



Department of
Environmental
Conservation

Where to Find Information:

Project documents are available at the following location to help the public stay informed.

Hillside Library

155 Lakeville Road
New Hyde Park, NY 11040
(516) 355-7850

Who to Contact:

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

Project-Related Questions

Brian Jankauskas, Project Manager
NYSDEC

625 Broadway, 12th Floor
Albany, NY 12233-7015
(518) 402-9626

brian.jankauskas@dec.ny.gov

Site Related Health Questions

Mark Sergott, P.G.
NYSDOH

Empire State Plaza
Corning Tower, Room 1787
Albany, NY 12237
(518) 402-7860
beei@health.ny.gov

For more information about New York's State Superfund Program, visit:

www.dec.ny.gov/chemical/8439.html

FACT SHEET

State Superfund Program

Zoe Chemical Co.

1801 Falmouth Avenue
New Hyde Park, NY

SITE No. 130211

NYSDEC REGION 1

August 2018

Investigation to Begin at State Superfund Site

Seaboard Estates, Inc. ("remedial party") will soon begin a detailed environmental study at the Zoe Chemical Co. site ("site") located at 1801 Falmouth Avenue, New Hyde Park, New York. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified to the left under "Where to Find Information."

Investigation Work Plan: The investigation work plan, called a "Remedial Investigation Work Plan," was submitted to NYSDEC under New York's State Superfund Program. 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. NYSDEC and the New York State Department of Health (NYSDOH) will oversee the investigation.

Highlights of the Site Investigation: The investigation will define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected.

Past investigations in the area have determined that contamination exists at the site. Contamination in on-site soils has been detected above the commercial use soil cleanup objective for one chlorinated volatile organic compound (1,1,1-trichloroethane, which is also known as TCA), two pesticides (aldrin and dieldrin), and three metals (cadmium, copper, and mercury) from historical operations at the site. Elevated chlorinated volatile organic compounds (TCA was the primary contaminant detected) were detected in on-site soil vapor. Groundwater on-site was also evaluated and chlorinated volatile organic compounds (TCA and associated breakdown products of TCA were the primary contaminants) were detected. TCA has been used as a household spot remover, an industrial degreasing agent, and an industrial solvent. Site operations by Zoe Chemical consisted of blending and packaging cleaning products. Some of these products likely included TCA, which was stored on-site.

Key components of the investigation work include:

- Installing and sampling soil borings to define the extent of on-site soil contamination;
- Collecting off-site soil vapor, sub-slab soil vapor and indoor air samples; and
- Sampling on-site and off-site groundwater to evaluate impacts from areas of concern.

STATE SUPERFUND PROGRAM

Interim Remedial Measures (IRM): An IRM is a discrete set of planned actions for both emergency and non-emergency situations that can be conducted without the extensive investigation and evaluation of a Remedial Investigation & Feasibility Study.

Two IRMs have been performed to address contamination at the site. The first IRM was performed in February 2015, which included the excavation of the former on-site sanitary system and contaminated soils beneath the system. Approximately 326 tons of material were removed as part of this IRM. The second IRM was activated in September 2016, which pertains to the installation and operation of a soil vapor extraction system to remove volatile organic compounds (VOCs) from the subsurface soils. The system removes air and VOCs located within the soil. The extracted air is treated as necessary prior to being discharged to the atmosphere. The system is still operational.

Next Steps: The information collected during the investigation will be summarized in a report. After the site investigation, the remedial party with oversight provided by NYSDEC, will conduct a "Feasibility Study." This study uses information developed during the investigation to develop and evaluate potential ways to clean up contamination related to the site. The information collected during the investigation may also support the conclusion that no action, or no further action, is needed to address site-related contamination. NYSDEC will then develop a draft cleanup plan, called a "Proposed Remedial Action Plan." This plan describes the remedy preferred by NYSDEC.

The draft cleanup plan explains 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 will be to ensure the protection of public health and the environment. NYSDEC will announce the draft cleanup plan in a future fact sheet, and will present it to the public for its review and comment during a 30-day comment period and at a public meeting.

Site Description: The site is two acres and is bounded by Falmouth Avenue to the south, and Gould Street to the west. A production well field for the Water Authority of Western Nassau County is to the north as are athletic fields for the Memorial High School, which is located 500 feet to the west. Since 2011, sampling of the production well field, which currently has treatment to remove contaminants, has not detected the site's primary contaminants, TCA and its associated breakdown products. This additional investigatory

work will further evaluate site contamination migration from the site and potential receptors, including the production well field. A recharge basin is located approximately 50 feet west of the site. The site is currently developed with a one-story masonry structure that is presently used by a building supply company. Previously, the site had been used by Zoe Chemical Co. and CDC Products Corp., which handled various chemicals as part of their operations.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, 130211) within Search Method #1 at:

<http://www.dec.ny.gov/cfm/x/EXTAPPS/DEREXTERNAL/index.cfm?pageid=3>

State Superfund Program Overview: 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/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit:

<http://www.dec.ny.gov/chemical/8439.html>

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.

Receive Site Fact Sheets by Email

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 at:

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.

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

STATE SUPERFUND PROGRAM

