



FACT SHEET

Brownfield Cleanup Program

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

Site Name: Former Bernzomatic Facility
DEC Site #: C837018
Address: 1 Bernzomatic Drive
Medina, NY 14103

Have questions?
See
"Who to Contact"
Below

Draft Investigation Work Plan for Brownfield Site Available for Public Comment

The public is invited to comment on a draft work plan under review by the New York State Department of Environmental Conservation (NYSDEC) to investigate the Former Bernzomatic Facility Site ("Site") located at 1 Bernzomatic Drive, Medina, Orleans County. Please see the attached map for the Site location.

Draft Investigation Work Plan

The draft investigation work plan, called a "Remedial Investigation Work Plan," was submitted to NYSDEC under New York's Brownfield Cleanup Program. The investigation will be performed by Irwin Industrial Tool Company ("applicant(s)"), a subsidiary of Newell Brands Inc. with oversight by NYSDEC and the New York State Department of Health (NYSDOH).

How to Comment

NYSDEC is accepting written comments about the draft investigation work plan for 30 days, from **September 8, 2016** through **October 9, 2016**. 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. Documents related to the investigation of this Site can be found at the location(s) identified below under "Where to Find Information."

Highlights of the Proposed Site Investigation

The proposed investigation activities include the following:

- surface soil testing in the lawn areas to evaluate potential human exposures;
- soil vapor (sub-slab vapor, indoor air, and ambient air) will be tested to evaluate potential human exposures;
- subsurface soil testing near the northeast portion of the Site where prior sampling indicated impacts to further delineate extent and depth of soil contamination;
- groundwater testing around Site boundary to define extent and potential areas of contamination; and,
- sediment and surface water testing of the pond located south of the building to evaluate potential ecological exposures.

Based upon investigations to date, the primary contaminants of concern at the Site include volatile organic compounds and metals (primarily xylene, tetrachloroethene, trichloroethene, cis-1,2-dichloroethene, acetone, arsenic, barium, cadmium, chromium, and lead among others) in groundwater. In addition, acetone was detected in the subsurface soils at 2 to 3 feet.

Next Steps

NYSDEC will consider public comments, revise the plan as necessary, and approve the work plan. NYSDOH must concur with the plan. The approved work plan will be made available to the public (see “Where to Find Information” below). After the work plan is approved, the activities detailed in the work plan will be implemented.

When the investigation is completed, a report will be prepared and submitted to the NYSDEC that summarizes the results. NYSDEC will review the report, make any necessary revisions and, if appropriate, approve the report.

After the investigation, a cleanup plan, called a “Remedial Work Plan” will be developed and a Decision Document will be proposed. The cleanup plan will include an evaluation of the proposed Site remedy, or recommend a no action or no further action alternative. The goal of the cleanup plan is to ensure the protection of public health and the environment. NYSDEC will present the proposed cleanup plan to the public for its review and comment during a 45-day comment period. NYSDEC will keep the public informed and send fact sheets throughout the investigation and cleanup of the Site. Please sign up on the listserv at the website mentioned above.

Background

Site Location:

The Site is comprised of two adjoining lots located at 1 Bernzomatic Drive, within the Village of Medina. The northern lot spans Bernzomatic Drive and is located in the Town of Ridgeway. The adjoining southern lot also spans Bernzomatic Drive and is located in the Town of Shelby.

Site Features:

Improvements on the 14.49 acre Site include a main manufacturing building of approximately 160,000 square feet on the west side of Bernzomatic Drive. Truck and trailer parking areas are located to the north of the main manufacturing building, and employee and visitor parking is located to its south. Areas west and south of the main manufacturing building are generally wooded and vacant as a buffer zone to neighboring residential and commercial properties. Roof drains from the building discharge into a cistern system which stores water underneath the building as a backup supply for fire suppression. Overflow from the cistern discharges to a storm water pond located on the western side of the property. Structures outside the Site boundary but located on the overall former Bernzomatic facility include an approximately 4,000 square foot engineering laboratory and an approximately 8,000 square foot storage building on the east side of Bernzomatic Drive. A small ancillary fire pump house building is also present just north and outside the northeast corner of the Site boundary. The topography of the Site is generally flat and surrounding properties are of similar elevation.

Current Zoning and Land Use:

The subject properties are located in zoning district I (Industrial District) and are currently inactive / vacant.

Past Use of Site:

Historical records indicate that the subject property has a history of industrial use beginning in approximately 1915, including canneries and food processing companies. These uses involved process areas including a pipe shed, machine shop, and oil house that may have involved the usage of hazardous materials and/or petroleum. In addition, the subject property historically utilized hazardous substances including solvents and oils. Records indicate that parts cleaning operations were once performed using "solvent degreasing" agents. Recent site operations involved the machining, assembly, packing, and shipping of hand-held torches by Bernzomatic, a division of Newell Rubbermaid Corporation. In 2011, Newell Rubbermaid sold the business (Newell Rubbermaid maintained ownership of the property) to Worthington Industries who continued manufacturing torches until July 2014. The facility has been vacant since August 2014. Newell Rubbermaid completed a preliminary environmental investigation of the Site in 2014. The industrial chemical, acetone, was detected at elevated levels in the soil and various chlorinated and volatile organic compounds were detected at elevated levels in the groundwater. Based on this information, Newell Rubbermaid notified the NYSDEC and submitted an application to enter into the Brownfield Cleanup Program.

Site Geology and Hydrogeology

The Site is located in the Erie-Ontario Lowlands Physiographic Province. The Site is underlain by sand and silt mixtures with some gravel, encountered just beneath the concrete surface. Overburden thickness at the Site varies from approximately 9 feet beneath to the east of the main building to approximately 12 feet near the cistern beneath the building. Bedrock at the Site consists of a 10 foot thick layer of Irondequoit Limestone over Medina Sandstone.

