



FACT SHEET Environmental Restoration Program

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

Site Name: Undeveloped Portion – Former Abex Mfg. Facility
DEC Site #: E837015
Address: 3959 Bates Road
Medina, New York 14103

Have questions?
See
"Who to Contact" Below

**Investigation Completed and Remedy Proposed
at Municipal Brownfield Site
and
Public Comment Period and Public Meeting Announced**

Public Meeting, Wednesday, 02/21/2018 at 6:30 PM
Ridgeway Town Hall
401 West Avenue, Medina, NY 14103

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 45-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 Undeveloped Portion Former Abex Mfg. Facility site ("site") located at 3959 Bates Road, Medina, Orleans County. Please see the map for the site location.

Documents related to the investigation and the cleanup of this site can be found at the location identified below under "Where to Find Information." Additional site details, including environmental and health assessment summaries are available on NYSDEC's website at: <http://www.dec.ny.gov/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=E837015>

HIGHLIGHTS OF THE REMEDIAL INVESTIGATION REPORT

The remedial investigation was conducted under a NYSDEC approved work plan. A total of 159 environmental media samples were collected for laboratory analysis. Investigational activities included:

- Groundwater monitoring well installation and groundwater sampling
- Soil borings and subsurface and surface soil sampling including the lagoons and drainage swales/ditches at the site,
- Soil gas sampling, and
- Surface water sampling.

The laboratory results indicate that the surface and subsurface soil, groundwater, and surface water are impacted above the NYSDEC's standards and guidance levels for semi-volatile organic compounds and metals. The impacts appear to be a result of historical activities conducted at the site. Based on the investigation results NYSDEC is recommending that the site be remediated.

PROPOSED REMEDIAL ACTION PLAN

The remedy proposed for the site includes the following:

- The excavation of all soils in the lagoon areas and along the perimeter of the site that exceed the industrial or protection of groundwater soil cleanup objectives (SCOs).
- The soil/fill material excavated will be transported off-site for disposal at a permitted landfill facility.
- Site restoration activities will include backfill of the excavation areas with clean fill and restore the site to existing grade.
- A cover system will be installed at the site which will include the placement of one foot of cover across approximately 9.50-acres of the site.
- A Site Management Plan will be developed. The Site Management Plan will include an Institutional and Engineering Control Plan that identifies site use restrictions and engineering controls as well as provide details the steps and media specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective

The estimated cost to implement the proposed remedy is \$5.1 million. Oversight of the cleanup activities will be provided by the NYSDEC.

HOW TO COMMENT

NYSDEC is accepting written comments about the proposed remedial action plan for 45 days, from **February 2, 2018** through **March 19, 2018**. 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.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the "analysis of alternatives" submitted under New York's Environmental Restoration Program by County of Orleans Industrial Development Agency and Orleans Land Restoration Corporation.

NEXT STEPS

NYSDEC will consider all 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.

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

SITE BACKGROUND

Location:

The Undeveloped Portion – Former Abex Manufacturing Facility site is a 36.70-acre site located in a rural area within the Town of Ridgeway in Orleans County. The site is located at 3959 Bates Road, southeast of the intersection of Bates Road and New York State (NYS) Route 31.

Site Features:

The site contains the wastewater settling basins (lagoons) that formerly served the foundry located to the north, a fire pond, an active electric substation that currently serves the Brunner International parcel located to the north, two rail spurs (one active and one abandoned) and portions of two occupied buildings constructed by Brunner during a facility expansion in 2008 and 2014, wetlands, drainage ditches, and undeveloped woodland.

Current Zoning and Land Use:

The site is currently zoned for industrial use. The surrounding parcels are currently residential, commercial, and industrial manufacturing properties. The northern border of the site is the former foundry operation and associated structures currently occupied by Brunner International. The southern border of the site is a chain link fence and drainage ditch that borders undeveloped land. The eastern border of the site and the south side of the bound by wooded undeveloped land. The western border of the site is Bates Road. The nearest residential property is approximately 200 feet west on Bates Road.

