



<h1>FACT SHEET</h1>	<h2>Brownfield Cleanup Program</h2>
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Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: Covanta Niagara Rail-to-Truck Intermodal Facility
DEC Site #: C932160
Address: 139 47th Street Rear; Niagara Falls, NY 14304
Website: <http://www.dec.ny.gov/chemical/88245.html>

Have questions?
See
"Who to Contact"
Below

Cleanup Action Completed at Brownfield Site

Action has been completed to address the contamination related to the Covanta Niagara Rail-to-Truck Intermodal Facility site ("site") located at 139 47th Street Rear, Niagara Falls, Niagara County under New York State's Brownfield Cleanup Program. Please see the map for the site location.

The cleanup activities were performed by Covanta Niagara I LLC with oversight provided by the New York State Department of Environmental Conservation (DEC). The applicant has submitted a draft Final Engineering Report for DEC review which states that cleanup requirements have been achieved to fully protect public health and the environment for the proposed site use.

Highlights of the Site Cleanup:

The proposed remedy for the Covanta Niagara BCP site includes:

- a. Removal and disposal of fill material excavated to facilitate site redevelopment,
- b. Cover entire site with clean fill, asphalt, concrete or railroad ballast,
- c. Remove contaminated water from sumps and pits and closure in place,
- d. Remove and properly dispose regulated building material,
- e. Place an environmental easement on the property,
- f. Implement OM&M Plan for the engineering controls,
- g. Perform annual certification of the engineering and institutional controls, and
- h. Implement a Site Management Plan to control future site activity.

Next Steps

When DEC approves the Final Engineering Report, it will be made available to the public (see "Where to Find Information" below). DEC 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 DEC.

Background

Location: The project site encompasses approximately 15-acres along the railroad tracks on the eastern edge of a larger, former industrial complex that is located at 137 47th Street in the City of Niagara Falls.

Site Features: The project site is occupied by one approximately 13,700 sq. ft. building formerly utilized for the maintenance and repair of locomotives; an inactive rail yard; and concrete floor slabs representing remnants of the former industrial complex. The on-site structure is not currently utilized and is in a deteriorated state. The remaining portions of the project site generally consist of aged asphalt, concrete and gravel surfaces with some successional vegetation occurring along the eastern site boundary.

Current Zoning/Use(s): The site is currently vacant and is zoned for industrial use.

Historic Use(s): The project site was owned and operated by the Union Carbide Corporation Metals Division, which first developed the complex in the early 1900's. The plant produced special alloys, tungsten, ferroalloys, calcium carbide and ferrovandium ferrotungsten. Union Carbide's Linde Division also operated a welding flux manufacturing facility on the plant property. Praxair, Inc., the current owner of the property containing the project site, is a corporate successor to Union Carbide's Linde Division. Other industrial operators on the Praxair property have included ESAB, L-Tech, Stratcor, Inc., US Vanadium and UMETCO. From the time of the initial development of the Union Carbide plant, the 15-acre project site was primarily utilized for rail facilities that serviced the plant and other adjacent industries including the former Electromet facility which is the suspected source of the TENORM material.

In January 2013 the Company submitted an application to enter into the State's Brownfield Clean-up Program to address contamination that was found on the site. Their application was subsequently approved and they entered into the program in April of that year.

Remediation of the site was completed during the 2014 construction season and the rail to truck facilities were completed at the site in 2015. These facilities will serve as a "cover system" to prevent contact and exposure to the residual contamination that remains on the site.

Site Geology and Hydrogeology: The project site geology can be divided into five significant units, which are described in descending order as follows: fill material, alluvial deposits, glaciolacustrine deposits, glacial till, and Dolostone bedrock. The fill material was encountered across the project site and was observed from the ground surface to a maximum depth of 8 feet below ground surface (bgs), with an average thickness of approximately 4 ft. Low permeability glacial deposits underlie the fill and extend to the apparent top of bedrock, which was encountered at depths ranging from 15.2 to 21.7 ft bgs. Precipitation that falls on the project site appears to infiltrate the ground surface. No surface water drainage was observed on the project site. The on-site drainage and wastewater systems are reportedly abandoned and capped, and no surface water bodies exist on or adjacent to the project site. Localized perched groundwater was encountered in the permeable fill and alluvial deposits, however saturated conditions were not consistently observed in these units. Groundwater on site was generally encountered at depths of 8-12 feet below ground surface. The groundwater water contours on site were generally flat with slight higher levels detected in the southern area of the site.

The site cover system consisting of concrete, asphalt, stone, soil and building footprints was completed in November 2015. Operation of the rail yard in accordance with the revised Part 360 Permit began on September 23 with the approval to start the 90 day shake down period. Full scale operation is expected to commence in January 2016.

