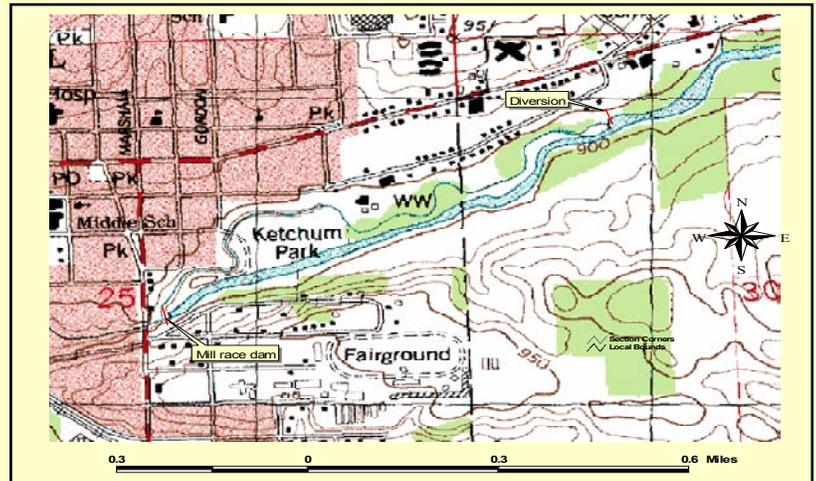
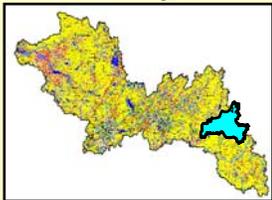


Rice Creek Natural Stream Restoration Project



Historic channel



Mill Race Dam, Ketchum Park



PROJECT SUMMARY:

The goal of this project is to address sedimentation and enhance the inland fishery and other aquatic resources of Rice Creek. This will be accomplished by removing two aged dams and restoring a 0.8 mile mill race and historic channel at Ketchum Park in Marshall, Michigan.

Design parameters will be based on a geomorphic assessment that was conducted for this reach, which involved identifying the causes of stream instability, identifying the morphologic character of the natural form (reference reach), and then working to emulate the natural function, stability and biology of the stream. Restoring this stretch to a stable, natural channel design will result in long-term benefits such as unrestricted spawning access to over 50 miles of stream; reduction of exposed surface water and temperatures for the cold water trout fishery; it will restore sediment transport, macroinvertebrate communities and spawning grounds; and a natural channel design will improve safety and recreational potential for anglers and visitors who enjoy the park.