

**Kleindl Restoration Site
Proposed Wetland Mitigation Site
Browns Valley Flood Mitigation Project
Toqua Township
Section 15, T 124 N, R 47W**

Background

The wetland restoration consists of a ~ 60-acre basin located within Section 15 of Toqua Township, within the Big Stone Lake Watershed (**Attachment 1**). The land is presently owned by Mr. Mark Kleindl. Mr. Kleindl has completed a WRP application for restoration of the wetland. The Upper Minnesota River Watershed District (UMRWD) is proposing to restore this site to provide wetland mitigation for an estimated 10 acres of wetland impact resulting from the Browns Valley Flood Mitigation Project. The UMRWD also plans to bank any excess credits.

Crop History

Historic aerial imagery shows the wetland basin has been successfully crop since 1980 (**Attachment 2**). Hydrology for the proposed wetland restoration has been effectively removed by pumping the wetland basin into a 10-inch tile.

Proposed Mitigation Plan

Plans are to establish a normal water elevation at the approximate elevation of the polygon boundary indicated as “drained” on the National Wetland Inventory map (**Attachment 3**). Expectations are that an estimated 55.2 acres will be restored by establishing the outlet of the wetland at this elevation.

Restoration Timeframe

Restoration of the Kleidl site is anticipated during the fall of 2009.

Best Management Practices

Best Management Practices used during the restoration process will be consistent with those identified by the Minnesota Pollution Control Agency, General Construction Permit.

Vegetative Management

Expectations are that the existing seed-bank within the native soils will be sufficient to restore wetland vegetation. However, a Board of Water and Soil Resources (BWSR) native wet prairie seed mix (W3) may be used to seed the upland buffer and wetland fringe areas.