

Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

**Instructions: Your grant agreement requires you to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR. The DNR prefers that Final Reports be submitted in electronic format. If, however, printed copies of Final Reports are submitted, please submit three (3) complete originals to your regional Nonpoint Coordinator.**

**1. Grant Type -- Please check one.**

- Targeted Runoff Management Grant – Agricultural  
 Targeted Runoff Management Grant – Urban  
 Urban Nonpoint Source & Storm Water Management Grant – Construction  
 Urban Nonpoint Source & Storm Water Management Grant -- Planning

**2. Grantee & Project Information**

Project Name <b>Ahnapee River/Schmidt Farms</b>	Grant Number <b>TRC-TK04-15000-03</b>
Governmental Unit Name <b>Door County Soil and Water Conservation Department</b>	Primary Watershed Name and Watershed Code <b>Ahnapee River/TK04</b>
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name <b>Twin Door-Kewaunee</b>	s. 303 (d) Listed Waterbody? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No.

What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)?

**Bacteria, Nitrates, Phosphorus and Sediment**

For **each** project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name (City, Township, Village, etc.)		<b>Town of Forestville</b>				
PLSS	Town	<b>26N</b>				
	Range	<b>25E</b>				
	Section	<b>7</b>				
	Quarter	<b>SE</b>				
	Quarter-Quarter	<b>SE</b>				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		<b>44°, 44', 10"</b>				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		<b>87°, 30', 10"</b>				
Property Owner(s)	Name	<b>S&amp;S Ag Enterprises LLC Randy Schmidt</b>				
	Mailing address	<b>7821 Elm Road Sturgeon Bay, WI 54235</b>				

Site address (Not mailing address)					
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**3. Summary of Results**

**A. Performance Standards and Prohibitions and Other Water Resources Management Priorities**

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application.

**TABLE A. PERFORMANCE STANDARDS AND PROHIBITIONS (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)**

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

**TABLE B. OTHER WATER RESOURCES MANAGEMENT PRIORITIES**

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters ( <i>i.e.</i> , storm water plan, I & E plan, <i>etc.</i> )	Municipalities planned for		
	Acres planned for		
Document/track progress made in implementing the planning product ( <i>i.e.</i> , ordinance, utility district evaluation/formation, storm water management plan information & education, <i>etc.</i> )	Municipalities planned for		
	Acres planned for		

Other (specify)			
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**B. Project Results Narrative**

This project was constructed in the summer of 2003 on a 700 animal unit custom heifer raising operation in one of the headwaters to the Ahnapee River, an impaired waterbody on the 303(d) list.

The project addressed nonpoint pollution from the barnyards and winter applied manure as well as soil loss and sedimentation through nutrient management and installation of riparian buffers.

The BMPs installed were two solid push-in manure storages situated at the end of the existing free stalls and a liquid lagoon designed to store the liquid from the existing buildings and a new free stall constructed by the landowners. In addition, as part of the cost sharing conditions, the Door County SWCD required that leachate from feed storage bunkers be stored in one of the manure storage units and that nutrient management will be implemented.

**4. Satisfaction of Notice Requirements (if applicable)**

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

**5. Summary of Project Challenges**

**6. Additional Information about the Project (optional)**

The landowners on this project were cooperative and invested much of their own money to result in a quality, comprehensive project that addressed water quality concerns in the watershed of this important resource.

S&S Ag Enterprises has since surpassed 1,000 Animal Units and is now Door County's only WPDES farm.

**7. Final Product(s) -- All Projects**

**A. Construction Projects**

A.1. Checking here indicates that a printed copy of project plans and specifications was sent to your DNR Regional Nonpoint Source Coordinator.

A.2. Checking here indicates that photo-documentation of the project's construction is attached.

**B. Planning Projects**

B.1. Checking here indicates that a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

B.2. Checking here indicates that the Regional Nonpoint Source Coordinator has approved the final Planning Product(s).

B.3. Checking here indicates that your governmental unit has adopted the final Planning Product(s).

Name of Planning Document(s)	Date(s) effective	Date Submitted to NPS Coordinator
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**8. Grantee Certification:**

Checking here certifies that, to the best of your knowledge, the information contained in this report is correct and true.

Type or print Name and Title of Authorized Representative certifying here.

**William Schuster, County Conservationist**

Signature of Authorized Representative



Date

1/6/09

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**9. FOR DEPARTMENTAL USE ONLY**

REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- Checking here indicates that you received either planning or construction plans and specifications from the project sponsor, as appropriate. Attach a copy of the approval.
- Checking here indicates that you approved the final construction. Attach a copy of the final construction approval.
- Checking here indicates that you have approved the final Planning Product(s).
- Check here if two (2) signed, original copies of the Final Report and attachments have been sent to Runoff Management Section Grants Coordinator. Note: Regional Nonpoint Source Coordinator may retain one (1) copy of the signed, original Final Report.

Type or print Name of Regional Nonpoint Coordinator

Signature of Regional Nonpoint Coordinator	Date
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