Department of Environmental Conservation

February 2015

FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email.* See "For More Information" to Learn How.

Site Name: Former IBM Endicott Facility
DEC Site #: 704014 – Operable Unit 03 *
Address: 1701 North Street
Endicott, NY 13760

Have questions? See "Who to Contact" Below

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Thursday, 3/5/2015 at 6:00 PM
George F. Johnson Memorial Library, 1001 Park St., Endicott, NY 13760
NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to Operable Unit 3 (Southern Area) and Off-Site Capture Zone A of the Former IBM Endicott Facility site ("site") located at 1701 North Street, Endicott, Broome County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment
NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 27, 2015** through **March 29, 2015**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

The site is listed as a Class 2 site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required. Cleanup of the site is paid for by IBM.

Proposed Remedial Action Plan
The remedy proposed for the site includes:
Continued operation of the interim remedial measures (IRMs) and continued implementation of the institutional and engineering controls already in place for the off-site areas. The proposed remedy also includes monitoring of groundwater and soil vapor to ensure continued progress in reduction of the plume. Vapor mitigation systems in affected structures will continue to be maintained by IBM.

**Operable Unit:* An administrative term used to identify a portion of a site that can be addressed by a distinct investigation and/or cleanup approach. An operable unit can receive specific investigation, and a particular remedy may be proposed.

The IRMs already in place include: (1) extraction and treatment of contaminated groundwater to reduce the groundwater plume; (2) injection of clean water into the upper aquifer to enhance removal of contaminants from unsaturated areas; and (3) vapor intrusion mitigation for structures in the affected area to reduce or eliminate the impacts of vapor intrusion into occupied buildings.

The institutional controls in place for the area covered by this fact sheet include: (1) consent order/decree; (2) monitoring plans for groundwater and soil vapor; and (3) operation and maintenance plans for the remedial systems.

The engineering controls in place for the area covered by this fact sheet include: (1) groundwater treatment systems; (2) vapor mitigation; and (3) groundwater containment.

The IRMs already in place have been effective in reducing the off-site groundwater plume to a substantial degree. The vapor intrusion mitigation systems installed in structures overlying the plume are effective at reducing or eliminating the effects of vapor intrusion. Continued progress in remediating the groundwater plume will further reduce the vapor intrusion potential.

The Department believes that the remedial measures identified above will accomplish the remediation goals for the site provided that the groundwater remedial and vapor mitigation programs continue to be operated and maintained in a manner consistent with their design.

The proposed remedy is described in a draft cleanup plan called a Proposed Remedial Action Plan for Operable Unit 3 (Southern Area) and Off-Site Capture Zone A of the former IBM-Endicott facility. The draft plan is available for public review at the locations identified below under "Where to Find Information".

Summary of the Investigation

IBM, with oversight from the Department, has conducted numerous investigations in on-site and off-site areas of the former IBM facility beginning in 1979. The results of the investigations indicate that releases of industrial solvents during manufacturing operations at the IBM plant site have impacted groundwater on the site. Contaminated groundwater spread southward from the plant to off-site areas as a result of natural groundwater flow. Contaminant vapors from the groundwater then migrated into the soil overlying the plume.

The investigations also identified other potential or likely sources of contamination in off-site areas. Among these are the former Endicott-Johnson shoe factories, as well as facilities such as print shops, automotive repair facilities, dry cleaners, and smaller manufacturing operations.

Interim remedial measures put in place by IBM during the investigations have been effective in reducing contamination in off-site areas and there are no known or suspected significant sources of contamination remaining in the off-site area covered by this document.

NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments. NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=704014

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

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

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

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

Geo. F. Johnson Mem. Library
Attn: Reference Librarian
1001 Park Street
Endicott, NY 13760
(607) 757-5350

NYSDEC
Attn: Alex Czuhanich
625 Broadway
Albany, NY 12233-7017
(518) 402-9813
alex.czuhanich@dec.ny.gov

NYSDEC - Region 7
Attn: Stephanie Webb
615 Erie Blvd. West
Syracuse, NY 13204
(315) 426-7400

Project documents are also available on the NYSDEC website at:
http://www.dec.ny.gov/chemical/37558.html

