

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
Julie 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.