

## **STATUS REPORT**

These status sheets describe projects and programs that are being implemented in the Red River Basin that assist in carrying out the mission of the Red River Basin Commission.

**Project/Program:**     **WAFFLE STUDY**

**Project Sponsor:**    Energy and Environmental Research Center  
15 North 23rd Street  
PO Box 9018  
Grand Forks, ND 58202-9018  
Phone: (701) 777-5000  
www.undeerc.org

**Project Summary:**

The Energy & Environmental Research Center (EERC) proposes to determine the feasibility of developing a basinwide system for temporary storage of floodwater in the Red River Basin. The mitigation effect (often referred to as the waffle concept) will be accomplished utilizing low-relief fields bounded by country roads in order to temporarily create microstorage pools during major flood events. The fields, raised roads, and drainage structures will potentially act as a network of channels and control structures, and the stored water can be released back into the Red River as the flood crest passes. Although by no means a natural system, the waffle will work with existing infrastructure to mimic the natural systems by slowing the progress of water to the main stem. This will be accomplished in a way that is beneficial to agriculture and does not take agricultural land out of production or off of the tax roles.

**Submitted to RRBC:**

**Plan Management Action:** September, 2003

**RRBC Action:**                     September, 2003

**Follow-up Action:**

Ongoing - RRBC staff attends the quarterly waffle advisory committee meetings



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**Red River Basin Commission**

119 5th St. S • PO Box 66 • Moorhead, MN 56561 • Phone 218-291-0422  
410-283 Bannatyne Ave. • Winnipeg, MB R3B 3B2 • Phone 204-982-7254

**[www.redriverbasincommission.org](http://www.redriverbasincommission.org)**

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