



FACT SHEET

State Superfund Program

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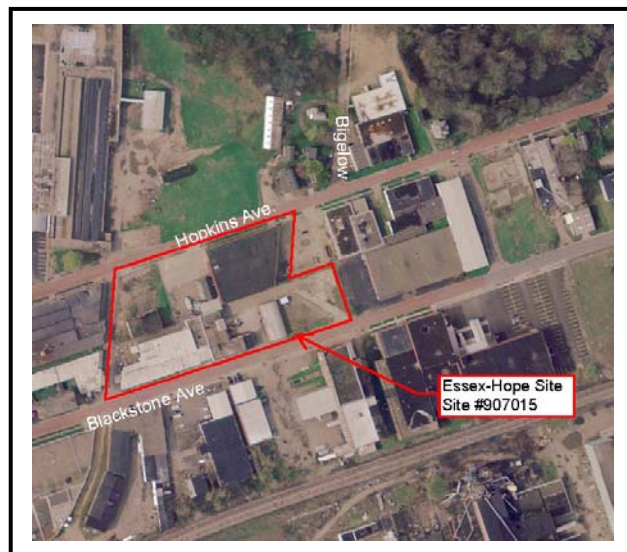
Essex-Hope Site
Site #907015
Jamestown, NY

November 2011

Cleanup to Resume at State Superfund Site

New York State Department of Environmental Conservation (NYSDEC) announces that cleanup activities are about to start that will continue to address contamination related to Former Essex-Hope State Superfund site (“site”) located at 125 Blackstone Avenue in Jamestown, Chautauqua County. Cleanup work is being performed under New York’s State Superfund Program. The site was identified and entered into the Superfund program in 1990. See map for site location.

Past cleanup actions at the site have included excavating soils from the site that contained significant levels of contamination and replacing that soil with clean soil, treatment of some soils with vacuum extraction to remove contamination from soils, removal of underground storage tanks (USTs), and continuous pumping of contaminated groundwater to the surface for treatment.



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

In an effort to ensure a comprehensive cleanup, the Essex Specialty Chemical Inc. and their consultants URS, with oversight provided by NYSDEC, continually incorporate new and innovative methods to remediate the Essex-Hope Site. A desire to keep the involved community updated on continuing efforts and informed of new activities at the site is the intent of this update.

Highlights of the Upcoming Cleanup Activities

The goal of upcoming cleanup actions at the former Essex Hope site is to ensure further protection of public health and the environment. Upcoming cleanup activities, or supplemental Remedial Actions (RA), are planned for area of the site where

underground storage tanks (USTs) were previously removed and will include:

- Treating soils in the area where USTs were previously removed to address any residual soil contamination.
- Addressing a small area of acetone -contaminated groundwater on the site located an area north of the former UST area.

Cleanup methods will involve in-situ treatment of volatile organic compounds (VOCs) in soils and groundwater by injection/infiltration of chemical oxidant sodium persulfate supplemented with other activator chemicals.

Next Steps

Upcoming cleanup activities will begin in early November, 2011, and it is anticipated that they will be completed before January of 2012.

Multiple applications of oxidant may be required to achieve the site cleanup objectives for cleanup of the UST Area. The area will be monitored for a minimum 6-month period after the initial oxidant application to provide data on treatment effectiveness. The results of the monitoring will be evaluated to determine the most feasible cleanup actions to address any residual VOCs. Additional chemical oxidation will be considered, and other approaches will be assessed, including bio-enhancement and natural attenuation. A supplemental RA plan will be prepared, if necessary, to present proposed further remedial actions for the UST Area. This plan would be submitted in mid-2012.

After it completes the cleanup activities, the responsible party will prepare a Remedial Action Report. Remedial Action Report will describe the cleanup activities completed, include conclusions and offer recommendations.

Background

The 4.7 acre Essex-Hope site was formerly the location of a manufacturing facility for industrial coatings and paint that operated from the late 1940's until the early 1990's. The property is currently owned by CPM, Inc. Upcoming cleanup actions are a follow-up response to the previous site investigations that were conducted at the Essex/Hope site in 2005 and 2006. These investigations determined that groundwater beneath the site was contaminated with volatile organic compounds (VOCs), specifically trichloroethylene (TCE) and vinyl chloride.

Previous site investigations also indicated that VOCs in the groundwater migrated off-site, to the northeast vicinity of Bigelow and Hopkins Avenues, as far east as Minsker Avenue. Groundwater affected in this area was found in both shallow (10-20 feet below ground surface) and deep (15-50 feet below ground surface) zones. The zones are located in predominately sand and gravel materials, and are separated throughout the site by a clayey silt layer that acts as a barrier to contaminant movement between the zones. The shallow groundwater VOCs in this area are at relatively low concentrations, and are significantly lower than the VOC levels in the deep zone.

Another area of offsite groundwater contamination was found in the former underground storage tank (UST) area at the south end of the site, near Blackstone Avenue. Groundwater in this area is also contaminated by VOCs, specifically cumene, toluene, ethylbenzene and xylene.

The Essex-Hope Site is listed as a Class “4” site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 4 site represents a site that has been remediated but requires continuing operation and maintenance.

Where to Find Information

Project documents are available at the following location(s) to help the public to stay informed. These documents include the decision document describing the selected remedy for the site, called the “Record of Decision.” It is also available on DEC’s website at:

www.dec.ny.gov/chemical/78203.html .

James Prendergast Library
509 Cherry St.
Jamestown, NY
(716) 484-7135
Hours: M,T,Th,F 10:00 am – 8:30 pm
W – 10:00 am – 5:00 pm
Sat – 10:00 am – 4:00 pm
Sun – Closed

NYS Department of Environmental
Conservation
Region 9 - Buffalo Office
270 Michigan Avenue
Buffalo, New York 14203
(Please call (716) 851-7220 to schedule an appointment).

Who to Contact

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

Project Related Questions

Mr. Maurice F. Moore
New York State Department of
Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203
(716) 851-7220
Email: mfmoore@gw.dec.state.ny.us
Please call for an appointment.

Site-Related Health Questions

Mr. Matthew Forcucci
New York State Department of Health
584 Delaware Avenue
Buffalo, NY 14202
(716) 847-4501
e-mail : beei@health.state.ny.us

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.

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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:
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.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

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