

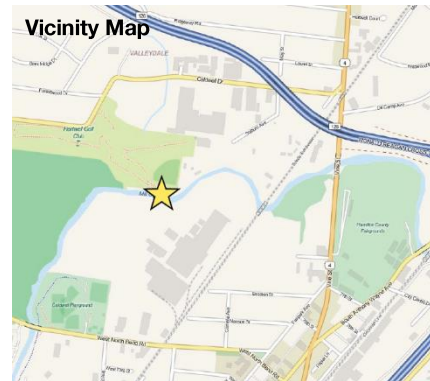


## Mill Creek Restoration at Hartwell Golf Course Project Summary

### **Project Summary**

The Mill Creek Restoration at the Hartwell Golf Course consists of a proposed stream restoration running 3,600 linear feet along the main stem Mill Creek at the confluence with Congress Run. Please see the attached concept plan for details.

Project features on the include bank restoration using bioengineering techniques to provide a robust and sustainable slope design; installation of in-stream riffles and vanes to increase in-stream habitat, oxygenation, nutrient uptake, and metal sequestration; and extensive planting of native vegetation to stabilize streambanks and improve riparian habitat. These measures will restore, to the maximum extent possible, the natural function of the stream and repair degraded habitat while reducing erosion, sedimentation and nutrient enrichment. The ultimate goal is improvement of water and habitat quality in the Mill Creek.



Additional bank shaping, stabilization and solid waste removal, funded separately by Byer Steel, further the return on investment made with WRRSP funds and boost the water quality benefits of the project. The proposed project will bring the restored stream reach into attainment with Warm Water Habitat (WWH) Aquatic Life Use standards.

The majority of construction work to achieve these goals is scheduled to be completed during the second half of 2017, with some finishing work and maintenance continuing into early 2018. The summer of 2018 will reveal a revitalized Mill Creek through Hartwell, leaving the vertical banks that release trash into the stream each rain event just a memory. Visitors on foot or by canoe will now see a restored stream with stable banks. The water quality benefits of the project will improve the health of the Mill Creek not only in the immediate project location, but also downstream through the City of Cincinnati.

### **Implementation Partners**

WPCLF Loan Sponsor:	Board of County Commissioners of Hamilton County, Ohio, administered by Metropolitan Sewer District of Greater Cincinnati (MSDGC)
Implementer/Steward:	Mill Creek Watershed Council of Communities (Council)
Owners/Maintenance:	City of Cincinnati (Cincinnati Park Board), Byer Steel
WRRSP Program Administrator:	Ohio EPA, DEFA
30% Design:	Amec Foster-Wheeler
Final Design:	Stantec
Construction:	Evans Landscaping