



## ***ERIE COUNTY LEGISLATURE***

92 Franklin Street - 4th Floor  
Buffalo, New York 14202

**TO:** Members of the Erie County Legislature

**FROM:** Karen M. McCarthy, Clerk

**DATE:** October 19, 2015

**SUBJECT** New York State Department of Environmental Conservation Documents Received

The following documents were submitted by the New York State Department of Environmental Conservation (NYSDEC):

Community Update on the former Dowell Facility – 3311-3313 Walden Avenue, Village of Depew.

Public written comment is being accepted from October 6 through November 19, 2015 by the NYSDEC to address contamination related to the Site III-2 Tecumseh Phase III-2 Business Park site located at 2303 Hamburg Turnpike Lackawanna NY.

Cleanup action has been completed to address contamination related to the Site III-1 Tecumseh Phase III Business Park site located at 2303 Hamburg turnpike, Lackawanna NY.

Public written comment on no further action remedy for the former Scott Aviation Facility at 225 Erie Street, Lancaster is being accepted from October 13 through November 26, 2015.

Thank you.



FACT SHEET Voluntary Cleanup Program

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

Site Name: Former Dowell Facility
DEC Site #: V00410
Address: 3311-3313 Walden Ave.; Depew, NY
Website: http://www.dec.ny.gov/chemical/103580.html

Have questions? See "Whom to Contact" Below

Former Dowell Facility: Community Update

Highlights of Completed Activities

In 2004, a Remedial Action was performed by the Volunteers. The remedial action included building/structure demolition, asbestos-containing material abatement, contaminated soil excavation/disposal, monitoring well removal/installation, and site restoration.

Following completion of 2004 Remedial Action, a long-term groundwater monitoring program was implemented to monitor VOC-impacted groundwater.

A supplemental off-site groundwater investigation was completed in 2008 to determine if residential structures on the North side of Walden Avenue might be impacted by the residual groundwater contamination.

A Site Management Plan (SMP) was prepared in May 2011 for the site to identify how the residual on-site contamination would be managed.

DEC issued a Certificate of Completion on December 7, 2011, for the 2004 site remediation. Since issuance of the Certificate of Completion, the long-term monitoring program and site maintenance activities have been conducted in accordance with the SMP and DEC-approved modifications.

Highlights of Upcoming Cleanup Activities

To address the residual on-site groundwater contamination, the Volunteers have developed a Remedial Action Work Plan which includes the installation of an in situ thermal treatment (ISTT) system to remove residual VOCs still present in groundwater within a limited area of the

site. The proposed ISTT system involves the placement of multiple electrode groups in the subsurface and the application of an electrical current that generates heat, which in turn heats the surrounding soil formation that forces the contaminants to rise to the surface where the contaminants are collected in recovery wells as either vapor or liquid. The extracted waste streams (that is, vapor and liquids) are then treated at the surface through

An air stripper and/or granular activated carbon (GAC). Spent GAC (with VOCs adsorbed in the porous material) will be transported off-site for disposal at an approved facility. Treated liquid will be discharged to the local sewer in accordance with Erie County permits and regulations.

#### **Project Schedule for Upcoming Cleanup Activities**

The project schedule for the upcoming cleanup activities has been provided below. The Volunteers anticipated that the ISTT system will operate for approximately six-months. After the residual groundwater contamination has been extracted and treated, the ISTT system will be dismantled and the site will be restored to its previous condition.

- Construction of ISTT system components – projected start date, September 28, 2015
- Start-up of ISTT system – projected start date, December 28, 2015
- Operation of ISTT system – projected end date, June 30, 2016

#### **Background**

**Location:** The Former Dowell Facility is located at 3311-3313 Walden Avenue in the Village of Depew, New York. The facility resides within a mixed residential and industrial/commercial area and consists of two parcels identified on Erie County tax maps as parcels 104.09-1-14 and 104.09-1-15. The relatively flat, currently vacant property is triangular shaped, covers approximately 1.78 acres, and is fronted to the north by Walden Avenue. A 6-foot-high chain-linked fence with a locked entrance gate along Walden Avenue surrounds the site.

