



# FACT SHEET

## State Superfund Program

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

**Site Name:** Former Canada Dry Plant  
**DEC Site #:** 704050 Operable Unit 01 \*  
**Address:** 2 and 7 Badger Avenue  
Endicott, NY 13670

Have questions?  
See  
"Who to Contact"  
Below

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

**Public Meeting, Tuesday, 3/12/2013 at 6:00 PM**

**"George F. Johnson Memorial Library - 1001 Park Street, Endicott, NY 13760"**

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 Former Canada Dry Plant site ("site") located at 2 and 7 Badger Avenue, Endicott, Broome 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 **March 01, 2013** through **March 30, 2013**. 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:

The selected remedial alternative involves the installation and operation of a soil vapor extraction (SVE) system to reduce contaminant concentrations in the source area located beneath the northern half of the 2 Badger Ave. structure and the area immediately northeast of the structure. The SVE system applies a vacuum to the subsurface that causes contaminated vapors to migrate toward the extraction wells. Vapors extracted from the ground will be treated as necessary prior to discharge to the atmosphere.

*\*Operable Unit:* An administrative term used to identify a portion of a site that can be addressed by a distinct investigation and/or cleanup approach. An operable unit can receive specific investigation, and a particular remedy may be proposed.

SVE will protect human health and the environment by removing the contamination from the soil beneath the site building. Removal of contamination in the soil will reduce contamination of groundwater at and downgradient of the site.

#### *Summary of the Investigation*

A Remedial Investigation was performed in 2011. Groundwater was found to be impacted by trichloroethene (TCE). The TCE plume originates beneath the 2 Badger Ave. structure and is present to the east of the site as well. Soils beneath the site structure were found to be impacted by methylene chloride and 1,2,4-trimethylbenzene.

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 Former Canada Dry Plant site (site), located at 2 and 7 Badger Ave., lies in a mixed commercial, industrial, and residential area in the Village of Endicott, Town of Union, Broome County. The bounds of the listed site encompasses the entire 2 Badger Ave. parcel and the northwestern corner of 7 Badger Avenue.

##### Site Features:

The 2 Badger Ave. parcel contains one building currently occupied by a bottle redemption center. The portion of the 7 Badger Ave. parcel within the site boundary is paved and without structures. The surface within the bounds of the listed site is flat and covered by structure or pavement. The Norfolk-Southern Railroad bounds the site on the north side. The north end of Badger Ave. lies within the site bounds.

##### Current Zoning / Uses:

The 2 Badger Ave. property is zoned commercial and contains one structure currently being used as a bottle redemption center. A small office and redemption space occupies the southeast corner of the building with the remainder dedicated to bottle and can sorting and storage. The portion of 7 Badger Ave. lying within the site bounds, also zoned for commercial use, is paved parking, used by redemption center trucks and patrons.

##### Past Use of Site:

The 2 and 7 Badger Ave. parcels were formerly owned by the Canada Dry Bottling Company and/or its successors. Canada Dry used the structures on both the 2 and 7 Badger Ave. properties for the production and bottling of carbonated beverages. The surrounding paved areas were used for trucking and storage of pallets.

While the production of carbonated beverages would not have been the source of chlorinated solvents observed in groundwater, the maintenance of production machinery and transport vehicles in close proximity to the floor drains and drywells is most likely the contributing source of contaminants. The portion of the 7 Badger Ave. property listed on the Registry of Inactive Hazardous Waste Disposal Sites is where an air-sparge/vapor extraction system was located in the early 1990s. This system was run for approximately 18 months in the location of the dry-well at the north end of Badger Ave., suspected to be the primary contaminant source.

#### Site Geology and Hydrology:

Surficial soils encountered at the site and surrounding areas are highly similar, generally consisting of brown to black, sand and gravel with trace silt. The thickness of unsaturated soils was variable across the site and generally consisted of sand with some gravel, trace silts. During the installation of on-site wells, groundwater was encountered at depths ranging from 9.5-feet to 12-feet below grade. Based on the results of the groundwater elevation surveys over the entire monitoring well network, flow in the overburden wells is generally divided into two flow directions. North of the Norfolk Southern Rail Road tracks and west of Duane Ave. groundwater flow is to the northwest, toward the Nanticoke Creek. South of the rail road tracks, and from the subject site, groundwater flow in the overburden monitoring wells is to the northeast, east and southeast. The cause of the variability in the groundwater flow direction at the site is attributed to the NYS DOT dewatering sump located at the railroad underpass on N. Nanticoke Avenue. The natural groundwater flow direction is to the southeast; however, the New York State Department of Transportation maintains under-drains and a sump at the intersection of Nanticoke Ave. and the Norfolk-Southern rail line. This sump creates a depression in the groundwater table whose influence is present at the subject Site.

