



FACT SHEET

State Superfund Program

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

Site Name: Brandt Airflex
DEC Site #: 152183
Address: 937 & 965 Conklin Street
East Farmingdale, NY 11735

Have questions?
See
"Who to Contact"
Below

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Wednesday, 3/18/2015 at 6:30 PM

Farmingdale Public Library, 116 Merritts Road, Farmingdale, NY 11735

NYSDEC invites you to a public meeting to discuss the 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 remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Brandt Airflex site ("site") located at 937 & 965 Conklin Street, 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 below under "Where to Find Information."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 26, 2015** through **March 28, 2015**. 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:

Groundwater contamination at the site will be treated using In-situ Chemical Oxidation (ISCO). ISCO entails the destruction of VOC groundwater contamination by subsurface injection of specifically selected oxidation chemicals.

Soil vapor contamination will be remediated with a soil vapor extraction (SVE) system. The SVE has a large motor which vacuums VOC vapors from the subsurface and sub-slab soil,

preventing them from accumulating under and entering nearby buildings.

Summary of the Investigation

Based on the State-funded Remedial Investigation (RI) conducted from January 2011 through February 2015, the primary environmental issues identified at the site are significant groundwater contamination and soil vapor contamination from chlorinated volatile organic compounds (CVOC). The soil vapor contamination poses a threat from soil vapor intrusion into both onsite buildings and two neighboring off-site commercial buildings. A source of the contamination is drywell DW-11, in back of the building at 937 Conklin Street. High levels of CVOC were detected in sub-slab vapors leading the Department to conclude that an additional source of CVOC soil contamination is present under the on-site buildings. The buildings are actively occupied, preventing an investigation of the soils below the building slabs.

Minor semi-volatile organic compound (SVOC), volatile organic compound (VOC), metals and PCB soil contamination was observed in three on-site drywells. A small surface pile of discarded garnet grit from a metal wet polishing process was found to have minor metals contamination.

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.

Next Steps

NYSDEC will consider public comments as it finalizes the 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. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

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

Background

Location: The Brandt Airflex Site is located in a mixed-use area within a suburban portion of Suffolk County. The 2.07-acre site is located on the north side of Conklin Street, west of Broad Hollow Road in East Farmingdale, within the Town of Babylon. The site consists of the two tax parcels; one at 937 Conklin Street (approximately 1.5 acres), and the other at 965 Conklin Street (approximately 0.6 acres), each with one single-story industrial building. The closest surface water body is a former recharge basin (since filled) located approximately 550 feet southeast of the site, listed as a Class 2 Inactive Hazardous Waste Site (Fairchild Republic Old Sump Site No 152004).

Current Zoning/Use: The building at 937 Conklin Street is a 30,000 square feet masonry building that is used for light manufacturing (design and production of architectural and ornamental metal workings). The majority of the products are decorative metals such as brass, aluminum, and stainless steel which do not require chemical coatings or treatment. Finishing, if required, is performed off-site by subcontractors. The building at 965 Conklin Street (approximately 10,300 square feet) is used for packaging and storage of finished ornamental metal products prior to shipping. Both site parcels are zoned Industry (Light). The surrounding properties are used for a combination of commercial, light industrial, and residential. Vacant land, the East Farmingdale

Fire Department, and residential properties are to the South. To the east is Suffolk Truck Wash and storage yard. A mix of commercial and light industrial tenants occupy the properties to the north and west.

Site Features: The site lies at an elevation of approximately 72 to 79 feet above mean sea level. The site and surrounding area are relatively flat. A fence exists along the east, southeast, north and northwest property lines of both properties separating the site from the neighboring properties. The site is covered with the two buildings or paved, with the exception of two small landscaped areas south of both buildings. The property is sloped to drain storm water runoff via overland flow to eleven on-site drywells. Four drywells are located north of Building 937 and three north of Building 965. The remaining four drywells are located south and east of the buildings.

Site History: Historic land use information indicates that the site was at one time part of a larger track of land under single ownership and utilized for textile related operations by the Independent Silk Dyeing Company, Inc., later the Independent Textile Dyeing Company, Inc., which conducted silk and textile screening operations at the site from 1914 until 1958. Textile screening and dyeing operations ceased at that time. In 1972, this larger track of land was subdivided (into a northern parcel and a southern parcel) and sold.

The southern parcel later became the Brandt Airflex facility. In 1976, Brandt Airflex Corp. began leasing 937 Conklin Street and in 1980 it also began leasing 965 Conklin Street from Brent Associates. In 1984, Brent Associates sold the entire site to Conklin Street Associates, a partnership formed by Frederick Fogelman, President of Brandt Airflex, with Charles Selig. Brandt Airflex Corp. and its successor and/or affiliated companies have occupied the property since 1976.

A routine inspection by the Suffolk County Department of Health Services (SCDHS) in 1993 resulted in citations for poor housekeeping of drums and pails of paint - some drums were noted to be open and overflowing into nearby drywells - and inadequate record keeping for the disposal of hazardous wastes. After sampling, SCDHS ordered that the drywells be cleaned of all liquids and sludge and be resampled to demonstrate compliance.

One drywell required additional remediation and remained severely contaminated after cleanout efforts ceased. In August 1994, high levels of tetrachloroethene (PCE) and trichloroethene (TCE) were detected in groundwater samples at the water table just downgradient of the drywell while only low levels of PCE were found in the nearby upgradient sample. Subsequent groundwater investigations documented PCE contamination ranging from 72,650 parts per billion (ppb) to 124,370 ppb throughout the water column adjacent to the drywell, and up to 3,800 ppb of PCE in the groundwater at the downgradient site boundary.

