



*** CERCLIS/NPL/INACTIVE HAZARDOUS DISPOSAL SITE INFORMATION REQUEST ***

IBM CORP. - ENDICOTT FACILITY
1701 NORTH STREET

ENDICOTT (TOWN OF UNION), NY 13760

Facility Id: 704014

EPA Facility Name: IBM
1701 N ST

ENDICOTT, NY 13760

EPA Facility Id: NYD002233039

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - CERCLIS - X NYSDEC REGISTRY - X NYSDEC REGISTRY QUALIFYING -

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 2 REGION: 7
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

SITE CODE: 704014
EPA ID: NYD002233039

NAME OF SITE: IBM Corp. - Endicott Facility
STREET ADDRESS: 1701 North Street
TOWN/CITY: Endicott (Town of Union) ZIP: 13760

COUNTY: Broome

SITE TYPE: Dump- Structure- Lagoon- Landfill- Treatment Pond-

ESTIMATED SIZE: 140 Acres

SITE OWNER/OPERATOR INFORMATION:

CURRENT OWNER(S):

NAME.....: HURON REAL ESTATE ASSOCIATES
ADDRESS..: 1701 NORTH ST., ENDICOTT, NY 13760
NAME.....: Huron Real Estate Associates
ADDRESS..: 1701 North Street, Endicott, NY 13760

OWNER DURING DISPOSAL:

NAME.....: SAME AS CURRENT OWNER

OPERATOR(S) DURING DISPOSAL:

NAME.....: SAME AS CURRENT OWNER
ADDRESS..: 1701 NORTH ST., ENDICOTT, NY 13760
NAME.....: IBM Corporation - Endicott Facility
ADDRESS..: 1701 North Street, Endicott, NY 13760

HAZARDOUS WASTE DISPOSAL PERIOD: from 1979 Spill to 1979 Spill

SITE DESCRIPTION:

In December of 1979, a 4,100 gallon methyl chloroform release was reported. IBM began an investigation of the hydrogeologic conditions at their facility and the adjacent area, and discovered concentrations of methyl chloroform, trichloroethylene, tetrachloroethylene, methylene chloride, freon, benzene, toluene and xylene in the upper alluvial aquifer beneath the IBM main site and extending into residential and commercial areas. Groundwater pump and treat and monitoring began in 1980 and continue today. Groundwater contaminant concentrations are highest in the vicinity of the manufacturing complex along the railroad and diminish with distance from the site. In 2002, IBM began a study to determine if vapors from the contaminated groundwater were entering structures located above the plume and impacting indoor air. Hundreds of private structures have received mitigation systems. On November 1, 2002, IBM sold the Endicott facility to Huron Real Estate Associates. Reports documenting impacts to various media indicate there is a significant threat to the environment and public health. Given the current groundwater concentrations of VOCs on-site, there is a significant threat to groundwater. The recently identified off-site private structures needing mitigation systems identifies a threat to public health. Data provided in the December 31, 2003 Supplemental Groundwater Assessment Report prepared by IBM indicates that on-site groundwater concentrations have not sufficiently decreased and additional action is required.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
METHYLENE CHLORIDE	UNKNOWN
METHYL CHLOROFORM	UNKNOWN
TETRACHLOROETHYLENE (PCE OR "PERC.")	UNKNOWN
TRICHLOROETHYLENE (TCE)	UNKNOWN
BENZENE	UNKNOWN
TOLUENE	UNKNOWN
XYLENE	UNKNOWN
FREON	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Groundwater contamination is present at levels that exceed the applicable Part 703 groundwater standards. Indoor air concentrations exceed the draft EPA guidance values.

ASSESSMENT OF HEALTH PROBLEMS:

Significant groundwater contamination exists within the aquifer beneath this site. However, routine monitoring of public water supply wells does not show any violation of drinking water maximum contaminant levels for organic chemicals. September 2002 soil gas investigation revealed a potential for exposure to VOCs in indoor air. Basement level soil gas samples collected in November 2002 define extent of soil vapor impacts within the study area and show that significant potential for exposure to VOCs in indoor air exists. Subsequent indoor air samples collected from within buildings located above the soil vapor plume show low level impacts. The likelihood of health effects associated with exposure to VOCs at the levels measured is low. Indoor air sampling is expected to continue through 2003. IBM has begun installing soil vapor ventilation systems in those buildings impacted by soil gas originating from the groundwater contaminant plume. These systems are designed to minimize exposure to VOCs from soil gas by capturing the gas before it enters the building.

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-X	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE:	Gravel.
GROUNDWATER DEPTH:	Range: 10 to 15 feet.

LEGAL ACTION:	Type: Consent Order	State-X	Federal-
STATUS:	Negotiation in Progress-	Order Signed-X	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-	Completed-X
NATURE OF ACTION:	Groundwater pump & treat system.		
