Pre-Existing Conditions:
• Vegetation maintained to edge
• Over-wide stream width
• Slow current
• Gaining water temperatures
• Poor cover and habitat

Construction Measures:
• Constructed floodplain bench defines buffer & isolates play
• 1.5 acres of new buffer zone
• Riffles constructed to protect infrastructure & provide habitat
• Passive and active restoration of stream width and depth

Stream + Course Play:
• Unique course aesthetic
• Enhanced signature holes
• Improved habitat
• Reduced stream temperatures
• Education about resource
• Reduced irrigation

Project Summary:
Completed in 2012, the Brown’s Creek restoration project (which runs through the Oak Glen Golf Course) is most noticeable at holes 10, 15, 16, & 17. The restoration addressed 2,000 feet of the creek & incorporated the planting of 11,000 native plants. The creek, which supports a coldwater fishery including trout and other stream wildlife was restored to its natural context while also meeting the specific playability requirements of the golf course.

Project Benefits:
• Achieved environmental goals while enhancing the golf course
• Reduced stream temperatures by shading and narrowing the creek, critical to improving stream habitat
• Planted stream buffer provides habitat and help to filter pollutants
• Restored stream and signage serve as an educational tool for golfers and the general public

Project Participants:
Property Owner: Oak Glen Golf Course
Design: Emmons & Olivier Resources, Inc.
Funding: MN Clean Water, Land, & Legacy