



FACT SHEET

State Superfund Program

Former IBM Endicott Site
704014
Endicott, NY

August 2010

Remedy Proposed for Operable Unit No. 4 Former IBM Endicott State Superfund Site; Public Comment Period and Public Meeting Announced

The public is invited to comment on a no further action remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to Operable Unit No. 4 (Ideal Cleaners site), of the former IBM Endicott State Superfund site ("site"). The site is located at 1900 North Street in the Village of Endicott, Town of Union, Broome County. See map for site location.

Public Meeting
August 25, 2010
7:00 PM - 9:00 PM

Union Endicott High School
1200 East Main Street
Endicott, New York

NYSDEC invites you to a public meeting to discuss the no further action 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 Proposed Remedy

As a result of the In-Situ Thermal Desorption treatment program that IBM implemented in 2009-2010, the soils at the site have been cleaned up, eliminating the site as a source of groundwater contamination. Nevertheless, some residual groundwater contamination remains downgradient of the site, but should get clean over time. The remedy proposed for the site includes continued pumping and treatment of the contaminated groundwater until the groundwater standards are achieved. The proposed remedy also includes ongoing monitoring and maintenance of the vapor intrusion "ventilation" systems and monitoring of the soil vapor until the Department determines that those systems are no longer needed.

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 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 proposed remedy is described in a draft cleanup plan called a "Proposed Remedial Action Plan" developed under New York's State Superfund Program. The document is available for public review at the locations identified below under "Where to Find Information".

How to Comment

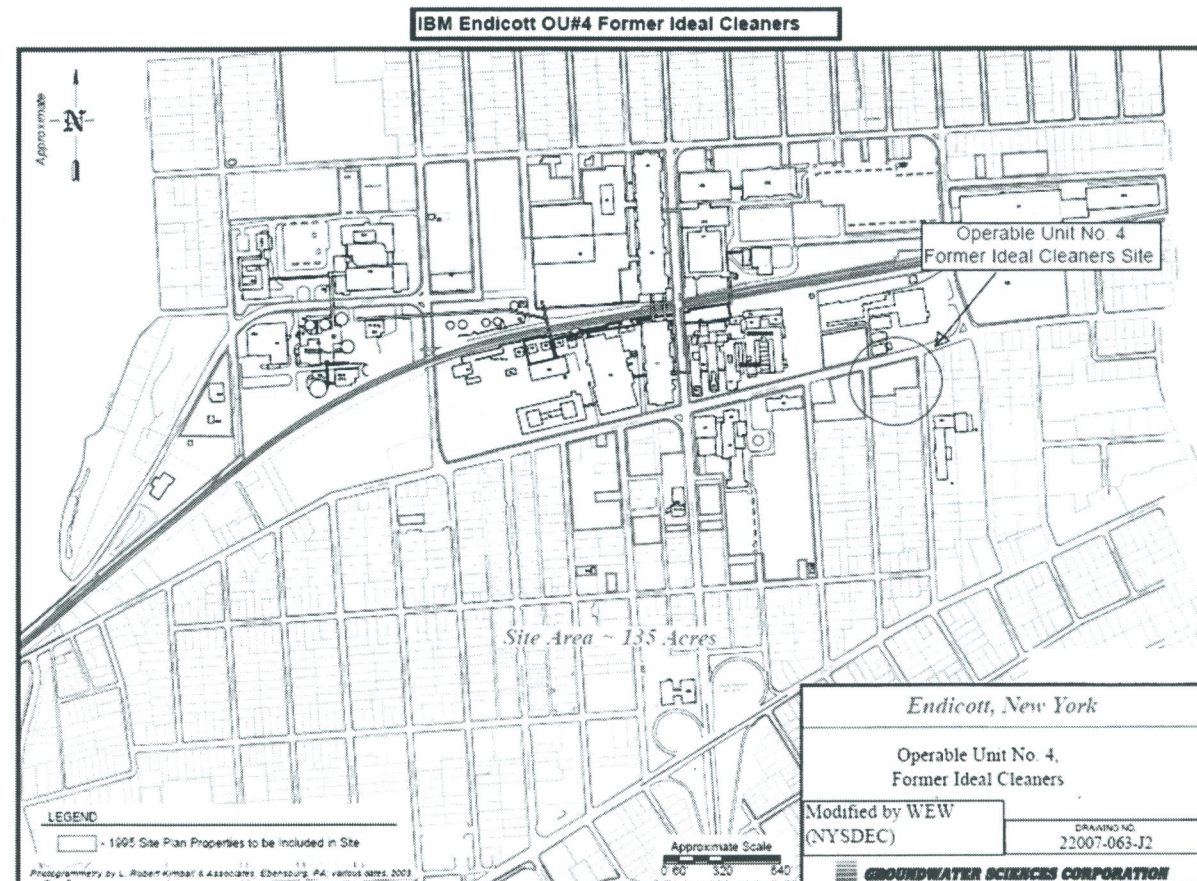
NYSDEC is accepting written comments about the proposed remedy for 30 days, from **August 21, 2010** through **September 21, 2010**.

Who to Contact

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

Meeting/Comment Period/ Technical Information:	Health-Related Information:	Citizen Participation:
William E Wertz, PhD NYSDEC 625 Broadway Albany, New York 12233 Phone: (518) 402-9814 wewertz@gw.dec.state.ny.us	Justin H Deming NYSDOH Flanigan Square 547 River Street Troy, New York 12180-2216 Phone: (800)458-1158 ext.27860 jhd01@health.state.ny.us	Diane Carlton NYSDEC Region 7 615 Erie Boulevard West Syracuse, New York 13204 Phone: (315) 426-7403 (800) 669-6715 dvcarlto@gw.dec.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.



