

# SULPHUR SPRINGS STREAM RESTORATION

Solon, Ohio

Client  
Chagrin River Watershed  
Partners (CRWP)

Key Services Provided  
Design-Build Services  
Stream Restoration

Project Duration  
June-November 2012

Total Design Fee  
\$4,000.00

Construction Mgmt Fee  
\$0.00

Construction Cost  
\$31,000

Total Project Cost  
\$35,000

## Key Staff

EnviroScience- Prime  
Joel Bingham  
Jeff Niehaus  
Chad Edgar

RiverReach  
Construction



This design-build project was primarily a floodplain restoration project in the headwaters of Sulphur Springs, a cold water brook trout stream in the Cleveland Metroparks South Chagrin Reservation. The area was historically impacted by an in-line earthen dam. This dam had breached many years prior but sedimentation left steep highly erodible banks, absence of riparian vegetation and limited habitat through the approximately 300ft reach. Floodplains and bank slopes were excavated and/or graded to create a more stabilized condition. Woven coconut erosion control matting was installed on newly graded stream banks. Approximately 0.5 acres of wooded riparian corridor was seeded with native floodplain and wetland vegetation. This was followed by numerous native plantings of trees, shrubs, live stakes by volunteer groups.