Past Use of the Site:

The site was originally part of the 48-acre parcel known as the former Abex Corporation Foundry. The 48-acre parcel was subdivided in September 1992 into 2 parcels – 36.7 and 12.3 acre parcels. The 12.3-acre parcel that contains the former foundry buildings was purchased by Brunner International. The 36.7-acre parcel ownership was transferred from Abex to MCG Intermediate Holdings Inc. in 1995 and then in 2006 to County of Orleans Industrial Development Agency. The 36.7 -acre parcel is defined as the site. The former foundry was constructed in the early 1950's. Prior to development the parcels were undeveloped woodland and tilled farmland.

The lagoons were used to collect wash water from the foundry process as well as storm water discharge. The former foundry and manufacturing facility used foundry sands for the casting of metal parts. Foundry sands and waste have been identified across the site and within the settling lagoons. Settled foundry sands in the lagoons was reclaimed for reuse at the former foundry facility by staging adjacent to lagoons or were collected for disposal.

Several Phase I and Phase II Environmental Site Assessments were conducted on the site and the adjoining Brunner parcel from 1990 to 2008. The Phase I and Phase II Environmental Site Assessments indicated the disposal of remaining foundry sand inventory on site, accumulation of sediment in two of the lagoons, reclaimed foundry sand was staged near the lagoons, and total petroleum hydrocarbons (TPH) concentrations in foundry sand disposal area exceeded State standards and guidance values. A spill of Dasco Kleen and Dasco ARC 417 occurred December 1999 at a pond located behind the former foundry building (Spill Number 9911020). A review of past site development and use indicates that site disposal of

waste occurred primarily on the western half of the site while the eastern portion of the site has remained largely unaffected by site operations or disposal.

Site Geology and Hydrogeology:

The overburden soils are predominantly fill underlain by native fine grained silt and sand mixtures. Fill material consists of silt, sand and/or black fine grained foundry sand. Foundry sand was observed ranging in depth from just below grade up to 8 feet below ground surface. Bedrock was generally encountered at approximately 10 feet to 12 feet below ground surface.

The depth to groundwater ranges from approximately 0.21 feet to 5.83 feet below ground surface at the site. Groundwater flow appears to be towards the west near the fire pond and then shifts northwest towards the Erie Canal and Oak Orchard Creek across the western portion of the site.

Environmental Restoration Program: New York's Environmental Restoration Program (ERP) reimburses municipalities for their costs to investigate and clean up municipality owned contaminated properties. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.

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 ERP, visit: <http://www.dec.ny.gov/chemical/8444.html>

FOR MORE INFORMATION

Where to Find Information

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

Lee Whedon Memorial Library
620 West Avenue
Medina, New York 14103
Phone: (585)798-3430
E-mail: info@medianlibrary.org

Who to Contact

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

Project Related Questions

Charlotte Theobald
Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon Lima Road
Avon, New York 14414
Phone: (585)226-5354
E-mail: charlotte.theobald@dec.ny.gov

Site Related Health Questions

Eamonn O'Neil
New York State Department of Health
Empire State Plaza Corning Tower Room 1787
Albany, New York 12237
Phone: (518)402-7860
E-mail: 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

