

Inactive Hazardous Waste Disposal Report

April 1, 2001

Site Name: Photocircuits Corporation	Site Code: 130009
Class Code: 2 Region: 1	EPA Id: NYD09620483
Address: 31 Sea Cliff Avenue	County: Nassau City: Glen Cove Zip: 11542
Latitude: 40 51' 5" Longitude: 73 37' 21"	
Site Type: Structure	Estimated Size: 9.97 Acres

Site Owner / Operator Information:

Current Owner(s) Name: Photocircuits Corporation		
Current Owner(s) Address: 31 Sea Cliff Avenue	Glen Cove	NY 11542
Owner(s) during disposal: Powers Chemco/Kollmorgen/Photocircuits		
Operator(s) during disposal: Photocircuits Corporation		
Stated Operator(s) Address: 31 Sea Cliff Avenue	Glen Cove	NY 11542
Hazardous Waste Disposal Period: From 1954	To present	

Site Description:

Photocircuits Corporation is one of several properties that comprise the Sea Cliff Avenue Industrial Area. The property was formerly owned by Powers Chemco (1954-1971) & Kollmorgen Corporation (1971-1986). Kollmorgen and Photocircuits manufactured printed circuit boards. Past investigations of this area have documented high concentrations of chlorinated organics in the groundwater underlying the site. To identify the source of these contaminants, a Preliminary Site Assessment (PSA) was conducted by the Nassau County Department of Public Works (NCDPW) through a Municipal Delegation Agreement with the NYSDEC. The investigation relied largely on compilation and interpretation of existing raw data. The PSA report noted the presence of volatile organic compounds (VOCs), particularly 1,1,1-trichloroethane (1,1,1-TCA), in the soil and groundwater associated with these premises, and identifies Photocircuits as a source of methylene chloride, 1,1,1-TCA and tetrachloroethene. The concentration in the aquifer is also well above the applicable Part 703 Groundwater Standard, and is thereby presenting a significant threat to the environment. In January of 1997, a site investigation was conducted by a consultant. Based on the results of this investigation, a Remedial Investigation / Interim Remedial Measure Work Plan was finalized in March 1997, and was executed in 1998. During the summer of 2000, a soil vapor extraction (SVE) system IRM was installed in the most contaminated area of the site. In addition a pilot study to use bio remediation to remediate groundwater contamination in the same area was begun. This study is still in progress. The SVE system is operating satisfactorily

Confirmed Hazardous Waste Disposal:

1,1,1-Trichloroethane (TCA (F001))

Quantity:

unknown

Analytical Data Available for: Groundwater Soil
Applicable Standards Exceeded in: Groundwater
Geotechnical Information:
Soil/Rock Type: Silt-rich and sand-rich till. Depth to Groundwater: Range: 1 to 100 feet.
Legal Action: Type: State Consent Order Status: Order Signed
Remedial Action: In Progress Nature of action: IRM-Soil vapor extraction.

Assessment of Environmental Problems:

oil on the premises has been contaminated with VOCs, and this contamination has spread to the underlying sole-source aquifer.

Assessment of Health Problems:

Soils and groundwater are contaminated with volatile organics. Exposures to contaminated soil are not expected because access to the site is restricted by fencing. Exposure to contaminated groundwater is not expected because public water serves the area. Three public supply wells at the Carney Street wellfield (located at the perimeter of Sea Cliff Industrial Area) were closed in 1977 due to impact from the contaminant plume. The groundwater contamination could affect other area public supply wells; contamination in these wells, if any, would be detected by the routine monitoring required for public water supplies.