Submit written comments to:
William E. Wertz, Ph.D.,
New York State Dept. of Environmental Conservation
625 Broadway, Albany NY 12033-7017
wewertz@gw.dec.state.ny.us

Summary of the Proposed Remedy

The proposed remedy represents the alternative preferred by NYSDEC and the New York State Department of Health (NYSDOH) to address the remaining site contamination. The proposed remedy was chosen following a detailed investigation of the site and evaluation of alternatives to address contamination, called a “Supplemental Remedial Investigation/Focused Feasibility Study”.

The remedial goal for Operable Unit No. 4 is to clean up the groundwater to the point that the concentrations of site-related contaminants meet the 6NYCRR Part 703 groundwater quality water standards identified in Table 1. Attainment of those standards should also lead to a reduction in the concentration of those contaminants in the soil vapor and, ultimately, elimination of the need for vapor intrusion ventilation systems in the area. The proposed remedy relies on the soil cleanup, groundwater pump and treat, and vapor intrusion ventilation programs that IBM has already implemented at the site as interim remedial measures. (An interim remedial measure (IRM) is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI/FS.) The proposed remedy includes provisions to consider additional groundwater cleanup measures if monitoring data indicate the standards may not be achieved in the next ten years.

Table 1 Groundwater Cleanup Objectives					
Constituent	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethe	trans-1,2-Dichloroethene	Vinyl Chloride
Part 703 Class GA Groundwater Standard (ppb)	5	5	5	5	2

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

Based on the results of the investigations at the site, the IRMs that have been performed, the Department is proposing No Further Action with continued operation of the groundwater remedial and vapor intrusion mitigation programs as the preferred alternative for the site. The Department believes that this alternative would be protective of human health and the environment and would satisfy all cleanup standards criteria and guidance (SCGs). Therefore, the Department concludes that No Further Action is needed other than operation, maintenance, monitoring, and institutional and engineering controls.

Next Steps

NYSDEC will consider public comments as it finalizes the no further action 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. This document will be made available to the public (see “Where to Find Information”).

NYSDEC will keep the public informed during the ongoing operations and monitoring of the site. If the groundwater monitoring program indicates that the site-related groundwater standards may not be attained, enhancements to the remedy will be considered.

Background

The former IBM Endicott Facility is a 135 acre industrial facility situated in the Susquehanna River valley in the Village of Endicott, Broome County, NY. 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.

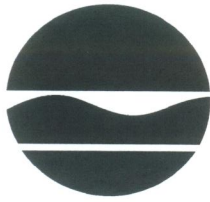
The PRAP identifies the remedy preferred by the NYSDEC and NYSDOH to remediate the soil, groundwater and soil vapor contamination at Operable Unit No. 4, the former Ideal Cleaners property. Releases of hazardous constituents at the Ideal Cleaners property appear to have occurred when the property was used for a dry cleaning facility prior to IBM ownership. The proposed alternative was chosen following a detailed investigation of the site. Operable Unit No. 4 is one of seven Operable Units associated with remediation of the former IBM Endicott site. Remediation of the site by IBM has been ongoing since 1980. In 1992, the remedial actions being performed at the former IBM Endicott site were formally incorporated into the site’s 6 NYCRR Part 373 Resource Conservation and Recovery Act (RCRA) Permit (the Permit). At the time of issuance of the Permit, the site had been reclassified to a Class 4 (which means the site was properly remediated but requires continued management) and the Department determined that the remedial actions in effect at the time were protective of human health and the environment. In 2004, based on the Department’s emerging recognition that vapor intrusion associated with on-site and off-site soil and groundwater contamination represented a previously unanticipated potential threat to human health, the site was reclassified to Class 2. Subsequently, IBM and the Department entered into an Order on Consent that requires IBM to further evaluate and enhance the site remedial program. In addition to the pump and treat programs that IBM had implemented to address groundwater contamination at the site, the company also addressed the potential for vapor intrusion by sampling structures and offering “ventilation systems” to mitigate potential exposures. In order to speed up the cleanup of Operable Unit No. 4 (the subject of this PRAP), IBM implemented an In-Situ Thermal Treatment IRM to address the presence of site-related constituents in the Operable Unit No. 4 source area.

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public to stay informed. These documents include the proposed cleanup plan for the site, called the “Proposed Remedial Action Plan”.

Geo. F. Johnson Memorial Library 1001 Park Street, Endicott, NY 13760 Hours of Operation Mon-Thur 9:00 AM to 9:00 PM Fri - Sat 9:00 AM to 5:00 PM (607) 757-5350	NYSDEC Region 7 615 Erie Boulevard West Syracuse, NY 13204-2400 Mon-Fri 8:30 AM to 4:30 PM Contact: Diane Carlton, Citizen Participation Specialist (315) 426-7403	NYSDEC 625 Broadway Albany, NY 12233-7017 Mon-Fri 8:30 AM to 5:00 PM Contact: William E. Wertz, Ph.D., Project Manager (518) 402-9814
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The New York State Department of
Environmental Conservation



PUBLIC MEETING ANNOUNCEMENT
FORMER IBM ENDICOTT SITE No. 704014
ENVIRONMENTAL REMEDIATION PROGRAM
UNION ENDICOTT HIGH SCHOOL
7:00 PM to 9:00 PM

On Wednesday, August 25, 2010, the NYSDEC will host a public meeting to discuss the status of the ongoing remedial activities at the Former IBM Endicott Site. The meeting will be held in the Union Endicott High School "Large Lecture Hall" from 7:00 PM to 9:00 PM. The meeting format will include presentations by IBM and the NYSDEC followed by an opportunity for the public to meet individually with representatives of IBM, the NYSDEC and NYSDOH.

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The New York State Department of
Environmental Conservation
625 Broadway
Albany, New York 12233

