

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: 01/01/2007
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.
Comments: All clean water on the site will be diverted to avoid contact with animal waste. 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	End Date	Status
Grant Awarded		01/01/2007	12/31/2008	COMPLETE

Wisconsin Department of Natural Resources SWIMS Project Summary

Action	Detailed Description	Start	End Date	Status
Runoff Grant - Targeted Runoff Rural		01/01/2007	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
	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
------------	------	----------

Assessment Units

WBIC	Segment	Local Name	Official Name
------	---------	------------	---------------

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
-----------	-----------

Methods

Method Code	Description
-------------	-------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
------------	--------	----------	------------	--------------

Documents

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

Wisconsin Department of Natural Resources SWIMS Project Summary

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------