



FACT SHEET

State Superfund Program

Camarota Cleaners
546044
City of Mechanicville, NY

February 2010

No Further Action with Site Management Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the Camarota Cleaners State Superfund site ("site"). The site is located at 325 Park Avenue in the City of Mechanicville, Saratoga County. See map on page 4 for site location.

The Proposed Remedy

The remedy proposed for the site includes no further action with site management.

Public Meeting
March 4, 2009
7 pm
Mechanicville Senior Center
178 North Main Street
City of Mechanicville, New York

NYSDEC invites you to a public meeting to discuss the no further action with site management 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 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". The document also is available on the NYSDEC web site at www.dec.ny.gov/chemical/37562.html.

How to Comment

NYSDEC is accepting written comments about the proposed remedy for 30 days, from February 17 through March 19, 2009.

Submit written comments to:

Mr. Brian Jankauskas, P.E.
New York State Department of Environmental Conservation
625 Broadway, 11th Floor, Albany, NY 12233-7015
bfjankau@gw.dec.state.ny.us

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 by such parties before committing State funds.

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

Public Health Assessment

Exposure to contaminated groundwater is not expected because the area is served by public water. Adjacent off-site residential structures have been evaluated for soil vapor intrusion and are not affected. A mitigation system has reduced the potential for soil vapor intrusion to impact the indoor air of the on-site building.

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 site contamination. The draft cleanup plan has several goals:

- identify cleanup levels to be achieved
- summarize other alternatives considered
- explain why NYSDEC and NYSDOH believe the proposed remedy will protect public health and the environment
- provide a detailed description of the proposed remedy.

The proposed remedy was chosen following a detailed investigation of the site and evaluation of alternatives to address contamination, called a “Remedial Investigation/Feasibility Study”.

Site contaminants are chemicals utilized during past dry cleaning operations. The primary contaminants are tetrachloroethene (PCE) and the associated degradation products, identified as trichloroethene (TCE), dichloroethene (DCE), and vinyl chloride (VC). These contaminants were detected above ambient groundwater quality standards at the site and found to extend towards First Avenue. These chemicals are referred to as volatiles, that is, they readily evaporate into the air. Air sampling determined that PCE was detected above soil vapor intrusion guidance values at the site. In 2007, the property owner conducted initial actions at the site to protect public health by installing a sub-slab depressurization system and to reduce contaminant concentrations by planting 27 hybrid poplar trees.

The feasibility study compared two remedial alternatives that were determined to protect public health and the environment. The alternatives evaluated were no further action with site management and in-situ enhanced bioremediation or augmentation, which would encourage the microbial degradation of site contaminants.

No Further Action with Site Management alternative includes:

1. Engineering controls, which require the continued operation and maintenance of the on-site sub-slab depressurization system to prevent soil vapors from migrating into the building;
2. Approximately 10 years of on-site and off-site groundwater sampling to ensure that contaminant concentrations continue to decline toward the groundwater quality standard; and
3. Institutional controls that restrict groundwater use.

In-Situ Enhanced Bioremediation or Augmentation alternative includes:

1. Engineering controls, which require the continued operation and maintenance of the on-site sub-slab depressurization system to prevent soil vapors from migrating into the building;
2. Approximately 4 years of on-site and off-site groundwater sampling to ensure that contaminant concentrations continue to decline toward the groundwater quality standard;

3. Institutional controls that restrict groundwater use;
4. Bench scale testing to determine the appropriate nutrients to encourage the natural degradation process; and
5. Injection of the selected nutrients into the groundwater.

Based on the comparison evaluation, no further action with site management is the proposed remedy as it requires less funding than in-situ enhanced bioremediation or augmentation alternative and will meet the objectives within an acceptable timeframe. The estimated present worth cost to implement the proposed remedy is \$75,000.

Next Steps

NYSDEC will consider public comments as it finalizes the remedy selection 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” below).

The sub-slab depressurization system will continue to operate at the site and groundwater will be monitored periodically.

NYSDEC will keep the public informed during the cleanup of the site.

Background

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 site covers 0.11 acres in a primarily residential area. From 1970s to 1991, tetrachloroethene (PCE or perc) was used during dry cleaning operations performed on the premises. Site investigations were conducted in two phases. The initial investigations were conducted between 1991 when contamination was first detected and 1999. No action was required based on clean-up criteria in effect at that time. After release of the draft New York State Guidance for Evaluating Soil Vapor Intrusion in February 2005, the State conducted a subsequent investigation in March 2006, which lead to the listing of the site in January 2007. In the spring of 2007, the property owner conducted two actions, planting of hybrid poplar trees and installation of a sub-slab depressurization system. From March 2008 to April 2009, a remedial investigation was conducted by the State.

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”.

Mechanicville District Public Library
190 North Main Street
Mechanicville, NY 12118
518-664-4646
Hours: M & W 11 am to 8 pm
Tu, Th, F 11 am to 6 pm
S 11 am to 3 pm

New York State Department of
Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7015
518-402-9620
Hours: M – F 9 am to 4 pm

Who to Contact

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

Project Related Questions

Mr. Brian Jankauskas, P.E.
New York State Department of
Environmental Conservation
625 Broadway, 11th Floor
Albany, NY 12233-7015
518-402-9620
bfjankau@gw.dec.state.ny.us

Site-Related Health Questions

Ms. Scarlett Messier
New York State Department of Health
547 River Street, Room 300
Troy, NY 12180-2216
800-458-1158 x27860
sem10@health.state.ny.us

If you know someone who would like to be added to the site contact list, have them contact the NYS DEC project manager above.

