MRBI

Mississippi River Basin Initiative

USDA NRCS
United States Department of Agriculture
Natural Resources Conservation Service

North Raccoon

North Raccoon River Watershed: Adaptive Management for Water Quality

Farmers in three small watersheds covering sections of **Greene, Webster, and Dallas Counties** within the North Raccoon River Watershed have the opportunity to receive **higher payment rates** on conservation practices and systems that avoid, control and trap nutrient runoff; improve wildlife habitat; and maintain agricultural productivity.

It's part of a new Initiative – the Mississippi River Basin Initiative (MRBI). The goal of MRBI is to reduce nutrient loading in the Mississippi River Basin, which contributes to both local water quality problems and the hypoxic zone in the Gulf of Mexico.

The natural resource concerns in the Raccoon River Watershed directly relate to the objectives of the MRBI. **Water quality is the top priority of this project.** More specifically - the management of nutrients (nitrate and phosphorus), bacteria, and soil loss, as well as pollution from livestock runoff and storm discharge.

MRBI will be offered now through fiscal year 2013. To enroll, applicants must meet the minimum eligibility requirements of the Environmental Quality Incentives Program (EQIP). Farmers in this MRBI area have a set of core conservation practices to choose from; these are listed on the back page.

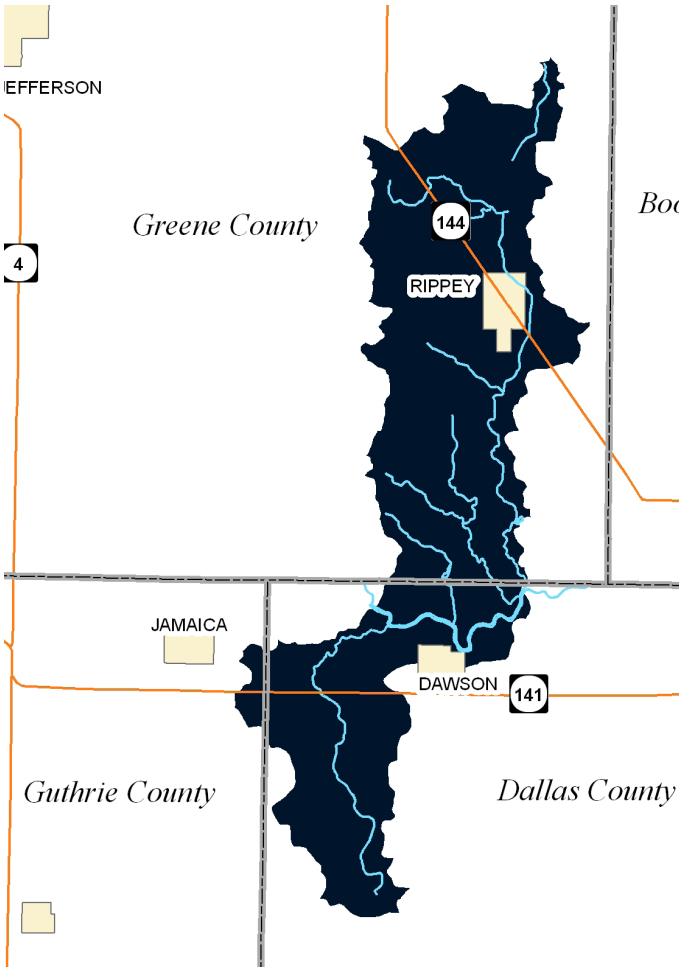
For more information about the North Raccoon River Watershed Project and MRBI, contact the Adel Field Office:

1918 Greene Street, Suite 2
Adel, IA 50003
Phone: 515-993-3413

Farmers in the following North Raccoon River Subwatersheds may be eligible for MRBI funding:

- West Buttrick Creek
- East Buttrick Creek
- Fannys Branch-North Raccoon

Stop by the Adel office if you farm in this area!



USDA is an equal opportunity provider and employer.

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Project Partners:
Greene Soil and Water Conservation District
Dallas Soil and Water Conservation District
Iowa Department of Agriculture and Land Stewardship
Iowa DNR • Agriculture's Clean Water Alliance (ACWA)
Iowa Soybean Association • Des Moines Water Works
USDA-ARS National Lab for Agriculture and the Environment
Subwatershed Landowners and Producers

North Raccoon River Watershed MRBI Conservation Practice and Payment List

Practice	Payment Rate (Additional technical and financial assistance may be available from the MRBI project partners.)
Cover Crop	$79/acre (up to three years)
Denitrifying Bioreactor	$5,999
Residue & Tillage Management, No-till/Strip-till	$22 - $45/acre (up to three years)
Pasture & Hay Planting	$42 - $161/acre
Water and Sediment Control Basin	$1.04 - $2.16/cubic yard
Nutrient Management Plan	$2.66 - $30/acre
Grade Stabilization Structures	$1.46 - $2.32/cubic yard or $270 - $4,500/foot
Grassed Waterways	$1.16 - $2.90/foot
Monitoring and Evaluation	$4,687 - $14,250

Cover Crops

No-till

Denitrifying Bioreactor

Grassed Waterway