A prior Oil Spill investigation involving the removal of an underground fuel oil storage tank at the East Farmingdale Fire House documented 12,143 ppb of PCE in groundwater samples, in addition to fuel oil related contaminants. The fire house, located at 930 Conklin St. is immediately downgradient of and across the street from the Brandt Airflex site. The Brandt Airflex site was listed by the Department on the Registry of Inactive Hazardous Waste Disposal Sites (Registry) in 2001.

Site Geology/Hydrogeology: The site is underlain by the Upper Glacial and Magothy Aquifers

which are designated by the United States Environmental Protection Agency (USEPA) as sole source aquifers. Depth to groundwater ranges from 23 to 25 feet below ground surface (bgs) and flows generally to the south. Based on borings completed at the site, the subsurface geology is comprised of fine to coarse brown sand and rounded gravel to a depth of approximately 80 feet bgs. Below this is a layer of a mottled fine to medium sand with trace silt and mica. Mixed in with this layer are silt and clay lenses.

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

<http://www.dec.ny.gov/cfm/external/derexternal/haz/details.cfm?pageid=3&progno=152183>

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.

Farmingdale Public Library
116 Merritts Road
Farmingdale, NY 11735
phone: 516-249-9090

Project documents are also available on the NYSDEC website at:

<http://www.dec.ny.gov/chemical/8431.html>

Who to Contact

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

Project Related Questions

Bob Corcoran
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
518-402-9658
bob.corcoran@dec.ny.gov

Site-Related Health Questions

Steve Karpinski
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 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.

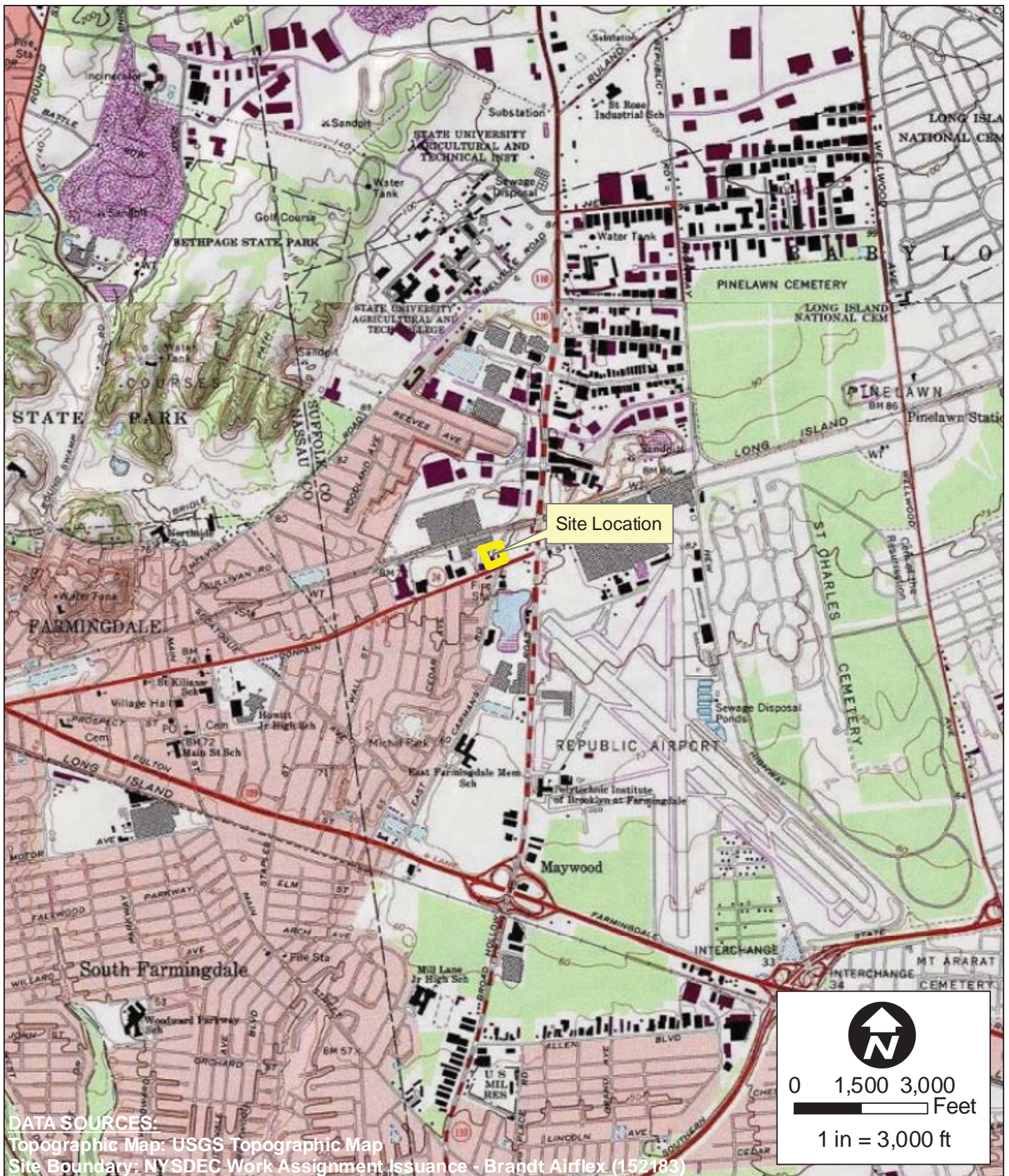
Receive Site Fact Sheets by Email

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.



Brandt Airflex (NYSDEC Site # 152183)
 937 & 965 Conklin Street
 East Farmingdale, New York

Site Location Map

DATE	October 2014
FIGURE	1