**Current Use:** The entire site is zoned industrial/commercial. Surrounding uses include a railroad line to the south, a manufacturing facility to the west, and a commercial lumber yard to the east. The closest residential structures are to the north across Walden Avenue. Former activities at the site included servicing industrial facilities and limited oilfield-related project. Dowell discontinued facility operations in the late 1980s and the facility was permanently closed.

**Historical Use(s):** The parcels included buildings such as office space, storage, and equipment repair garages that supported operations relating to the development and maintenance of natural gas and oil wells. Various industrial cleaning and oil-field chemicals were stored on-site and transferred into tank trucks for use at job sites.

Spillage and poor housekeeping during active facility operations may have led to release of volatile organic compounds (VOCs) including trichloroethene into the soil and shallow groundwater. The Volunteers entered the site into DEC's Voluntary Cleanup Program (VCP) on February 26, 2001, under Voluntary Cleanup Agreement (No. B9-0586-00-10).

Additional site details, including environmental and health assessment summaries, are available on DEC's website at <http://www.dec.ny.gov/cfinx/extapps/derexternal/haz/details.cfm?pageid=3&progno=V00410>.

**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.**

**Volunteer Cleanup Program:** New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

For more information about the VCP, visit: <http://www.dec.ny.gov/chemical/8442.html>

## FOR MORE INFORMATION

### Where to Find Information

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

NYS DEC Region 9 Office  
270 Michigan Avenue  
Buffalo, New York 14203  
716-851-7220  
(Call for appointment)

### Whom to Contact

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

#### Project Related Questions

David Szymanski  
NYS DEC, Division of Environmental  
Remediation  
270 Michigan Ave  
Buffalo, NY 14203  
716-851-7220  
[David.Szymanski@dec.gov.ny](mailto:David.Szymanski@dec.gov.ny)

#### Site-Related Health Questions

Matthew Forcucci  
NYS DOH  
584 Delaware Ave  
Buffalo, NY 14202  
716-847-4501  
[BEEI@health.ny.gov](mailto:BEEI@health.ny.gov)

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As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.





# FACT SHEET Brownfield Cleanup Program

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

**Site Name:** Site III-2 Tecumseh Phase III Business Park  
**DEC Site #:** C915199B  
**Address:** 2303 Hamburg Turnpike  
Lackawanna, NY 14218

Have questions?  
See  
"Who to Contact"  
Below

## Remedy Proposed for Brownfield Site Contamination; Public Comment Period Announced

The public is invited to comment on a proposed remedy being reviewed by the New York State Department of Environmental Conservation (NYSDEC) to address contamination related to the Site III-2 Tecumseh Phase III Business Park site ("site") located at 2303 Hamburg Turnpike, Lackawanna, Erie 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."

The cleanup activities will be performed and funded by Tecumseh Redevelopment Inc. (applicant) with oversight provided by NYSDEC. When NYSDEC is satisfied that cleanup requirements have been achieved, the applicant may be eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

Based on the findings of the investigation, NYSDEC, in consultation with the New York State Department of Health (NYSDOH) has determined that the site does not pose a significant threat.

### How to Comment

NYSDEC is accepting written comments about the proposed plan for 45 days, from **October 6, 2015** through **November 19, 2015**. The draft Remedial Investigation/Alternatives Analysis Report (RI/AAR) containing the proposed site remedy is available for public 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 proposed remedy consists of:

1. Placing a cover system over the entire site, consisting of structures, such as buildings, pavement and sidewalks, or one foot of soil or other approved cover.
2. Imposing an environmental easement on the property restricting reuse to commercial and industrial uses, and;
3. Implementing a Site Management Plan that will detail the management of any future excavations in areas of remaining contamination, assess the performance and effectiveness of the site cover system and details the steps necessary for the periodic review and certification of these site controls.

### *Summary of the Investigation*

Investigations have determined that elevated levels of metals, including arsenic and other metals associated with manufacturing processes typical of the steel making industry. In addition the widespread use of rail transportation, oils, greases and burning of fossil fuels has impacted site soils with semi-volatile organic carbon (SVOC) compounds, specifically carcinogenic polycyclic aromatic hydrocarbons, more commonly known as (PAHs.) Groundwater is not significantly impacted within the Site, and groundwater throughout the entire Tecumseh Business Park is restricted from use without further treatment.