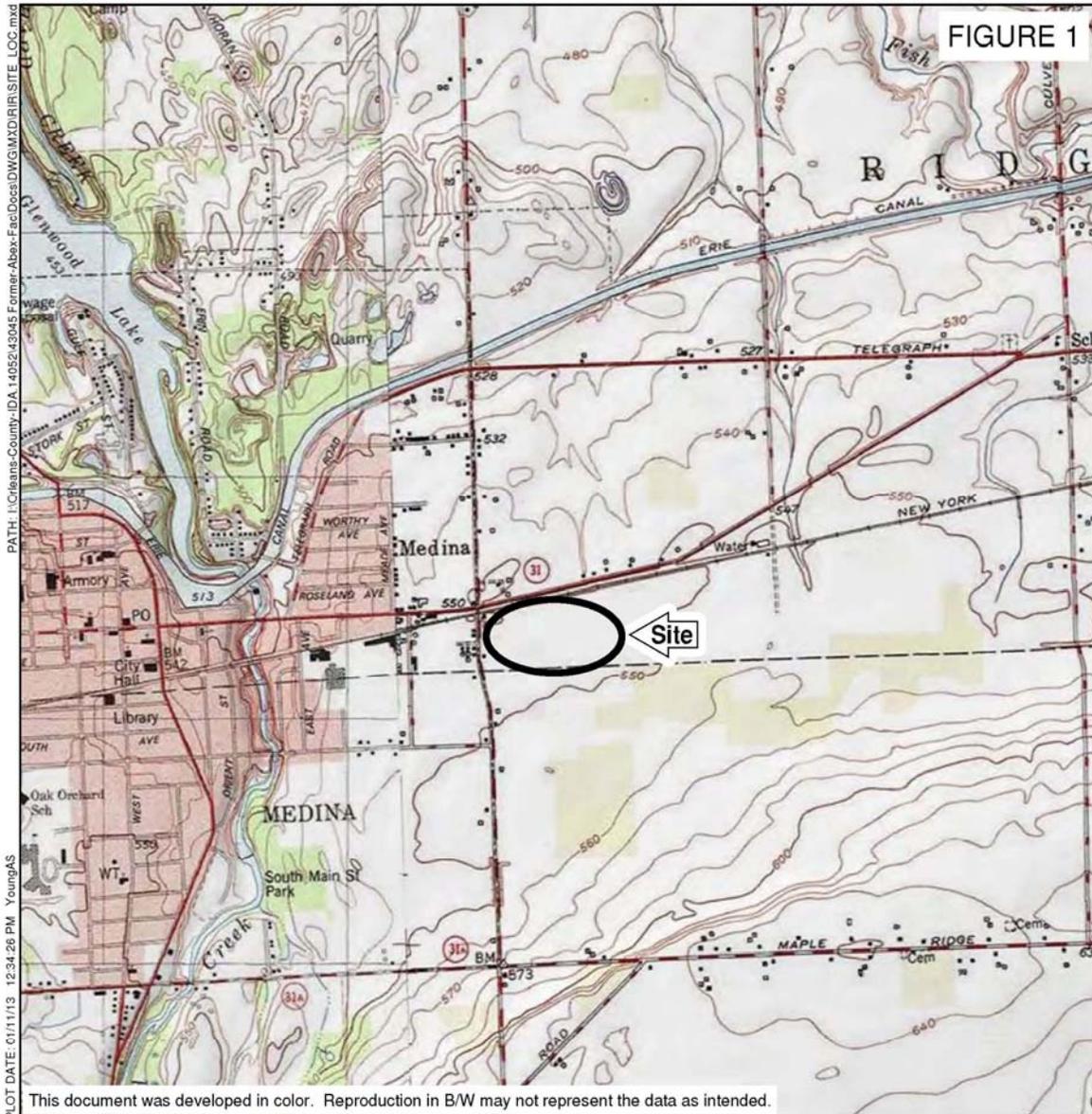
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:

<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.

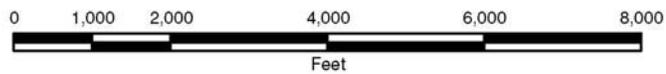


ADAPTED FROM: KNOWLESVILLE AND MEDINA, NY USGS QUADRANGLE

COUNTY OF ORLEANS IDA
 FORMER ABEX CORPORATION FOUNDRY
 TOWN OF RIDGEWAY,
 ORLEANS COUNTY, NEW YORK



SITE LOCATION



JANUARY 2013
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