

**McLean County Soil & Water Conservation District
402 North kays Dr., Normal, Illinois 61761 309 452-0830 ext. 3
Dave Bishop, RC**



Tile line Biofilter Installation

This project was designed to address the problem of nutrient loss through tile water in the Lake Bloomington Watershed.

A third generation Biofilter designed by Dr. Richard Cooke, University of Illinois, was installed on the Larry Troyer farm on July 9, 2008. In addition to the cost sharing the installation with CPP (pecial Projects) funds, the City of Bloomington contributed \$1,851.80 to pay for the structure. The Sand County Foundation of Wisconsin has agreed to partner with the City of Bloomington in paying for monitoring and/or monitoring equipment (\$18,000.00) Monitoring of water quality, including nitrate and phosphorus loads, will be conducted on a regular basis in City labs.

The Sand County Foundation has also funded Nutrient Management Planning for the site.

Information gained from this project will contribute to understanding and evaluating the use of biofilters to reduce nutrient loads in tile drainage systems.