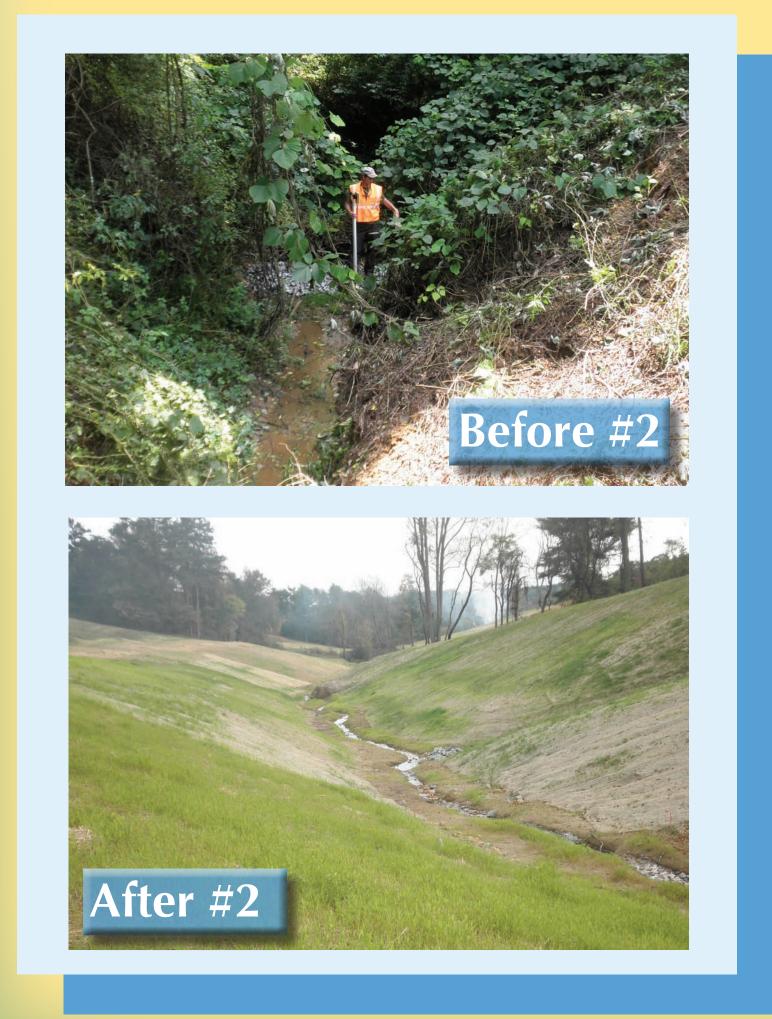


Appalachian.org

The photos below show the contrast of certain restored areas of the stream before and after construction. Following the construction phase, we also planted native trees and shrubs (not pictured) throughout the buffer zone. See map to the right for "Before and After" locations.



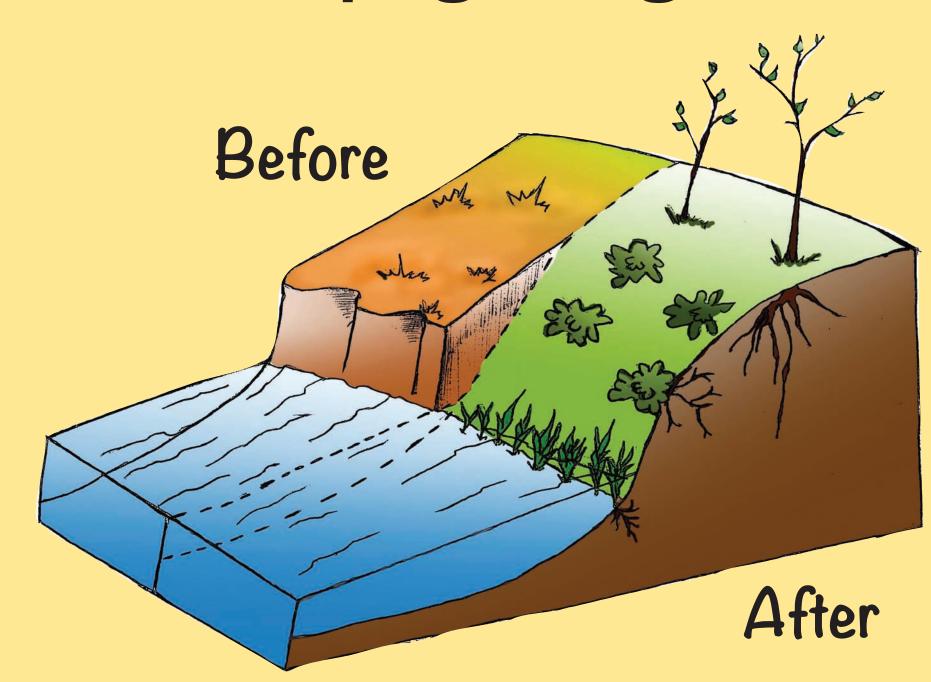


Southern Appalachian Highlands Conservancy: Restoring Streams — Improving Waterways

The streams you see as you walk this trail were very different when SAHC began managing this farm.

Heavy logging and agricultural use within the stream areas in the early 1900s caused soil on stream banks to become unstable and erode away. This erosion filled the streams with sediment and caused the banks to become steep and vertical. Excess amounts of sediment in the water harms stream health as well as animals that depend on it – such as frogs, turtles, snakes, insects, and fish. In 2013, SAHC began restoration of streams on this farm.

Bank Shaping & Vegetation



To restore streams on this farm, we repaired the eroded stream channel and stream banks, installed log and rock structures to regulate the flow of water, and constructed pools for stream creatures to thrive.

As you are walking, you should be able to observe some of these features. Over 3,000 feet of stream were restored. We also planted over 25,000 native trees and shrubs to provide shade to keep the water cool. These plantings offer habitat and food for numerous creatures — from tiny insects to large whitetail deer — and provide deep root structures to stabilize stream banks in cases of extreme rain or flooding.

