



FACT SHEET State Superfund Program

Receive Site Fact Sheets by Email. See "For More Information" to Learn How.

Site Name: Beau Brummel Cleaners
DEC Site #: 152211
Address: 2049 Jericho Turnpike
Commack, NY 11725

Have questions? See "Who to Contact" Below

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

Public Meeting, Monday, 2/22/2016 at 7:00 P.M.
Commack Branch of Smithtown Library, 3 Indian Head Road, Commack, NY 11725
NYSDEC invites you to a public meeting to discuss the no further action 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 public is invited to comment on a no further action remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Beau Brummel Cleaners site ("site") located at 2049 Jericho Turnpike, Commack, Suffolk County. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from February 8, 2016 through March 9, 2016. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

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.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

- 1. Soil Vapor Extraction (SVE) System
Continued operation of the SVE system as described in the Interim Remedial Measure.
2. Site Cover
A cover system that consists of an asphalt cap and existing building.

3. A Site Management Plan that includes:
 - a. Institutional/Engineering Control Plan that identifies all use restrictions and engineering controls for the site;
 - b. Periodic sampling and evaluation of the on-site and off-site groundwater;
 - c. Evaluation of the sub-slab vapor, indoor air, and outdoor air of the surrounding buildings;and
 - d. Environmental Easement.

Summary of the Investigation

Soil, groundwater, sub-slab vapor and indoor air were collected at the Beau Brummel Cleaners Site as part of the Remedial Investigation, conducted between 2014 and 2015. Based upon this investigation and previous investigations, the primary contaminants of concern (COCs) are tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethene (DCE).

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State Superfund Program.

Institutional and Engineering Controls

Institutional controls and engineering controls generally are designed to reduce or eliminate exposure to contaminants of concern. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

The following institutional controls have been or will be put in place on the site:

- Institutional Control/Engineering Control Plan
- Environmental Easement
- Site Management Plan

The following engineering controls have been or will be put in place on the site:

- Soil Vapor Extraction
- Cover System

Next Steps

NYSDEC will consider public comments as it finalizes the no further action remedy 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. NYSDEC would then reclassify or delist the site from the Registry of Inactive Hazardous Waste Disposal Sites.

Background

Location: The Beau Brummel Cleaners is located in a mixed commercial and residential area at 2049 Jericho Turnpike, Commack in Suffolk County.

Site Features: The property, on 0.25 acres, is mostly covered by a single building with the

remaining area covered by asphalt.

Current Zoning/Use(s): The site is an active drycleaners, zoned for commercial use. The surrounding parcels primarily consist of commercial businesses, with the exception of a church with a daycare immediately to the north.

Past Use of the Site: Historical operations dating back to 1971 at the dry cleaner appear to have affected the area by discharging tetrachloroethylene (PCE), a dry cleaning chemical, on-site.

Prior to the Remedial Investigation:

In April 1998, a routine sanitary system sampling event was conducted by the Suffolk County Department of Health Services (SCDHS) on-site. The results of sludge and liquid samples from the septic tank and overflow pool collected on-site revealed elevated readings of PCE.

In October 1998, the facility's sanitary system was remediated to SCDHS requirements.

In December 2004, groundwater samples were collected at a service station 300 ft downgradient of the site and revealed elevated levels of PCE in property monitoring wells.

In March 2005, during a facility inspection by SCDHS and the Department, it was noted that the processing water that was being treated and then evaporated via a misting spray unit, was leaking onto the back parking lot area. Soil samples were collected under the vacuum exhaust and under the mister. Results indicated the soil exhibited elevated levels of PCE.

In 2009, a Site Characterization Investigation was conducted which found elevated levels of PCE in groundwater, soil, and soil vapor. Outdoor air near the daycare was found to be above guidance values and actions were taken to remedy the situation.

Site Geology and Hydrogeology: Groundwater is approximately 98 ft below ground surface and flows to the east. The Suffolk County Water Authority's (SCWA) Blue Spruce well field (S-36791) is located approximately 1,070 feet down gradient of the dry cleaner.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=152211>

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/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>

FOR MORE INFORMATION

Where to Find Information

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

Commack Public Library
Attn: Suzanne McGuire
18 Hauppauge Road
Commack, NY 11725-4498
phone: (631) 499-0888

Who to Contact

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

Project Related Questions

Melissa Sweet
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
(518) 402-9620
melissa.sweet@dec.ny.gov

Site-Related Health Questions

Steve Karpinski
New York State Department of Health
Empire State Plaza Corning Tower 1787
Albany, NY 12237
(518) 402-7860
BEEI@health.ny.gov

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 available at the following web page: <http://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.

