

FACT SHEET

State Superfund Program

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Jack's Drycleaners Site
Site No. 734112
9628 Brewerton Rd
Brewerton, NY

February, 2011

Environmental Investigation Continuing at State Superfund Site

Introduction

The New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), is conducting an environmental investigation of the Jack's Drycleaners site ("site"). The site is an active dry cleaning facility located at 9628 Brewerton Road in the Village of Brewerton, Onondaga County. See map for site location. The site was historically utilized as a gasoline station in the 1950's and has since been used as a dry cleaning facility since the 1970's. The dry cleaning business currently uses tetrachloroethene (PCE), a chemical commonly used in the dry cleaning process.

Site Investigation History

In October 2006, as part of the response to a reported petroleum spill at a property adjacent to the site, a subsurface investigation conducted at the site identified volatile organic compounds (VOCs) in soil and groundwater samples, including PCE and breakdown products of PCE (e.g., trichloroethene a.k.a TCE). To investigate further, the State conducted a site characterization in 2008. Results of the site characterization indicated that site-related Volatile Organic Compounds (VOCs) were detected in groundwater samples within and around the site property boundary at concentrations exceeding applicable drinking water standards. Based on this information, a Remedial Investigation (RI) was completed at the site in 2009 in order to further assess the extent of site contamination. As part of the RI, an Interim Remedial Measure was also implemented at the site in 2009 and included the removal and disposal of a suspected contaminant source area (i.e., septic system drainage structures) and associated soils.

Description of Upcoming Investigation Activities

Currently, the State is reviewing environmental data collected as part of the RI and determining what additional information is necessary in order to define the nature and extent of site contamination, evaluate the potential for human contact with site-related contaminants, and evaluate alternatives for remediating the site. As part of the upcoming site investigation, the

State is planning to conduct air sampling of some residential homes and other structures located near the site to determine the potential for soil vapor intrusion to occur. Volatile Organic Compounds (VOCs) in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Sampling of structures, which includes the collection of indoor air and sub-slab vapor (i.e., air beneath building slabs) samples, will begin in the near future during the current winter heating season. The results of this investigation will assist the State in determining whether any additional sampling or corrective actions (e.g., installation of sub-slab depressurization systems) are appropriate. Overall, this additional environmental data will help provide information to support the development of a proposed remedy to address the site contamination.

Next Steps

The information collected during the upcoming investigation will be summarized in a report. NYSDEC will evaluate all environmental sampling data and conduct a “Feasibility Study.” This study uses information developed during the RI to develop and evaluate potential ways to clean up contamination related to the site. Another possibility is that the information collected during the RI may support the conclusion that no action, or no further action, is needed to address site-related contamination.

NYSDEC then develops a draft cleanup plan, called a “Proposed Remedial Action Plan.” This plan describes the remedy preferred by NYSDEC and NYSDOH, or a no action or no further action alternative. The draft cleanup plan summarizes the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan is to ensure the protection of public health and the environment. NYSDEC will present the draft cleanup plan to the public for its review and comment during a 30-day comment period and at a public meeting.

FOR MORE INFORMATION

Where to Find Information

Public understanding and input are important to the success of this project. As the project progresses, the State will distribute fact sheets, like this one, to keep you informed. Public meetings may be scheduled as needed. Project documents are available at the following location(s) to help the public stay informed. These documents include the *Work Plan for Site Characterization* (November 2007), *Site Investigation Report* (August 2008) and *Summary Report for Soil Vapor Intrusion Investigation* (August 2009).

New York State Department of
Environmental Conservation
615 Erie Boulevard West
Syracuse, New York
Phone: 315.426.7400
Mon to Fri – 8:30 a.m. to 4:45 p.m.

The Northern Onondaga Public Library
5437 Library St. Brewerton, NY 13029
Phone: 315-676-7484
Monday-Thursday 10 AM—8 PM
Friday 10 AM—5 PM
Saturday 10 AM—3 PM

Who to Contact

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

Project Related Questions

Claudia J. Boutot, Project Manager
New York State Department of
Environmental Conservation
615 Erie Boulevard West
Syracuse, New York
Phone: 315.426.7551
Call for an appointment

Project Related Health Questions

Mark Sergott, Project Manager
New York State Department of Health
Bureau of Environmental Exposure Investigation
547 River Street
Troy, NY 12180-2216
(518) 402-7860 or (800) 458-1158

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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.



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Soil Vapor Intrusion Investigation
Brewerton, New York**