### **Next Steps**

NYSDEC will consider public comments, revise the plan as necessary, and issue a final Decision Document. New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The Draft Decision Document is revised as needed to describe the selected remedy, and will be made available to the public. 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.

### **Background**

#### **Location:**

The Tecumseh Phase III-2 site (Site) is one of 10 sub-parcels comprising the Tecumseh Phase III Business Park (Phase III). Phase III is located at 2303 Hamburg Turnpike in the City of Lackawanna, New York. Situated in an industrial area, Phase III is part a larger property that once included the Bethlehem Steel Company (BSC) and is identified on the Erie County Tax maps as SBL 141.11-1-50. Phase III is located west of Route 5 and the Tecumseh Phase II Business Park, south of Gateway Metroport and east of the remaining former Bethlehem Steel Property and Lake Erie.

#### **Site Features:**

Located at the southernmost portion within Phase III, the Site is a 10.92 acre, triangular shaped, sub-parcel with no remarkable features. The mostly rectangular Phase III is approximately 5500 feet long, averages 1500 feet wide and is approximately 148.83 acres in size and is bisected by Smokes Creek. The parcel is flat, covered with slag fill. Most of the business park is vegetated with natural grasses, shrubs and poplar trees typical of a primary shrub-young forest ecosystem. Also typical are remnants of former steel manufacturing buildings and foundations. The entire BSC site is fenced with vehicle access limited to one automatic gate.

#### **Current Zoning and Land Use:**

Phase III and the Site are zoned medium industrial. Current use of the site is vacant land. Surrounding uses specific to the site include: adjacent and to the south is a metals recycling facility, to the west is vacant land that formerly was mined for slag, and to the east is a lumber transfer facility located in Phase III-1.

#### **Past Use of the Site:**

Phase III-2 was formerly a portion of BSC's steelmaking operations. Specific processes and steelmaking facilities performed on or proximate to the Site that contributed to soil impacts included:

- Slab Yards
- Scale Flume Sluiceway
- Settling Basin
- Motor Room
- Welfare Buildings

**Site Geology and Hydrology:**

The entire Phase III is mostly filled land with between two to eight feet of steel and iron-making slag as well as other fill material being used for backfill. Underlying the fill material are lacustrine silts and clays. At the site native material is encountered from about 12 to 14 feet below ground surface.

Bedrock is Middle Devonian, Levanna shale and Stafford limestone of the Hamilton Group within the Skaneateles Formation. Bedrock varies from about 24 feet deep in the southeastern corner of the site to 45 feet deep near the northern border of the site. Due to the porous nature of the slag/soil fill there is very little storm water ponding or surface runoff as most of the precipitation seeps into the highly permeable slag/soil fill. Any surface waters would either flow Smokes Creek which empties to the west into Lake Erie.

Groundwater when encountered is about 7 feet deep trending northerly and westerly toward Lake Erie.

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

<http://www.dec.ny.gov/cfmx/extapps/dereexternal/haz/details.cfm?pageid=3&progno=C915199B>

**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 include recreation, housing, business or other uses.

A brownfield is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>

**FOR MORE INFORMATION**

**Where to Find Information**

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

Lackawanna Public Library  
Attn: Jennifer Hoffman  
560 Ridge Road  
Lackawanna, NY 14218  
phone: 716-823-0630

NYS DEC  
Attn: Maurice Moore  
270 Michigan Ave.  
Buffalo, NY 14203  
phone: 716-851-7220  
([maurice.moore@dec.ny.gov](mailto:maurice.moore@dec.ny.gov))

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

Project Related Questions  
Maurice Moore  
Department of Environmental Conservation  
Division of Environmental Remediation  
270 Michigan Ave  
Buffalo, NY 14203-2915  
716-851-7220  
[maurice.moore@dec.ny.gov](mailto:maurice.moore@dec.ny.gov)

Site-Related Health Questions  
Matthew Forcucci  
New York State Department of Health  
584 Delaware Avenue  
Buffalo, NY 14202  
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Note: Please disregard if you already have signed up and received this fact sheet electronically.



