

## **Paxton Creek Streambank Restoration**

*Construction Project November-December 2019*

The PA Department of Environmental Protection recently funded a streambank stabilization project in Wildwood Park to protect the foundation of the Olewine Nature Center from being undermined by stream-caused erosion. Easily observed from the Nature Center bird viewing windows, a 200-foot section of Paxton Creek's deeply eroded streambank has been restored.

Flyway Excavators, based out of Mount Joy, performed the construction under the oversight of Bill Kcenich, PADEP Stream Improvement Program. This publicly bid project cost \$55,000.

Hemlock modified wood cribbing and limestone rock were the primary materials used to stabilize the streambank. Additional deep-water pockets, to enhance fish habitat, were incorporated under the wood cribbing. A native riparian seed mixture, coconut fiber fabric and biodegradable biotextile matting were anchored on top of the re-established slope.

The completed project is intended to blend in with the Park's surroundings pending the establishment of native vegetation. However, below the surface important erosion protection is also being provided by over 350 tons of large rock buried in the new streambank.



**Photo taken in early November**



**Photo taken in early January**