



Department of  
Environmental  
Conservation

# FACT SHEET

Brownfield Cleanup Program

BH Aircraft Site

441 Eastern Parkway  
East Farmingdale, NY 11735

SITE No. C152247

NYSDEC REGION 1

April 2019

## Remedy Proposed to Address Brownfield Site Contamination; Public Comment Period Announced

### Where to Find Information:

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

#### **Farmingdale Public Library**

116 Merritts Rd  
Farmingdale, NY 11735  
(516) 249-9090

### Who to Contact:

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

#### **Project-Related Questions**

Richard Mustico, Project Manager  
NYSDEC  
625 Broadway,  
Albany, NY 12233-7017  
(518) 402-9647  
[richard.mustico1@dec.ny.gov](mailto:richard.mustico1@dec.ny.gov)

#### **Project-Related Health Questions**

Stephanie Selmer  
NYSDOH  
Corning Tower, Room 1787  
Albany, NY 12237  
(518) 402-7860  
[beej@health.ny.gov](mailto:beej@health.ny.gov)

**For more information about New York's  
Brownfield Cleanup Program, visit:**

[www.dec.ny.gov/chemical/8450.html](http://www.dec.ny.gov/chemical/8450.html)

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC), in consultation with the New York State Department of Health (NYSDOH), to address contamination related to the BH Aircraft site ("site") located at 441 Eastern Parkway, East Farmingdale, 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 to the left under "Where to Find Information."

Based on the findings of the investigation, NYSDEC in consultation with the New York State Department of Health (NYSDOH) has determined that the site poses a significant threat to public health or the environment. This decision is based on the potential for human exposure to site-related contaminants via soil vapor intrusion.

**How to Comment:** NYSDEC is accepting written comments about the proposed plan for 45 days, from **April 17** through **May 31, 2019**. The proposed plan is available for public review at the location(s) identified at left under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area at left.

**Draft Remedial Work Plan:** The proposed remedy builds on previously completed interim remedial measures (discussed below) and consists of:

- Installation of a full-scale soil vapor extraction (SVE) system in the southwestern corner of the site to remediate volatile organic compound (VOC) contamination identified during the investigation, and to prevent off-site migration of soil vapors;
- Natural attenuation of contaminants in groundwater, with a contingency for enhanced bioremediation, if natural attenuation alone does not adequately degrade contamination. Enhanced bioremediation involves the addition of nutrients to stimulate the activity of naturally-occurring soil bacteria to degrade contaminants;
- Monitoring of indoor air to confirm that VOCs are not affecting indoor air;
- Installation of a site-wide cover system to allow for commercial use of the site. The cover system will consist of a minimum of one foot of clean soil with a demarcation barrier, with the upper six inches of sufficient quality to maintain vegetation or concrete building foundations or other impervious surface;
- Implementation of a Health and Safety Plan and Community Air Monitoring Plan during all ground intrusive activities;

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- Implementation of a Site Management Plan (SMP) for proper management of remaining contamination and protection of public health and the environment; and
- Recording of an Environmental Easement to ensure proper future site use and ensure proper implementation of the SMP.

The proposed remedy was developed by 441 Eastern Parkway, LLC (“volunteer(s)”) after performing a detailed investigation of the site under New York's Brownfield Cleanup Program (BCP). A “Remedial Investigation Report”, which describes the results of the site investigation was submitted concurrently with the Remedial Action Work Plan and is also available for review at the locations identified on Page 1.

**Next Steps:** NYSDEC will consider public comments, revise the cleanup plan as necessary, and issue a final Decision Document. NYSDOH must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The applicant(s) may then design and perform the cleanup action to address the site contamination, with oversight by NYSDEC and NYSDOH.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

**Site Description:** The site is roughly 3.5 acres and is in an industrially-zoned district. The site is located at 441 Eastern Parkway, Farmingdale, in the Town of Babylon, and is immediately south of a Long Island Railroad right of way. The property currently contains one building. An aircraft parts manufacturing company occupied the site from 1964 to approximately 2000. The site is currently unoccupied.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, C152247) at:

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

**Summary of the Investigation:** The primary contaminants of concern at the site are the industrial solvents tetrachloroethene (PCE), trichloroethene (TCE), and 1,1,1-trichloroethane (1,1,1-TCA). These compounds were detected in soil above protection of groundwater soil cleanup objectives and are present primarily around the former paint shop in the

southwest portion of the site. PCE, TCE, and 1,1,1-TCA were detected in soil vapor on-site at levels that have the potential to affect the indoor air quality of nearby buildings.

Interim remedial measures were conducted in November and December of 2017. These activities included locating on-site leaching pool/drywells, evaluating them to determine if they were properly closed, testing any remaining contents, and properly closing them. Soils above unrestricted soil cleanup objectives (USCOs) were removed from the drywells and properly disposed off-site. Once post-excavation results exhibited no exceedances of USCOs, the leaching pool/drywell system was filled with clean imported fill.

