

Bloody Brook Voluntary Cleanup Newsletter

August 2017

LOCKHEED MARTIN
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Lockheed Martin Rotary and Mission Systems
P.O. Box 4840 • Electronics Parkway • Syracuse, NY 13221-4840

Voluntary Cleanup Status

The cleanup of the Bloody Brook Site is now complete. We thank you for your patience and assistance in helping us complete this work. As you know, the work started in 2014 and it was completed this spring. During that time, approximately 39,000 tons of soil and sediment were removed from the brook channel, side banks and properties adjacent to the affected areas. After completing the majority of remedial construction from 2014 to 2016, throughout the months of March through June 2017, Lockheed Martin's remedial contractor (AECOM) cleaned up soil and restored an area outside of the brook at one property (an apartment complex) just off of Old Liverpool Road to complete the project.

What's Next for the Site

To complete the requirements of the March 2014 Decision Document, Lockheed Martin is compiling the Site Management Plan (SMP) and Final Engineering Report (FER). The SMP provides a general description of the site, notes the controls in-place and describes the nature and extent of the remaining contamination at the site. As part of the SMP, Lockheed Martin will send notices annually to property owners within the site where residual cadmium remains below remedial excavation depths (that is, below 4 feet in residential areas). These notices will remind property owners of the potential presence of residual cadmium. It will provide detailed information about where it could be encountered and what to do if the owner should need to



Looking upstream at the same portion of the 2017 construction area in Photo 1, remediated and restored.



Looking upstream at a portion of the active 2017 construction area at the apartment complex property.

dig within these areas. The FER documents the complete remedial program implementation and is required to receive a certificate of completion or closure letter from the New York State Department of Environmental Conservation (NYSDEC). Implementation of the SMP is the last phase of a remedial program, which begins with the closure letter. Site management ensures the safe (re)use of properties where contamination remains in place.

Lockheed Martin is now focusing on site monitoring, restoration and planning for the five year maintenance and monitoring period ahead. Annual inspections will occur for five years following completion of restoration activities to ensure no erosion of the channel and banks is occurring and that the vegetation is growing as intended. These annual inspections will comply with the March 2014 Decision Document prepared by the NYSDEC, property-specific restoration agreements and the NYSDEC approved restoration work plans for the site. As needed, based on these inspections, vegetation may need to be replaced and the brook side banks may require minor repairs.

Crayfish in the brook will also be sampled beginning in 2018, and again in 2020, to assess their cadmium concentrations following the completion of remedial activities. Results from samples collected before remediation will be used as a baseline for comparison of the cadmium concentrations. This data will help determine the effectiveness of the site remediation in mitigating potential cadmium impacts to the brook.



Looking downstream from the wooded area at the restored brook through the neighborhood.

For more information

If you have any general project-related questions, please contact Jacky Luo at the NYSDEC at 518-402-9676 or Jacky.Luo@dec.ny.gov. Information including technical documents, sample results and informational materials about the Bloody Brook site are available at the Lockheed Martin website at www.lockheedmartin.com/liverpool.

The New York State Department of Environmental Conservation maintains repositories for documents and sample results at the locations listed below.

Liverpool Public Library
310 Tulip St.
Liverpool, N.Y. 13088
315-457-0310

New York State Department of Environmental Conservation, Region 7
615 Erie Blvd.
West Syracuse, N.Y. 13204
315-426-7403

New York State Department of Environmental Conservation, Central Office
625 Broadway
Albany, N.Y. 12233
518-402-8013

The Atlantic States Legal Foundation Inc.
658 West Onondaga St.
Syracuse, N.Y. 13204
315-475-1170

Anyone with questions or concerns about the site is encouraged to call the Bloody Brook Information Line at 315-456-2150

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