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

<http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=704050>

**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.

George F. Johnson Memorial Library  
1001 Park Street  
Endicott, NY 13760  
phone: 607-757-5350

Project documents are also available on the NYSDEC website at:  
<http://www.dec.ny.gov/chemical/37558.html>

## Who to Contact

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

### Project Related Questions

Benjamin Rung  
Department of Environmental Conservation  
Division of Environmental Remediation  
625 Broadway  
Albany, NY 12233-7017  
518-402-9826  
bwrung@gw.dec.state.ny.us

### Site-Related Health Questions

Justin Deming  
New York State Department of Health  
Corning Tower  
Albany, NY 12233  
BEEI@health.state.ny.us

**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**

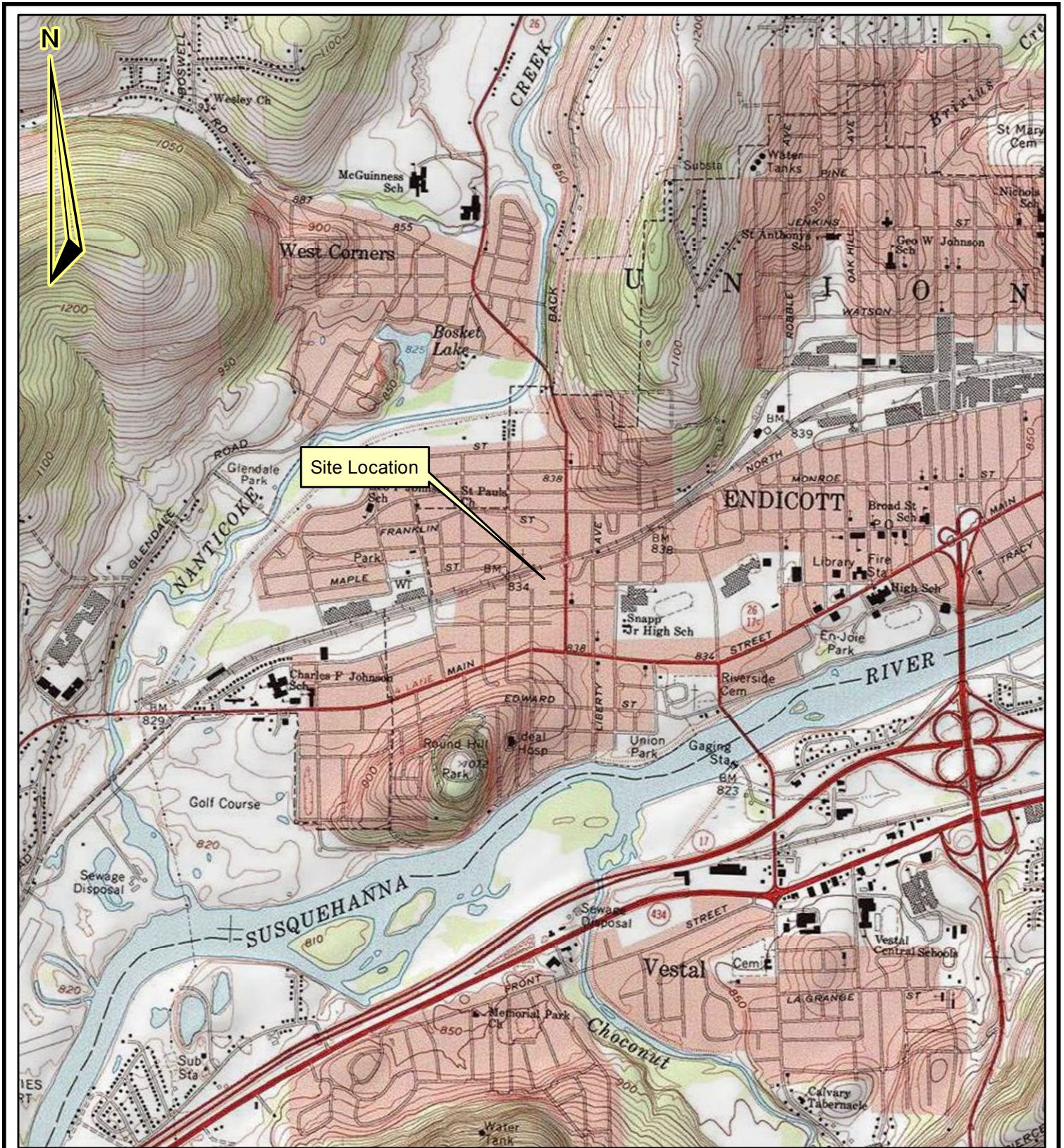
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:  
<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better 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.





USGS Quadrangle Information  
 Quad ID: 42076-A1  
 Name: Endicott, New York  
 Date Rev: 1969  
 Date Pub: 1972

1 inch = 2,000 feet

0 1,000 2,000 4,000



**Figure 1**  
**Site Location**  
**2 & 7 Badger Avenue**  
**Endicott, New York**  
**Site Number 704050**

**Scale 1" = 2,000'**

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