



Client: Clifty Creek Watershed Project
Contact: Mr. Steve Rucker

Year: 2006
Project: Green Infrastructure Best Management Practices
Project Type: Design / Build

Natural Stormwater Management preserves natural areas, such as floodplains with a natural vegetation buffer along streams, which slow, filter, and store storm runoff. Natural Stormwater Management practices help control pollution through the use of natural techniques, also known as Green Infrastructure Best Management Practices (GI BMPs). A variety of GI BMPs are effective in filtering stormwater, reducing the speed at which it leaves a site, and reducing the volume of runoff. Some GI BMPs include: infiltration systems, filtration systems, constructed wetlands, retention systems, detention systems, and alternative outlet designs.

Williams Creek Management and Williams Creek Consulting provided design/build services to complete a GI BMP Demonstration Project at the Regional Recycling Facility located within Columbus, Indiana. The project was completed to provide water quality management for the run off from the recycling facility and to serve as a public outreach project to demonstrate the effectiveness of natural systems in improving the overall health of the Clifty Creek Watershed. Specific services Williams Creek Management provided include:

- Installation of .5 acres of native seed
- Net-free blanket for erosion control
- Installation of 9 - 1.5" caliper native trees
- Installation of a stone boulder trail crossing
- Installation of 3,240 native plugs
- Installation of 5 demonstration boxes to restore watershed



Pre-Construction



Post-Construction



Year One