

# Computer Circuits, Corp.

New York

EPA ID#: NYD125499673

## EPA REGION 2

Congressional District(s): 02

Suffolk

Hauppauge, NY

NPL LISTING HISTORY

Proposed Date: 7/28/1998

Final Date: 5/10/1999

## Site Description

The Computer Circuits site consists of a one story building, approximately 0.4 acres in size, located on a 1.7 acre lot in an industrial/commercial area of Hauppauge, Suffolk County, New York. It is bordered by Marcus Boulevard to the west and other commercial businesses to the north, south, and east. From 1969 to 1991, the property was owned by MCS Realty, who leased the property to various companies; from 1991 to the present, the property has been owned by 145 Marcus Blvd, Inc. Computer Circuits occupied the entire property from 1969 to 1977. The site is currently occupied by Castle Financial Services, Inc. Computer Circuits was a manufacturer of printed circuit boards for both military and commercial applications. Waste liquids from the manufacturing process were discharged to five cesspools located to the southeast of the building and one cesspool on the north side of the building. On numerous occasions between 1976 and 1977, the Suffolk County Department of Environmental Control collected samples from the cesspools, and found that copper and lead were consistently detected at levels above the permit limits. An inspection conducted in 1976 revealed that the site was littered with trash, broken barrels, and spilled piles of chemicals and blue/green colored sludges. Chemical analysis of ground water samples taken from monitoring wells at the site indicated the presence of significant levels of copper and volatile organic compounds (VOCs). The Computer Circuits site overlies an interconnected aquifer system consisting of the Upper Glacial Aquifer and the deeper Magothy Formation. All nearby residents obtain their drinking water from public supply wells with 60 municipal wells located within four miles of the site. The site is located over a New York State designated Wellhead Protection Area.

Site Responsibility: This site is being addressed through Federal and Potentially Responsible Party (PRP) actions.

## Threat and Contaminants

VOCs, particularly trichloroethylene, have been detected above standards in some groundwater samples beneath and upgradient of the site. Exposure to contaminated groundwater through direct contact, ingestion or inhalation may pose a health threat. The Suffolk County Department of Health Services has indicated that residents in the vicinity of the site may not maintain private wells as a source of drinking water. Instead, residents in the vicinity of the site obtain their drinking water from a public water supply, which is routinely monitored to ensure compliance with State and Federal drinking water standards. Elevated levels of trichloroethylene have also been detected in site soils, in the areas of former industrial cesspools, and in indoor air within the building located on the property.

## Cleanup Approach

The site is currently being addressed in two phases, namely, a response phase to remediate soil contamination in a source area and a long-term remedial phase focusing on cleanup of the entire site (soils and groundwater).

Response Action Status: The owner of the site is currently operating two soil-vapor extraction systems to remove site-related volatile organic compounds (primarily trichloroethylene) from two different source areas and to mitigate the migration of these contaminants into the building.

Previous Actions: The cesspools on the southeast side of the building were excavated and backfilled by Computer Circuits in 1976 and 1977. In addition, approximately four inches of sediments were removed from the cesspool on the north side of the building.

Entire Site: The EPA negotiated an Administrative Order on Consent with the property owner for the implementation of a remedial investigation and feasibility study (RI/FS), which assessed the nature and extent of contamination and identified alternatives to address it; this work was initiated in November, 2001 and was completed in 2007. A Record of Decision,

which states the remedial actions to be taken at the site, was issued on September 30, 2008. The owner of the property is implementing the remedy.

## **Cleanup Progress**

The owner of the site has installed and operated a soil-vapor extraction system to remove site-related volatile organic compounds from a source area on the north side of the on-site building and to mitigate the migration of these contaminants into the building. In addition, the EPA installed an additional soil-vapor extraction system to remove site-related volatile organic compounds from a source area on the south side of the on-site building and to mitigate the migration of these contaminants into the building. The owner of the property will continue to operate both soil-vapor extraction systems pursuant to the Record of Decision.

The owner of the site performs periodic indoor air monitor. Indoor air monitoring data continues to reflect that indoor air is safe and that contaminant levels do not exceed levels of concern.

## **Site Repositories**

EPA Region 2, Records Center, 290 Broadway, 18th flr, New York, NY 10007

Smithtown Public Library, One North Country Road, Smithtown, NY 11787