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# FACT SHEET Brownfield Cleanup Program

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

**Site Name:** Site III-1 Tecumseh Phase III Business Park  
**DEC Site #:** C915199  
**Address:** 2303 Hamburg Turnpike  
Lackawanna, NY 14218

Have questions?  
See  
"Who to Contact"  
Below

## Cleanup Action Completed at Brownfield Site

Action has been completed to address the contamination related to the Site III-1 Tecumseh Phase III Business Park site ("site") located at 2303 Hamburg Turnpike, Lackawanna, Erie County under New York State's Brownfield Cleanup Program. Please see the map for the site location.

The cleanup activities were performed by Tecumseh Redevelopment Inc. ("applicant") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC). The applicant has submitted a draft Final Engineering Report for NYSDEC review which states that cleanup requirements have been or will be achieved to fully protect public health and the environment for the proposed site use.

### Highlights of the Site Cleanup:

The remedy for the Tecumseh Phase III-1 site is consistent with the intended re-use as a rail to truck lumber storage and loading facility. A one foot layer of a Department issued beneficial use determination (BUD) material has been placed over a suitable demarcation layer allowing re-use. The BUD material embodies green remediation by reusing a reclaimed material. The fill material brought to the site has met the requirements set forth in 6 NYCRR Part 375-6.7(d), allowing for commercial use of the site.

A Site Management Plan (SMP), and environmental easement (Easement), have been developed to restrict re-use to commercial use, prohibit the use of groundwater, maintain the required cover, provide for the management of future excavations, provide for the management and inspections of the site and periodically review and certify that all requirements of the Easement and the SMP are in place.

### Next Steps

When NYSDEC approves the Final Engineering Report, it will be made available to the public (see "Where to Find Information" below). NYSDEC then will issue a Certificate of Completion which will be announced in a fact sheet that is sent to the site contact list.

The applicant would be able to redevelop the site after receiving a Certificate of Completion. In addition, the applicant:

- would have no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- would be eligible for tax credits to offset the costs of performing cleanup activities and for redevelopment of the site.

A Certificate of Completion may be modified or revoked if, for example, an applicant does not comply with the terms of its Brownfield Cleanup Agreement with NYSDEC.

**Location:**

Tecumseh Phase III-1 is one of 10 sub-parcels comprising the Tecumseh Phase III Business Park (Phase III) located at 2303 Hamburg Turnpike in the City of Lackawanna, Erie County. Situated in a former industrial area, Phase III is part a larger property that once included the Bethlehem Steel Company (BSC) identified on the Erie County Tax maps as SBL 141.11-1-50. Phase III is located to the west of Route 5 and the Tecumseh Phase II Business Park, to the south of Gateway Metroport and east of the remaining Former Bethlehem Steel Property.

**Site Features:**

Located at the southernmost portion within Phase III the site is a 14.62 acre sub-parcel with no remarkable or unique features. The mostly rectangular Phase III is approximately 5,500 feet long, averages 1,500 feet wide and is approximately 148.83 acres in size. Bisected by Smokes Creek, Phase III is flat, covered with slag fill and remnants of former steel manufacturing buildings and foundations. Most of the business park is vegetated with natural grasses, shrubs and poplar trees typical of a primary shrub-young forest ecosystem. Also typical are remnants of former steel manufacturing buildings and foundations. The entire BSC property is fenced with vehicle access limited to one automatic gate.

**Current Zoning and Land Use:**

Phase III and the site are zoned medium industrial. Current use of the site is as a lumber storage and transfer operation where bulk lumber arrives by rail and is transferred to trucks for shipment to wholesale/retail operations. Surrounding uses specific to the site include: adjacent to the eastern side is a rail corridor with an ethylene rail to truck transfer station and to the south is a bulk metals recycling operation. Future use is anticipated to be a permanent transfer facility or similar operation.

**Past Use of the Site:**

Phase III-1 was formerly a portion of BSC's steelmaking operations. Specific processes and steelmaking facilities performed on or proximate to the site that contributed to soil impacts included:

- Slabyards
- Stool Straightening
- Stripper buildings
- Welding and tool supply
- Craneways

**Site Geology and Hydrology:**

The entire Phase III is mostly filled land with between two to eight feet of steel and iron-making slag as well as other fill material being used for backfill. Underlying the fill material are lacustrine silts and clays. At the site native material is encountered from about 12 to 14 feet below ground surface.

