

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** GB07-38000-07C

**Name:** MARINETTE COUNTY: VanDeWalle Farm Manure Storage

**Type:** NPS Grant

**Subtype:** Targeted Runoff - Rural Construction

**Status:** COMPLETE

**Start Date:** 1/1/2007

**End Date:** 12/31/2008

**Purpose:** To provide cost-sharing for installation of best management practices to remediate violations of the agricultural performance standards, including direct runoff from a feedlot and manure storage facility into waters of the state, unconfined manure piles in a WQMA, and unlimited livestock access to waters of the state.

**Objective:** The BARNY model for the barnyard estimates a 100.3 pound delivery of phosphorous to the environment. Cattle are maintained on a feedlot whose runoff flows to Bundy Creek. A ditch serves as a direct conduit to the creek. The creek lies 300 feet to the east of the feedlot. Bundy Creek joins Trout Creek and drains to the Peshtigo River.

All clean water on the site will be diverted to avoid contact with animal waste.

**Comments:** Grantee is MARINETTE COUNTY

**Outcome:** All of the practices listed in the application were installed. The barnyard and related practices have resulted in a "zero runoff system." Clean water is now routed to completely avoid areas that contain manure. All manure laden water flows off the barnyard in to the manure storage facility or to the reception tank.

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Grant Awarded		1/1/2007	12/31/2008	COMPLETE
Runoff Grant - Targeted Runoff Rural		1/1/2007	12/31/2008	COMPLETE

Details:	Parameter	Value/Amount	Units	Comments
	Clean Water Diversions in WQMA: Number of animal units for diversions	247		AUs
	Clean Water Diversions in WQMA: Number of farms with diversions	1		Farm
	Clean Water Diversions in WQMA: Pollutant load reduction	100.3		lbs
	Manure Storage Facilities: Number of animal units	247		AUs

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SWIMS Project Summary

Details: Parameter	Value/Amount	Units	Comments
Manure Storage Facilities: Number of new/altered facilities	1		MSF
Nutrient Management on Agricultural Land: Acres planned	350		Acres
Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of Facilities	1		Facility
Prohibition: Direct Runoff from Feedlot/Stored Manure: Number of animal units	247		AUs
Prohibition: Direct Runoff from Feedlot/Stored Manure: Pollutant load reduction	100.3		lbs

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
VanDeWalle Farm - Final Report		Cleereman	12/18/2008	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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5/20/2024

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