Additional site details, including environmental and health assessment summaries, are available on DEC's website at <http://www.dec.ny.gov/chemical/88245.html> and <http://www.dec.ny.gov/cfm/extapps/derexternal/haz/details.cfm?pageid=3&progno=C932160>

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 to help the public stay informed.

Niagara Falls Public Library - LaSalle Branch
8728 Buffalo Avenue
Niagara Falls, NY 14304
716-283-8309

Project documents are also available on the DEC website at:

<http://www.dec.ny.gov/chemical/88245.html>

Who to Contact

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

Project Related Questions

Michael Hinton
NYS DEC
Division of Environmental Remediation
270 Michigan Ave
Buffalo, NY 14203
716-851-7220
michael.hinton@dec.ny.gov

Site-Related Health Questions

Brad Wenskoski
NYS DOH
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.

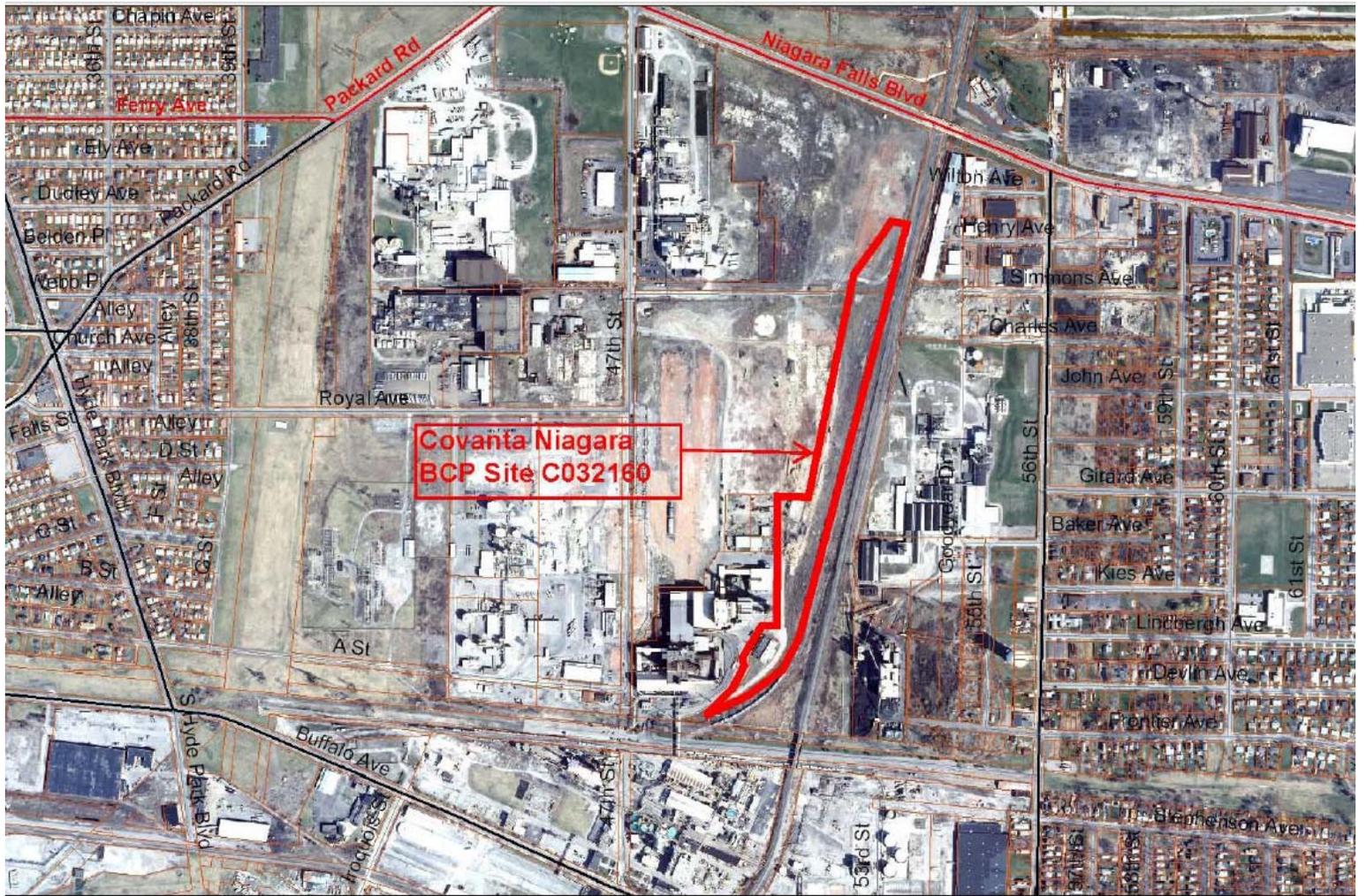
Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox.

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.



**Covanta Niagara
BCP Site C032160**

0.4 0 0.18 0.4 Miles

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**NIAGARA COUNTY, NEW YORK
DEPARTMENT OF REAL PROPERTY SERVICES**