

Little Buck Run Stream Restoration 2012 to 2015



Little Buck Run after restoration

This restoration was two projects that, in total, restored over one mile of Little Buck Run in Parkesburg Borough and Sadsbury Township. The first project was completed in September 2014 with a tree and shrub buffer planted in November 2014. The stream as it appears today is immediately to the left.

The second project was completed in September 2015. Both projects involved stream bank grading and stabilization, installation of in-stream structures including cross vanes, J-hooks, mud sills, root wads, and straight vanes. The banks were planted with a seed mix of native grasses and wildflowers. Other disturbed areas were planted in a hay mix. Crossings were installed to allow farm equipment to move between hay fields. A tree and shrub buffer was planted at the second site in October 2015. Water quality is being monitored by Stroud Water Research Center, the Academy of Natural Sciences of Drexel University, and USGS.



J-hook construction



Root wads in place



Stabilized stream crossing

Restoration Design: Clauser Environmental LLC

Construction: Flyway Excavating

Funding: PADEP Growing Greener, William Penn Foundation, Victory Brewing and TreeVitalize

Cost: \$640,066



**Brandywine
Red Clay Alliance**

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