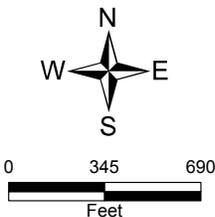
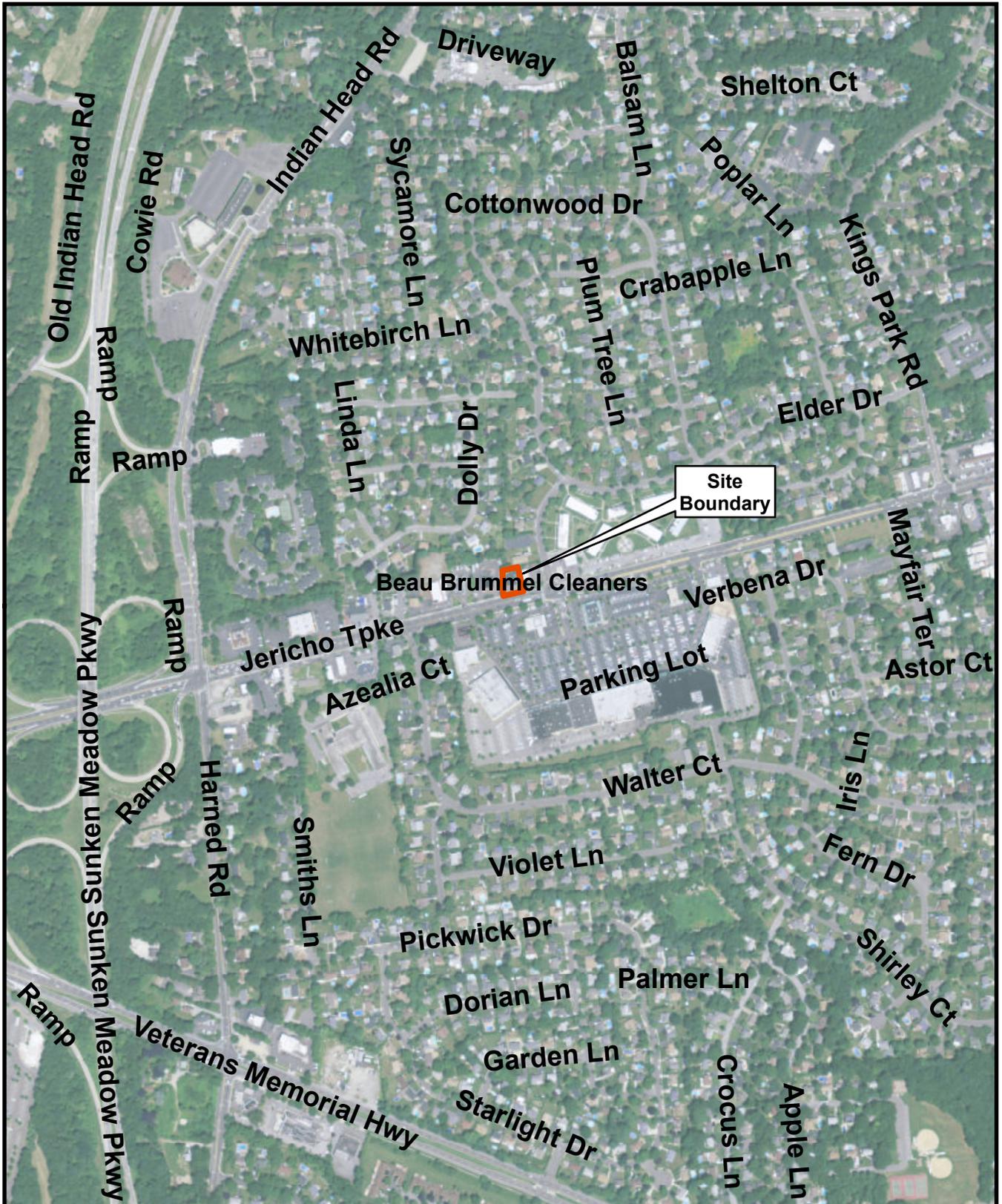


Figure 1
 Site Map
 Beau Brummel Cleaners
 Town of Smithtown, Suffolk County
 Site No. 152211