Project Related Questions
Alex Czuhanich
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
518-402-9539
alex.czuhanich@dec.ny.gov

Site-Related Health Questions
Bridget Boyd
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 1787
Albany, NY 12237
518-402-7860
BEEI@health.ny.gov

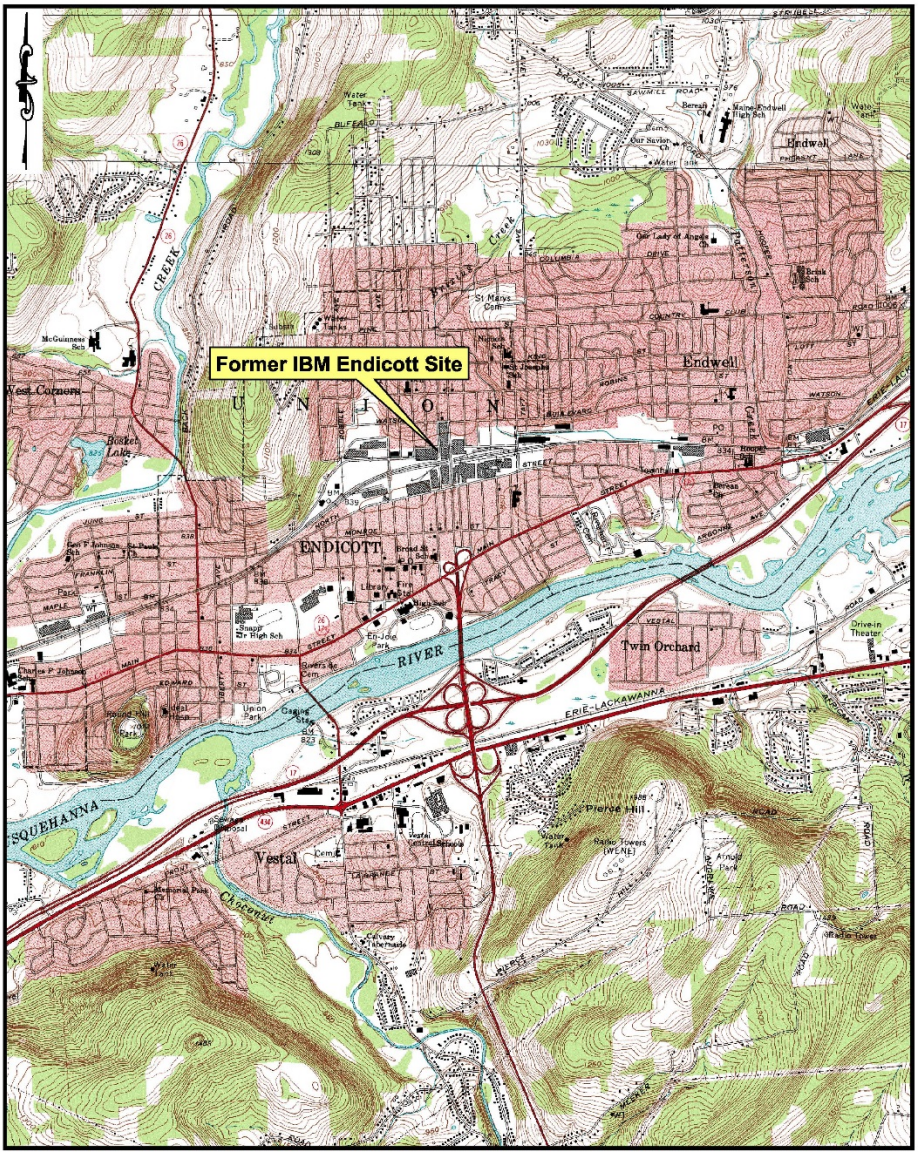
We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: http://www.dec.ny.gov/chemical/61092.html. It's quick, it's free, and it will help keep you *better informed*.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

Note: Please disregard if you already have signed up and received this fact sheet electronically.



Portion of the Endicott, NY and Maine, NY
7.5-minute USGS Quadrangles
(2000)

Figure 1

Former IBM Endicott Site
Site #704014

Site Location Map

Scale
0 1500' 3000'

GROUNDWATER SCIENCES CORPORATION
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