

# Marcourt Farms Chagrin River Restoration Project

The Village of Hunting Valley

In 2016, the Village of Hunting Valley was awarded an Ohio EPA Section 319(h) grant to sponsor a river restoration project on two privately owned parcels along the main stem of the Chagrin River. The project site, located on a bend, was experiencing severe erosion, with streambanks as high as fifteen feet, downed trees, two broken stormwater outfalls, and the absence of a functioning riparian area. These conditions contributed to increased sediment entering the river and impacted the river's ability to properly function and provide habitat. As a result, the Village partnered with Chagrin River Watershed Partners to complete a river restoration project using a large woody debris approach.



**Before**

## Quick Facts

**Streambank Restored:** 500 Linear Feet

**Riparian Planting:** 1 Acre

**Project Completed:** Fall 2018

**Did you know?** An approach utilizing large woody debris and native plants will get stronger over time as the willows and dogwoods continue to grow, as opposed to a hard-armoring approach, which can require repair over time.



**After**



Project site before restoration



Installation of rootwads at toe of slope



Rootwads installed, begin back fill of toe



Installation of soil lifts/live branch layering



Slope grading finished with toe work complete



Completed site after Fall 2018 planting



THE VILLAGE OF *Hunting Valley*, Ohio



This project was financed in part or totally through a grant from the State of Ohio Environmental Protection Agency and the United States Environmental Protection Agency under the provisions of the Section 319(h) of the Clean Water Act.