**Brownfield Cleanup Program:** New York's Brownfield Cleanup Program (BCP) encourages the voluntary cleanup of contaminated properties known as "brownfields" so that they can be reused and redeveloped. These uses may include recreation, housing, business or other uses. A brownfield site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

For more information about the BCP, visit:

<http://www.dec.ny.gov/chemical/8450.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

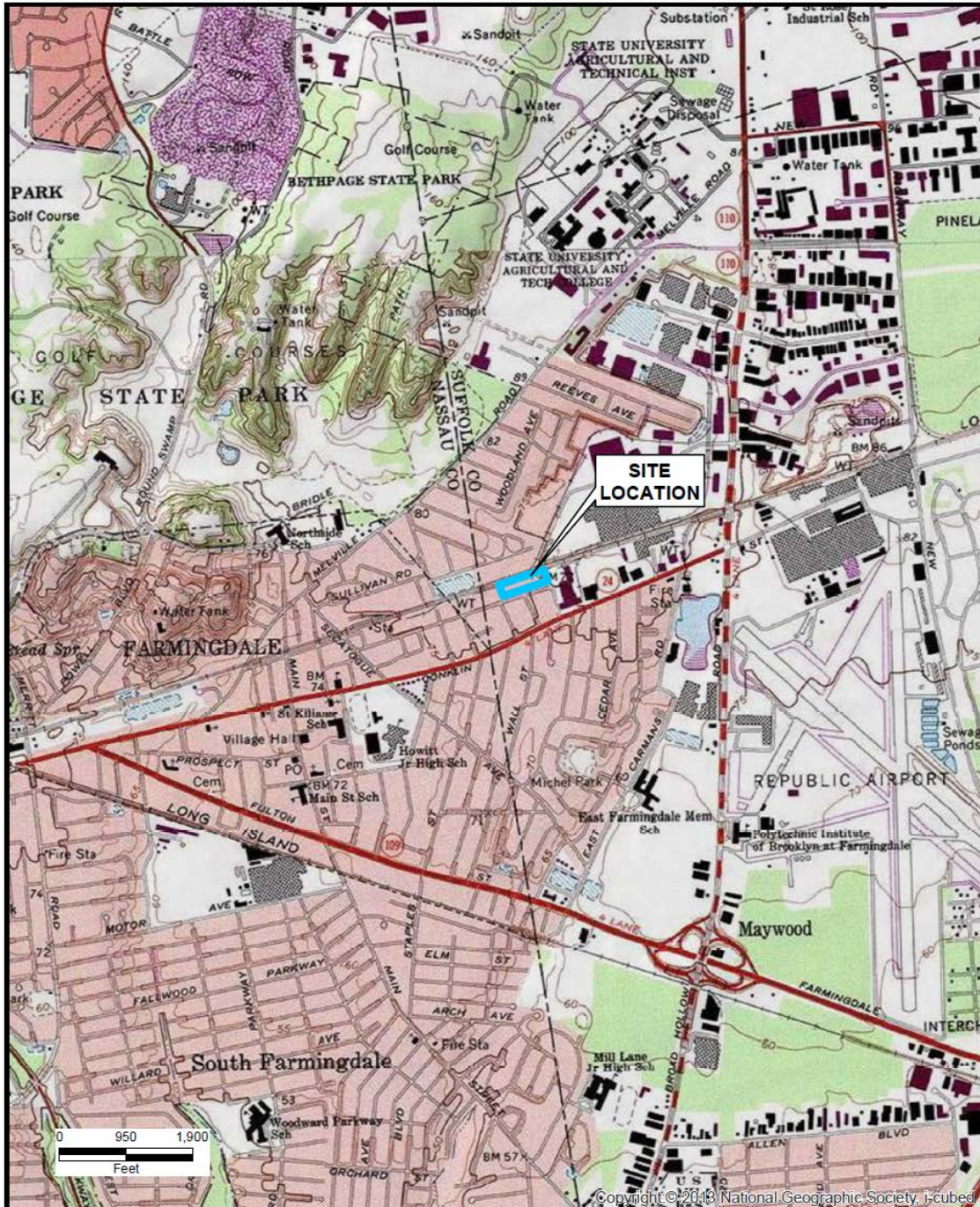
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:

[www.dec.ny.gov/chemical/61092.html](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.

# BROWNFIELD CLEANUP PROGRAM

Site Location Map

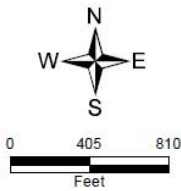


	<p><b>Figure 1</b> Site Location Map BH Aircraft Site Town of Babylon, Suffolk County Site No. C152247</p>	<p><b>NEW YORK</b> STATE OF OPPORTUNITY</p> <p><b>Department of Environmental Conservation</b></p>
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Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community



**Site Map**  
BH Aircraft Site  
441 Eastern Parkway  
Town of Babylon, Suffolk  
Site No. C152247

