Cleanup Action to Begin at Voluntary Cleanup Site

Action is about to begin that will address the contamination related to the Bloody Brook site ("site") located in the Town of Salina, Onondaga County under New York State's Voluntary Cleanup Program. 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."

The cleanup activities will be performed by Lockheed Martin Corporation ("volunteer(s)") with oversight provided by the New York State Department of Environmental Conservation (NYSDEC).

Highlights of the Upcoming Cleanup Activities
The goal of the cleanup action for the site is to achieve cleanup levels that protect public health and the environment. The cleanup action for the site includes:

1. A remedial design program will be implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program.

2. Excavation and off-site disposal of contaminated soil and sediment. Approximately 20,100 cubic yards of soil and 1,700 cubic yards of sediment are estimated to be removed from the site. Clean fill will be brought in to replace the excavated soil and sediment.

3. A site cover will be required to allow for current uses of the site.

4. A Site Management Plan is required to manage and monitor residual materials left buried at the site.

Next Steps
After completion of the cleanup activities by the volunteer, the volunteer will prepare a Final Engineering Report and submit it to NYSDEC. This document will describe the cleanup activities completed and certify that cleanup requirements have been achieved or will be achieved.

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the Final Engineering Report. NYSDEC will then issue the volunteer a release letter that provides a release from liability. This release letter would declare that the volunteer has met its obligations and that NYSDEC would not require the volunteer to perform additional
investigation or cleanup at the site, subject to certain conditions. The release letter would allow for the redevelopment of the site.

**Background**

Location: The Bloody Brook site is located in the Town of Salina and the Village of Liverpool in Onondaga County, New York.

Site Features: The Bloody Brook Site is an approximately 5,000-foot long stretch of the brook from the New York State Thruway to the Onondaga Lake Parkway. The main site features include the west and middle branches of the brook and brook sediments, the banks of the brook, floodplain soils, a wetland area, a wooded area, and soils associated with the former channel.

Current Zoning and Land Use: The land uses surrounding Bloody Brook include industrial, commercial and residential, consistent with applicable, current zoning. The surrounding area also contains railroad tracks, numerous roads and right-of-ways. The brook itself is not used commercially. Bloody Brook is a Class B stream (best use is contact recreation) from the mouth of the brook to its confluence with the West Branch of Bloody Brook, approximately 0.4 miles upstream from the mouth. Upstream of this confluence the West and Middle Branches of Bloody Brook are Class C streams (best use is fishing). The site is within the Bloody Brook Drainage District. The drainage district was formed to allow Onondaga County access to the brook to complete drainage improvements and maintain the drainage capacity of the brook.

Past Use of the Site: The site contamination is believed to have resulted from discharges to the West Branch of Bloody Brook from Electronics Park. General Electric owned this site between 1949 and 1993; thereafter it was transferred to Martin Marietta (predecessor to Lockheed Martin). General Electric used cadmium in the manufacturing of television picture tubes. The course of the brook channel was modified five times between 1944 and 1978. The modifications occurred as part of Thruway construction; construction of residential areas; construction of the former Lakeshore Drive-In Theater; and installation of new culverts for hydraulic improvements downstream of the former Lakeshore Drive-In Theater. Prior to 1938, the area was used for agriculture with some wooded areas and some residential homes. As per the Department’s February 1997 “Final Decision and Response to Comments for the Electronics Park Facility”, the final remedy implemented for the Electronics Park Facility included the continuation of the site-wide groundwater pump and treat system so as to preclude the off-site migration of groundwater. It also included storm sewer maintenance, to eliminate infiltration of groundwater into the storm sewers, and the removal of cadmium-impacted and PCB-impacted sediments within a 200-foot long culvert beneath the Thruway and from a 750-foot section in the West Branch of Bloody Brook south of the Thruway.

Site Geology and Hydrogeology: The site geology consists of a sand and silt mixture, underlain by dense clay. The clay elevation is relatively consistent across the site, while the sand and silt mixture fluctuates with the surface elevation. Within the location of the former brook channel, an organic peat layer exists with a thickness from approximately one inch to three feet.

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<th>Voluntary Cleanup Program: New York's Voluntary Cleanup Program (VCP) was developed to encourage private sector volunteers to investigate and clean up contaminated properties and return these sites to productive use. Once cleaned up, the properties may be redeveloped for commercial, industrial, residential or public use.</th>
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<td>For more information about the VCP, visit: <a href="http://www.dec.ny.gov/chemical/8442.html">http://www.dec.ny.gov/chemical/8442.html</a></td>
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FOR MORE INFORMATION

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

Liverpool Public Library
310 Tulip Street
Liverpool, NY  13088
phone:  315-457-0310

NYS Department of Environmental Conservation
Attn: Richard Mustico, P.E.
625 Broadway
Albany, NY  12233
(phone:  315-457-0310)
(rxmustic@gw.dec.state.ny.us)

Atlantic States Legal Foundation
Attn: Samuel Sage
658 West Onondaga Street
Syracuse, NY  13204
(phone:  315-475-1170)

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
Richard Mustico
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY  12233-7013
518-402-9788
rxmustic@gw.dec.state.ny.us

Site-Related Health Questions
Mark Sergott
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower Room 1787
Albany, NY  12237
518-402-7860
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.
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