Depth to the water in the overburden monitoring wells ranges from 2.37 to 4.56 feet below the top of the well risers. Depth to water in the bedrock monitoring well was 6.7 feet below the top of the well riser. Overburden groundwater flow is to the north-northeast, whereas overburden groundwater flow in the cistern area is to the northwest. The water elevation in the cistern is more than 3 feet higher than groundwater levels in the surrounding monitoring wells which indicates that the cistern is tightly sealed and not in hydraulic communication with groundwater. Based on local topography, shallow groundwater would most likely flow northwest, toward the Erie Canal, located approximately 0.4 miles northwest of the Site.

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** site is any real property where a contaminant is present at levels exceeding the soil cleanup objectives or other health-based or environmental standards, criteria or guidance adopted by DEC that are applicable based on the reasonably anticipated use of the property, in accordance with applicable regulations.

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

FOR MORE INFORMATION

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=C837018>

Where to Find Information

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

Lee-Whedon Memorial Library
620 West Ave.
Medina, NY 14103
Phone: 585-789-3430
(info@medinalibrary.org)

Who to Contact

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

Project Related Questions

Danielle Miles
Department of Environmental Conservation
Division of Environmental Remediation
6274 East Avon-Lima Road
Avon, NY 14414
585-226-5349
danielle.miles@dec.ny.gov

Site-Related Health Questions

Angela Martin
New York State Department of Health
Corning Tower, Rm 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. 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.

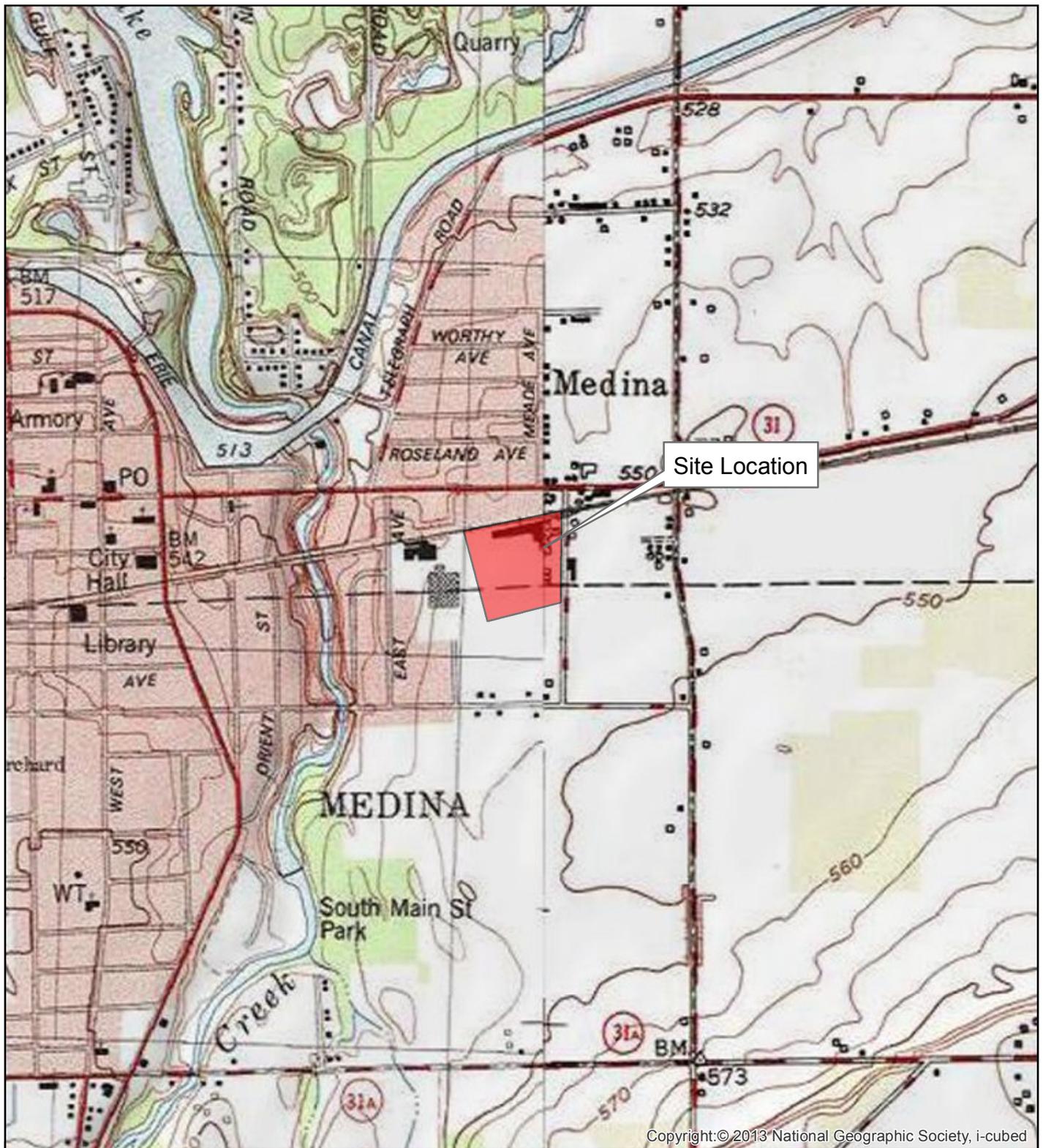


Figure 1 - Site Location Map
 Former Bernzomatic Facility
 Site No. C837018
 Village of Medina, Orleans County, New York



0 800 1,600 3,200 Feet

1 inch = 1,600 feet



Department of
 Environmental
 Conservation