Bedrock is Middle Devonian age, Skaneateles Formation consisting of Levanna shales and Stafford limestone of the Hamilton Group. Bedrock varies from about 24 feet deep in the southeastern corner of the site to 45 feet deep near the northern border of Phase III.

Due to the porous nature of the slag/soil fill there is very little storm water retention, or surface runoff, as most of the precipitation seeps into the highly permeable slag/soil fill. Any surface runoff, flows northerly into Smokes Creek which discharges to the west into Lake Erie.

Groundwater, when encountered, is about 6 feet deep trending northerly and westerly toward Lake Erie.

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

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(maurice.moore@dec.ny.gov)

**Who to Contact**

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Maurice Moore  
Department of Environmental Conservation  
Division of Environmental Remediation  
270 Michigan Ave  
Buffalo, NY 14203-2915  
716-851-7220  
maurice.moore@dec.ny.gov

Site-Related Health Questions

Matthew Forcucci  
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584 Delaware Avenue  
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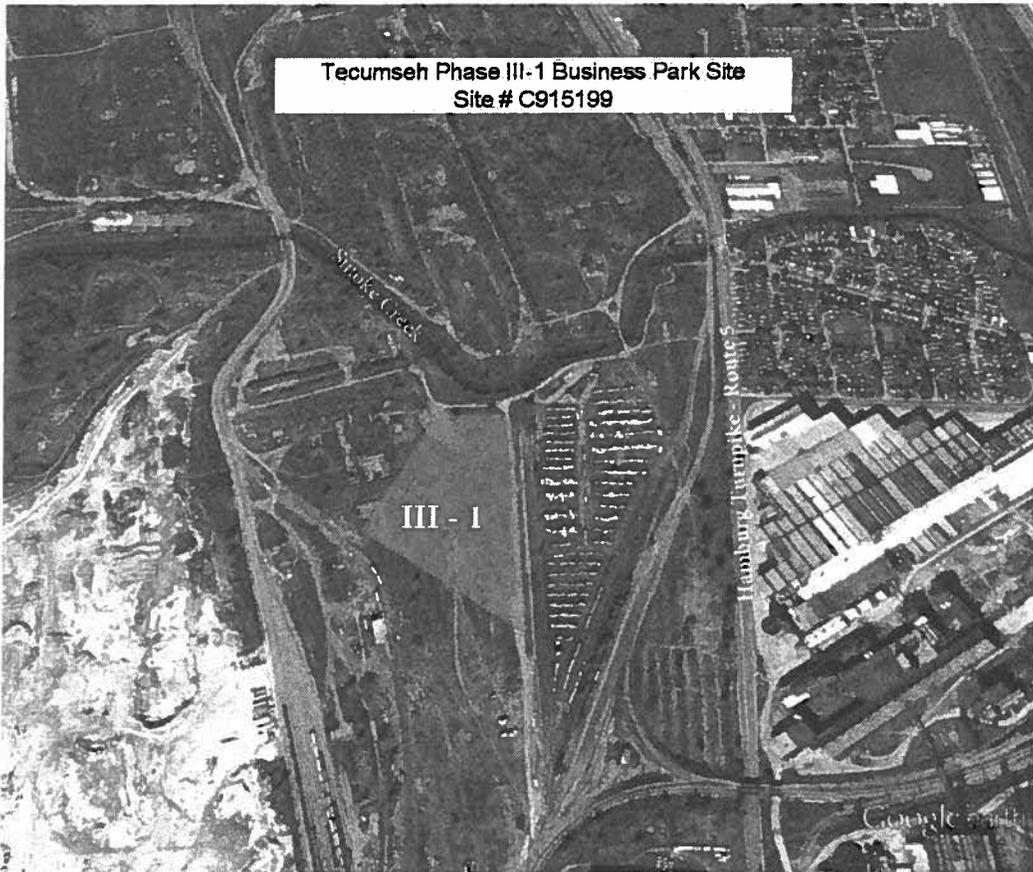
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# FACT SHEET Brownfield Cleanup Program

