



FACT SHEET

Brownfield Cleanup Program

Receive site fact sheets by **email**. See "For More Information" to learn how.

Site Name: Former Randolph Foundry Site

June 2012

DEC Site #: E905030

Site Address: 2-8 Sheldon Street; Randolph, NY 14772

Former Randolph Foundry Site Update: DEC Certifies Commercial Use Cleanup Requirements Achieved!



Before Remediation: Former Randolph Foundry Site



After Remediation: Former Randolph Foundry Site

Former Randolph Foundry

By the Numbers

Brownfield

Numbers:

330 tons: amount of foundry sand and fill removed

180 tons or 6 truck loads:

amount of debris disposed or

11 trenches: # of trenches made to collect soil samples

8 samples: # of soil samples collected

New York State Department of Environmental Conservation (DEC) has determined the cleanup requirements to address contamination related to Former Randolph Foundry Site ("site") located at 2-8 Sheldon Street, Randolph, Cattaraugus County under New York State's Environmental Restoration Program have been met. Please see the map for the site location.

DEC has issued a Certificate of Completion regarding the site. A copy of the Certificate of Completion is available at the location identified below under **Where to Find Information**.

The cleanup activities were performed by Cattaraugus County with oversight provided by DEC.

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 put in place on the site:

- Ground Water Use Restriction
- Soil Management Plan
- Land-use Restriction
- Site Management Plan



During Remediation: Implementing Interim Remedial Measure (IRM) Work Plan



During Remediation: Excavating test trenches during the remedial investigation

Next Steps

DEC issued the Certificate of Completion based on review and approval of a Final Engineering Report. The Final Engineering Report includes:

- 1) A description of the cleanup activities completed;
- 2) Certification that cleanup requirements have been or will be achieved for the site;
- 3) A description of any institutional/engineering controls to be used; and
- 4) A certification that a site management plan for any engineering controls used at the site has been approved by DEC.

A Certificate of Completion may be modified or revoked if, for example, there is a failure to comply with the terms of the order or agreement with DEC.

Background

Location:

The Randolph Foundry Site is located at 2-8 Sheldon Street in the Village of Randolph, Cattaraugus Co. at the northwest corner of Sheldon and Washington Streets. The site directly abuts residential properties to the west and north, Sheldon St. to the south, and an active rail line to the east.

Site Features:

The site is situated in a mixed residential/commercial/light industrial area on a triangle shaped lot approximately 179 feet by 229 feet. The lot gently slopes to the northeast where it levels off mid-way through the parcel. The site contained a former foundry and machine shop operation situated in a dilapidated complex of concrete block/steel structures. The ERP site consists of two parcels, the former foundry parcel approximately 0.52 acres in area and an encroachment onto a 0.39 acre section of an adjoining railroad right-of-way (ROW) owned by the Southern Tier Extension Railroad Authority (STERA). The site is situated in the Conewango Creek drainage shed where the creek is located approximately 1800 feet east of the site. A lowland/wetland area and pond are also located east of the site between 800 and 1300 feet in distance. Battle Creek, a tributary to Conewango Creek, is located approximately 950 feet west of the site.

Zoning/Land Use:

The property zoning for the former foundry parcel was changed from Village Residential to Commercial in 2010. There is no current zoning classification for the STERA railroad right-of-way.

Historic Uses:

Historic maps indicate that a foundry and machine shop was located on the property as early as 1902. Local records indicate the last business that occupied the site went out-of-business around 1986. The property and facilities were subsequently abandoned. The site was unsecured and vacant for nearly two decades. Cattaraugus Co. acquired the property in a property tax foreclosure in 2005.

Site Geology and Hydrogeology:

The post IRM SI areal extent and depth of the remaining foundry sand fill is limited to the north-northeast section of the actual foundry parcel and covers most of the adjoining railroad right-of-way between the railroad tracks and property boundary. The foundry sand fill varies in depth where it was observed to be three to five feet thick at the northeast section of the site and diminishes in thickness to the south-southwest. The foundry sand fill at the site is mixed with some construction and demolition (C and D) debris near the surface and contains random pieces of larger C and D debris below the surface. Areas of the former foundry parcel that do not have any appreciable amounts of foundry sand consist of exposed native subsoil. Native soil encountered below the waste fill at the site was mostly a dense glacial till. Bedrock was not encountered nor confirmed during the SI.

Groundwater was encountered at approximately 22 feet below ground surface. The local topography slopes generally in an easterly direction toward Conewango Creek. The groundwater gradient is presumed to be flowing in an easterly direction. The groundwater gradient could not be confirmed.

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

<http://www.dec.ny.gov/cfm/x/extapps/derexternal/haz/details.cfm?pageid=3&progno=E905030>



During Remediation: Implementing Interim Remedial Measure (IRM) Work Plan



During Remediation: Implementing Interim Remedial Measure (IRM) Work Plan

Where to Find Information

Project documents are available at the following location to help the public stay informed. For more information about the BCP, visit: <http://www.dec.ny.gov/chemical/8450.html>.

Town of Randolph

Attn: Town Clerk
72 Main Street
Randolph, NY 14772
Phone: 716-358-9701 ext. 202

Who to Contact

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

Project Related Questions:

Eugene Melnyk
NYS DEC - Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203
716-851-7220
ewmelnyk@gw.dec.state.ny.us



Before Remediation: aerial photo



After Remediation: aerial photo

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.

You may continue also to receive paper copies of site information for a time after you sign up with a county listserv, until the transition to electronic distribution is complete.

Note: Please disregard if you already have signed up and received this fact sheet electronically.

