallons of ground water and 10 tons of sediment were removed from the site. The site was deleted from the National Priorities List in October 2001.

Site Repositories

Copies of site related documents are available at:

Farmingdale Public Library 274 Main Street Farmingdale, New York 11735