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

**Site Name:** Former Scott Aviation Facility (Area 1)  
**DEC Site #:** C915233  
**Address:** 225 Erie Street; Lancaster, NY 14086  
**Website:** <http://www.dec.ny.gov/chemical/62960.html>

Have questions?  
See  
"Who to Contact"  
Below

## **Report Recommends No Further Action at Brownfield Site; Public Comment Period Announced**

The public is invited to comment on a no further action remedy for the Former Scott Aviation Facility (Area 1) site ("site") located at 225 Erie Street, Lancaster, Erie County. Please see the map for the site location. Documents related to the cleanup of this site can be found at the location identified below under "Where to Find Information."

New York State Department of Environmental Conservation (DEC) is reviewing a report that recommends no further action at the site. The report, called a "Draft Alternatives Analysis Report," was submitted to DEC by Tyco International ("applicant(s)"). The report describes the results of the site investigation, and includes an evaluation of remedial alternatives for the site.

### **How to Comment**

DEC is accepting written comments on the proposed remedial plan for 45 days, from **October 13, 2015** through **November 26, 2015**. The proposed plan is available for public review at the location identified below under "Where to Find Information." Please submit comments to the DEC project manager listed under Project Related Questions in the "Who to Contact" area below.

### **No Further Action Remedy**

During the course of the Remedial Investigation (RI) at the site certain actions, known as Interim Remedial Measures (IRMs), were completed. An IRM is conducted at a site when a source of contamination or exposure pathway can be effectively addressed before completion of the RI or Alternatives Analysis (AA). Based upon the implementation of the IRMs and the evaluation of remedial alternatives in the Draft Alternatives Analysis Report, No Further Action is the proposed remedy. The IRMs completed at this site include the following:

1. Sealing joints in the on-site storm sewer to prevent groundwater infiltration into the sewer;
2. Installation of impermeable plugs around the storm sewer piping and through the bedding material into native silty clay soil to prevent contaminated groundwater from migrating off-site through the sewer bedding;

3. Excavation of soil impacted by metals (cadmium, copper, mercury and nickel) at concentrations that exceeded DEC commercial use soil cleanup objectives;
4. Excavation of soil impacted by volatile organic compounds at concentrations that exceeded DEC protection of groundwater soil cleanup objectives;
5. Off-site disposal of 227 tons of contaminated soil at the Town of Tonawanda Landfill;
6. Collection and analysis of confirmatory samples to verify that the removal actions achieved the applicable soil cleanup objectives;
7. Backfilling of the excavations to grade with clean imported soil or asphalt;
8. Sealing visible floor cracks and saw cuts of an unoccupied boiler house with concrete caulk to prevent vapor migration into the building; and
9. Injection of soluble lactic acid containing zero valent iron throughout the groundwater plume to treat chlorinated volatile organic compounds in groundwater and subsurface soil.

#### **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:

- Environmental Easement
- Site Management Plan
- Institutional Control/Engineering Control Plan
- Groundwater Use Restriction
- Land Use Restriction

No engineering controls have been or will be put in place on the site.

#### **Next Steps**

DEC will complete its review, make any necessary revisions and, if appropriate, approve the report and its no further action recommendation. The approved report will be made available to the public (see "Where to Find Information" below).

Upon approval of the report and the submission of final documents, DEC will issue a "Certificate of Completion" to the applicant. Upon receiving a Certificate of Completion, the applicant:

- Would have no liability to the State for contamination at or coming from the site, subject to certain conditions; and
- Would be eligible for tax credits to offset the costs of performing cleanup activities and for

redevelopment of the site.

The applicant(s) will be eligible to redevelop the site after receiving the Certificate of Completion from DEC.

### **Background**

**Location:** The Former Scott Aviation Area 1 Site is located on Erie Street in the Village of Lancaster, Erie County. The site is bordered by an asphalt parking lot and Erie Street to the north, the AVOX Plant 1 building to the east, the Norfolk Southern Corporation railroad to the south, and a residential property to the west.

