



FACT SHEET

State Superfund Program

Former IBM Endicott Site
Site No. 704014
Endicott, New York

January 2012

Interim Remedial Measure for Building 57/57A **Former IBM Endicott State Superfund Site**

This fact sheet is being distributed to tenants of Huron Building 57 to provide a brief overview of the remedial measures being taken to address contamination in the Huron Building 57/57A Area (also known as Operable Unit #5) at the former IBM Endicott site in the Town of Union, Broome County. Persons interested in obtaining more detailed information are encouraged to use the resources described in the last section of this fact sheet.

The Interim Remedial Measure (IRM)

IBM has begun installation of a remedial technology known as *in-situ thermal treatment* (ISTT) that is intended to remove source area contamination in soil and shallow groundwater beneath and adjacent to Building 57A. This technology uses electricity to heat the subsurface in the treatment area, effectively volatilizing contaminants so they can be recovered and treated. This technology also places the remedial area beneath the concrete slab of Building 57A under vacuum, and transports volatilized vapors to a carbon treatment system outside of the building. A

similar remedial technology was used successfully to clean up source area contamination at another area of the former IBM Endicott facility (the former Ideal Cleaners site, also known as Operable Unit #4) located a short distance south of Building 57. The vendor being used by IBM to construct and operate the system (TRS Group, Inc.) has successfully completed similar remediation projects at over 70 sites within the United States including below active commercial businesses and under conditions similar to those that exist at Building 57/57A.

Availability of Documents

In Situ Thermal Treatment IRM Work Plan Operable Unit #5, Building 57 Area Former IBM Endicott Facility Endicott, New York

NYSDEC invites you to review the work plan detailing the interim remedy for the Building 57 Area within the former IBM facility. Documents and more information are available from the sources listed at the end of this Fact Sheet.

State Superfund Program: New York State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC generally attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit:
www.dec.ny.gov/chemical/8439.html

The interim remedial measure includes a number of safeguards to protect individuals from potential hazards associated with the ISTT system. In addition to physical barriers, negative pressure beneath the slab, and automatic emergency shutdown procedures, systems are in place to prevent or reduce the potential for exposure to site-related contaminants. A community air monitoring program has been in effect throughout the construction phase and will continue through the operational phase. During early phases of system construction, ambient air was monitored continuously, both indoors and outdoors, for volatile organic compounds (VOCs) and particulate matter (dust). When the system becomes operational, ambient air (indoors and outdoors) will be monitored continuously for VOCs. In the event that action levels are

exceeded, procedures are in place to stop work and make adjustments to engineering controls or work practices as necessary.

The IRM is described more fully in a final IRM Work Plan developed under New York State's Superfund Program. The document is available for public review at the locations identified below under "Where to Find Information".

The decision to conduct this IRM was made following a detailed investigation of the site (a *Supplemental Remedial Investigation*) and an evaluation of available remedial technologies (a *Remedial Alternatives Assessment*). These documents are also available for public review at the locations identified below under "Where to Find Information".

Background

Four contaminant source zones have been identified in soil and groundwater in the Building 57/57A Area. Three are located near the east end of Building 57A and one is located beneath the loading dock area of 57A. Contaminants identified in these four source zones include three solvents – trichloroethene (TCE), 1,1,1-trichloroethane (TCA), and CFC-113 (Freon 113) – and the natural breakdown products of these three solvents. Remediation activities have been ongoing in this area since 1997. From that time until the present, IBM has operated a 'pump-and-treat' system to remove contaminated groundwater from the site. In 2011, the State approved a plan to construct and operate the in-situ thermal treatment IRM described in this fact sheet in order to accelerate the cleanup in the Building 57/57A area.

Next Steps

Upon completion of the IRM, site conditions will be re-evaluated and the next steps will be determined at that time.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following locations to help the public to stay informed.

G. F. Johnson Mem. Library 1001 Park Street Endicott, New York 13760 (607) 757-5350 Mon-Thu 9-9, Fri-Sat 9-5	NYSDEC Region 7 615 Erie Blvd. West Syracuse, New York 13204 (315) 426-7403 Mon-Fri 8:30am-4:30pm	NYSDEC 625 Broadway Albany, New York 12233 (518) 402-9814 Mon-Fri 8:30am-5pm
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Who to Contact

Comments and questions are always welcome and should be directed as follows:

Project Related Questions

Alex Czuhanich
NYSDEC
625 Broadway
Albany, New York 12233
(518) 402-9814
agczuhan@gw.dec.state.ny.us

Site-Related Health Questions

Justin Deming
NYSDOH
Flanigan Square, 547 River Street
Troy, New York 12180
(800) 458-1158 ext. 27860
jhd01@health.state.ny.us

If you know someone who would like to be added to the site contact list, have them contact the NYSDEC project manager above. We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.