

Bloody Brook Voluntary Cleanup Newsletter

October 2015

Summer 2015 Voluntary Cleanup Progress

The transformation of Lockheed Martin's Bloody Brook voluntary cleanup site is taking shape.

Throughout the months of August and September 2015, Lockheed Martin's remedial construction contractor AECOM continued to restore the 2014 construction area (wooded area) and excavate the brook sediment and side banks down to Sunflower Drive. Approximately 650 truckloads (15,000 tons) of soil and sediment have been removed so far in 2015, and 1,335 truckloads (29,000 tons) to date for the project. Backhoes, loaders and excavators continue to be used to dig up the soil. The access road off of Brookview Lane, near Sunflower Drive, has been removed and restored. Dump trucks are using the paved roadways to take soil off-site to licensed landfills and to bring clean backfill onto the site for restoration. A bypass pump continues to divert the flow of the West Branch of Bloody Brook from the work area.

Now that remedial construction activities have progressed from the open wooded area into the neighborhood area, some new activities have started. In the beginning of August, Brookview Lane was closed from Midwood Drive to Floradale Road, to allow the replacement of the culverts which carry the brook under the road. The two old, metal corrugated culverts were removed and replaced with a single concrete box culvert. The culvert work at



Upstream portion of Bloody Brook with restored channel and side banks.

Brookview Lane took longer than anticipated because the concrete took longer than expected to harden, and the roadway was only recently partially opened to two-way traffic. This fall Brookview Lane will be paved and the full width of the culvert will be opened to traffic. Lockheed Martin and AECOM are using the lessons learned on the first culvert replacement to ensure that the next two culvert replacements at Sunflower Drive and Floradale Road will proceed quicker. Currently, work is being conducted on the Sunflower Drive culvert, and Sunflower Drive is closed between its two intersections with Floradale Road.

Upcoming Activities

Excavation of side banks, soils and the dry brook sediment will continue from Sunflower Drive downstream throughout the fall. In addition, the upstream areas that have been remediated will be restored with seed (sod on residential properties), shrubs and trees. Any vegetation that is stressed or not surviving in the 2014 construction area also will be replaced this fall or in spring 2016. Replacement of the Sunflower Drive culvert will continue and be completed as quickly as possible. Once complete, Sunflower Drive will be reopened to two-way traffic and then work can begin on the Floradale Road culvert.

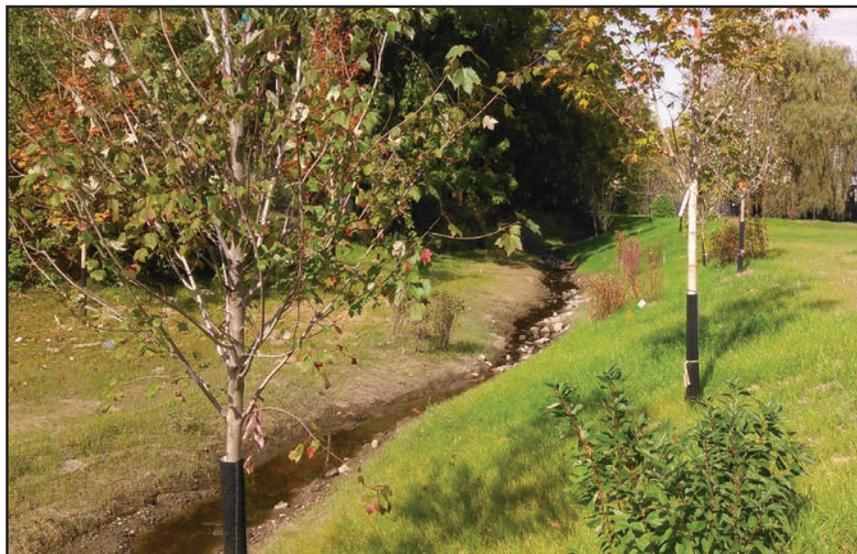
Weather permitting, AECOM will continue activities into the early winter months. In addition, tree removal and site clearing/preparation for the 2016 construction areas also will begin.



Bypass pump piping running through the new concrete box culvert underneath Brookview Lane.

Look for another issue of the Bloody Brook Voluntary Cleanup Newsletter this winter to update you on the progress of the remediation.

Information including documents, sample results and informational materials and updates about the Bloody Brook cleanup are available on the Lockheed Martin website at www.lockheedmartin.com/liverpool.



Fully restored intermittent stream, former access road and staging areas from 2014 construction activities.

The New York State Department of Environmental Conservation maintains repositories for documents and sample results at the locations listed below. The proposed cleanup plan for Bloody Brook is currently available here:

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

Residents with questions or concerns about the
cleanup activities are encouraged to call the Bloody
Brook Information Line at 315-456-2150.

Address Service Requested:
Lockheed Martin Mission Systems and Training
P.O. Box 4840
Electronics Parkway
Syracuse, NY 13221-4840

