



# Accelerated Ground Water Protection Through Irrigation Water Management



## Clean Water Funds: 2013

Clean Water Grant	\$145,000
Leveraged Funds*	\$40,000
Total Project Budget	\$185,000

\* Leveraged Funds include required 25% local match

### Project Sponsor:

Wadena Soil and Water Conservation District

### Grant Period:

January 2013—December 2015

### Project Contact:

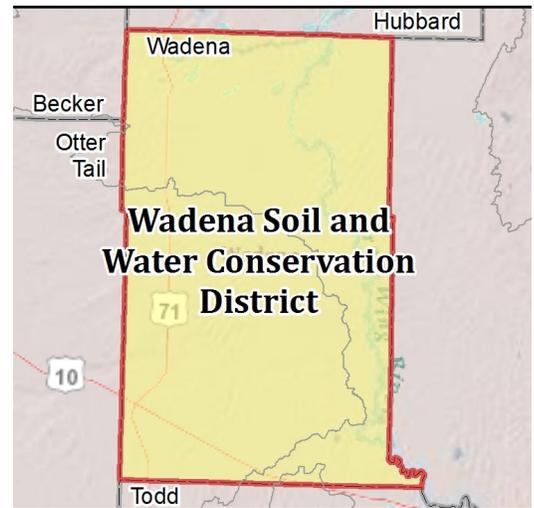
Darren Newville



- AcceleratCWF13-239ed Implementation

## Project Narrative

Most of Hubbard, Todd and Wadena Counties' irrigated acreage consists of highly permeable, low water holding capacity, sandy textured soils overlying shallow and buried sand and gravel aquifers. These aquifers are very susceptible to non-point water quality degradation from land use practices. This project will reduce the amount of nitrates and other water soluble contaminants that are leaching into sensitive sand plain aquifers and help reduce the effects of irrigation on surface water flows by establishing a shared Irrigation Specialist through the three Soil and Water Conservation Districts. This Irrigation Specialist will provide technical assistance and tools to work with local irrigation producers to encourage them to adopt irrigation practices and act as a liaison between local producers and state agencies with groundwater interests.



## Proposed Outcomes:

A shared irrigation technician that will lead to the adoption and understanding of irrigation water management practices. It is estimated that up to 80 fields could be enrolled into an irrigation scheduling program annually.

## Actual Outcomes:

Project in Progress

