



FACT SHEET

CLEANUP ACTIVITIES TO BE PERFORMED AT ESSEX/HOPE SITE IN JAMESTOWN

Site# 907015
September 2007

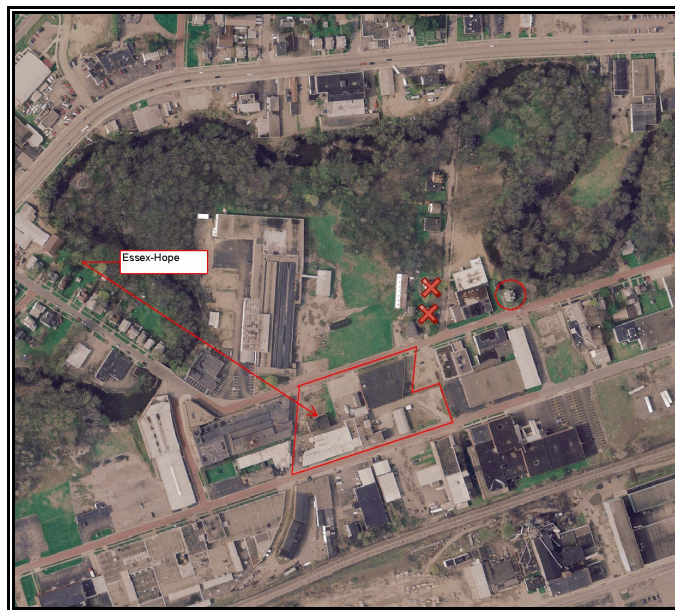
INTRODUCTION

The New York State Department of Environmental Conservation (DEC) wants to inform you that off-site environmental cleanup work will begin this month around the Essex Hope site located at 125 Blackstone Avenue in Jamestown. Cleanup work is needed in order to address contaminated groundwater that has been found 10 to 50 feet below the site's ground surface. Contaminated groundwater was found during previous site investigations.

Cleanup work will involve collecting and treating contaminated groundwater through the installation of several groundwater recovery and monitoring wells in the vicinity of Hopkins Avenue. Upcoming cleanup activities are described in greater detail under the heading "Upcoming Cleanup Activities" on the next page.

Additional site investigation activities will also be conducted to determine the location of potential vapor contamination that may have resulted from contaminated groundwater. Vapor sampling will be conducted in certain residential buildings along Hopkins Avenue.

Environmental investigation and cleanup work at the site is being completed by DOW Chemical Company (DOW) under an Order on Consent through New York State's Superfund Program. DOW has hired URS Corporation, an environmental consulting firm, to perform cleanup and investigation work. New York State's Superfund Program oversees the identification, investigation, and cleanup of sites where significant amounts of hazardous waste may exist. A Consent Order is a legal and enforceable negotiated agreement between DEC and responsible parties, in this case Dow, where responsible parties agree to undertake environmental investigation and cleanup activities, or pay for the cost of environmental investigation and cleanup work at a site.



SITE BACKGROUND AND SITE INVESTIGATION DETAILS

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.

UPCOMING CLEANUP ACTIVITIES

Cleanup activities to be conducted in 2007 will include:

- installing a deep zone recovery well and monitoring well along Hopkins Avenue, northeast of the Essex/Hope site to recover off-site deep zone contaminated groundwater for treatment; and
- conducting investigations to sample indoor air VOCs at selected residential buildings. Small sample pumps will be placed for 1-2 days to retrieve an air sample.

The groundwater monitoring wells will be permanent installations, although, they may be decommissioned within 10 years or less if successful cleanup is achieved. The recovery well will have a pump and a discharge line to convey collected water back to the site treatment system. All affected property will be restored by DOW and URS to pre-work condition at no cost to the property owner.

Indoor air samples will be taken for analysis. Following their evaluation, additional measures, such as passive or active (pumping) sub slab venting, or direct groundwater treatment, may be conducted if necessary.

Future Cleanup Activities

Additional work is planned for in the future for the cleanup of the shallow groundwater VOCs present in the off-site areas to the north and east, and the deep groundwater zone to the north. This work may include groundwater extraction and treatment, in-situ groundwater treatment, or other possible cleanup techniques. Plans for future cleanup work are being evaluated by DOW, URS, and DEC, and are expected to be conducted in 2008.

PROJECT SCHEDULE AND NEXT STEPS

The groundwater recovery well and monitoring well installation will take place in the fall of 2007. The proposed indoor air investigations will be conducted in two phases. The first sampling phase will be completed at least 30 days prior to the start of the heating season (November 15th, 2007). The second sampling will be conducted after the start of the heating season. URS will coordinate all indoor sampling activities and schedules with the building property owners and residents. All affected property owners will be properly notified prior to the start of any work.

Work will only proceed on private properties with the consent of the property owner. Appropriate property access agreements will be provided to provide legal protection of the property owner and URS.

LOCATIONS TO VIEW SITE RELATED DOCUMENTS

Public understanding and involvement are important to the success of the Superfund program. To provide you with more detailed information, DEC has placed site-related project documents at the following locations so that you can view them if interested:

James Prendergast Library
509 Cherry St.
Jamestown, NY or
(716) 484-7135

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 IF YOU HAVE QUESTIONS

Should you have questions related to this project, please feel welcome to contact the following:
Questions regarding the cleanup of this site are welcome. Should you have any questions, please contact the following representatives:

Site-Related Environmental Questions

Mr. Maurice Moore, Project Manager
NYS Department of Environmental Conservation
270 Michigan Avenue
Buffalo, NY 14203
(716) 851-7220

Site-Related Health Questions

Mr. Cameron O'Connor, Public Health Specialist
NYS Department of Health
584 Delaware Avenue
Buffalo, NY 14202
(716) 847-4385

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in your building for others to read. If you know of someone who would like to be added to this project's mailing list so that they receive fact sheets, such as this one, please have them contact Maurice Moore at DEC at (716) 851-7220. Thank you.