**Site Features:** The site consists of approximately 1.7 acres on two parcels: a 1.1-acre parcel at 215 Erie Street and a 3.9-acre parcel at 225 Erie Street. The 215 Erie Street parcel is vacant but contains an asphalt parking north of the BCP site. The 225 Erie Street parcel contains AVOX Plant 1, three support buildings, a 3,000-gallon elevated steel aboveground storage tank containing liquid oxygen, a 100,000-gallon water tower for process use and fire protection, and paved roadways.

**Current Zoning and Land Use:** Active manufacturing at AVOX Plant 1 ceased in 2010, with the building currently being used for storage and a service/repair station. The 215 Erie Street parcel is zoned commercial, while the 225 Erie Street parcel is zoned light industrial manufacturing. The proposed future use of the site is commercial or industrial. The general land use of the area is commercial, light industrial and residential. The nearest residential property is located about 100 feet northwest of the BCP site.

**Past Use of the Site:** The site was formerly owned by Scott Technologies, Inc. with Plant 1 used as a manufacturing, development, testing, and distribution facility for aircraft and military supplied-air systems. The property was sold to AVOX Systems in 2004, and used for similar manufacturing until 2010.

**Remedial History:** In February 2004, a Phase I Environmental Site Assessment (ESA) was completed to evaluate the environmental status of the entire Scott Aviation property (the parcels north and south of Erie Street). This study documented an area of disturbed soil west of AVOX Plant 1.

In March 2004, seven test pits were excavated during a Phase II Environmental Site Investigation (ESI) to evaluate the extent of disturbed soil. Residual paint sludge was observed in two of the test pits. The paint sludge was approximately 150 square feet in size. Soil samples contained elevated concentrations of volatile organic compounds (VOCs).

In 2005, a removal action was completed to address the elevated VOC contamination. The excavation was approximately 14 feet by 18 feet, with depths ranging from approximately 5.5 to 6 feet below ground surface. Although soil at the base of the excavation exceeded DEC soil cleanup objectives, additional excavation was not completed as groundwater was encountered in the excavation.

In 2006 and 2007, a Preliminary Groundwater Assessment (PGA) was completed to assess the nature and extent of VOCs in groundwater west of AVOX Plant 1. Groundwater samples were contaminated with VOCs, with 18 of these compounds detected at concentrations that exceeded the DEC Class GA groundwater standards. Chlorinated solvents were the principle contaminants detected.

The site was accepted into the Brownfield Cleanup Program in August 2009.

**Site Geology and Hydrogeology:** The native soils underling the BCP site consist of interbedded silts and clays, with discontinuous and sporadic fine sand lenses (shallow overburden). A thin coarse-grained layer of weathered shale (deep overburden) is located above black shales of the underlying bedrock. Depth to bedrock ranges from 20 feet in the southern portion of the site to 26 feet in the northern portion of the site.

Shallow overburden groundwater elevations show seasonal variability, with water depths ranging from 2.46 to 7.13 feet below ground surface. Shallow groundwater flow is variable, exhibiting both west and northwest flow directions.

Deep overburden groundwater elevations also show seasonal variability, with water depths ranging from 4.11 to 6.94 feet below ground surface. Deep overburden groundwater flow is to the northwest.

Upper bedrock groundwater elevations also show seasonal variability, with water depths ranging from 6.96 to 10.28 feet below ground surface. Bedrock groundwater flow direction is unknown.

Additional site details, including environmental and health assessment summaries, are available on DEC's website at <http://www.dec.ny.gov/chemical/62960.html> and <http://www.dec.ny.gov/cfm/xtapps/dereexternal/haz/details.cfm?pageid=3&progno=C915233>.

**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** is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination.

For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>

## FOR MORE INFORMATION

### Where to Find Information

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

Lancaster Public Library  
Attn: James Stelzle, Director  
5466 Broadway  
Lancaster, NY 14086  
phone: 716-683-1120

Project documents are also available on the DEC website at:  
<http://www.dec.ny.gov/chemical/62960.html>.

**Who to Contact**

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

Project Related Questions

Glenn May  
Department of Environmental Conservation  
Division of Environmental Remediation  
270 Michigan Ave  
Buffalo, NY 14203-2915  
716-851-7220  
[glenn.may@dec.ny.gov](mailto:glenn.may@dec.ny.gov)

Site-Related Health Questions

Christopher Doroski  
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](mailto: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. DEC 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.

