

Final Report Form 3400-189 (rev. 7/30/09)

- Targeted Runoff Management Grant Program (ch. NR 153)
- Notice of Discharge Program (ch. NR 153)
- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

NOTICE: This Final Report is authorized under ss. 281.65 and 281.66., Wis. Stats., and chs. NR 153 and NR 155, Wis. Admin. Code. Personally identified information collected will be used for program administration and may be made available to requesters as required under Wisconsin Open Records Law [ss. 19.31-19.39, Wis. Stats.].

INSTRUCTIONS: Your grant agreement requires you to submit a Final Report with your final reimbursement request. 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 as described in the instructions.

1. GRANT TYPE. Check the one that applies.

<input type="checkbox"/> Targeted Runoff Management Grant – Agricultural	<input checked="" type="checkbox"/> Targeted Runoff Management Grant – Urban
<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Construction	<input type="checkbox"/> Urban Nonpoint Source & Storm Water Management Grant – Planning
<input checked="" type="checkbox"/> Notice of Discharge Grant	

2. PROJECT NAME & LOCATION.

2.1. Project Name: Robert & Cindy Pankratz Farm <i>TLIC</i>		2.2. Grant Number: UW14-71000-N09	
2.3. Governmental Unit Name: Wood County		2.4. Primary Watershed Name: Little EauPleine River	2.5. Watershed Code: CW14

NOTE FOR SECTION 2.6 (which follows):
 Section 2.6. includes five (5) columns (A. through E.) for recording data about five (5) discrete site locations. If your grant has more than five (5) discrete project locations, attach additional columns for Section 2.6 as described in the instructions. If your project occurs in more than one 12-digit Hydrologic Unit Code (HUC), use the space in adjacent columns to record other HUC numbers.

2.6 Site Location(s) →	A.	B.	C.	D.	E.
Name of Cost-Share Recipient or Governmental Unit	Wood County				
Cost-Share Agreement Number (Agricultural only)	NOD-01-2009				
12-Digit Hydrologic Unit Code(s) (HUC) Where Work Was Completed	070700021703				
Nearest Surface Receiving Water Affected					
Name:	Squaw Creek				
Waterbody Identification Code(s) (WBIC):	1420700				
Nearest Impaired Water Affected					
Name:	Squaw Creek				
Waterbody Identification Code(s) (WBIC):	1420700				
Pollutants Reduced	Nutrients & Sediment				
Impairments/Impacts Addressed	Water Quality, Habitat & Erosion				

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Project Location(s) (cont.) →	A.	B.	C.	D.	E.
Project Coordinates:					
Town	25N				
Range	3E				
Section	01				
Quarter	NE				
Quarter-Quarter	NW				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer (SWDV))	44d40'52.5" N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)	90d5'52.5" W				

3. SUMMARY OF RESULTS.

Table A. Agricultural Projects – Ch. NR 151 Performance Standards and Prohibitions and Other Water Resources Management Priorities

A.1. Management Measures	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting "T"	534.9 acres	RUSLE
Manure Storage Facilities: New Construction/Alterations	Number of facilities	1 facilities	Std 313
	Number of animal units	345 animal units	
Manure Storage Facilities: Closure	Number of facilities	1 facilities	Std 360
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	1 facilities	Std 313
	Number of animal units	345 animal units	
Clean Water Diversions in WQMA	Pollutant load reduction	35.4 lbs.	BARNY
	Number of farms with diversions	1 farms	Std 362
	Number animal units	345 animal units	
Nutrient Management on Agricultural Land	Acres planned	534.9 acres	Std 590
Prohibition: Manure Storage Overflow	Number of farms	1 farms	Visual/Documentation
	Number of animal units	345 animal units	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	1 farms	Visual/Documentation
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	72 lbs.	BARNY
	Number of facilities	1 facilities	Std 561 & 350
	Number of animal units	345 animal units	
Prohibition: Unlimited Livestock Access	Feet of bank protected	feet	
	Number of farms	farms	

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Table A: Agricultural Projects (continued)			
A.2. Other Management Measures			
	Units of Measure	Quantity	Measurement Method Used
Streambank & Shoreline Protection	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		
Other:	Units (use feet, acres or number as applicable)		
	Pollutant load reduction (if method available)		

Table B: Urban Construction Projects Serving Developed Areas			
B.1. Required Management Measures			
	Units of Measure	Quantity	Measurement Method Used
20-40% Total Suspended Solids (TSS) Reduction for NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
B.2. Other Management Measures			
20-40% Reduction in TSS for non-NR 216 communities	TSS reduced	lbs.	
	TSS reduction	%	
Infiltration	Pre-development stay-on volume	%	
	Stay-on volume	ft ³ /year	
Peak flow discharge for 2 year/24 hour design storm	Change in cubic feet per second for design year	ft ³ /sec	
Protective areas	Bank protected	feet	
Fueling & maintenance areas	Oily sheen presence reduced	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Streambank & Shoreline Protection	Bank erosion reduced	tons	
	Bank protected	feet	
Other:	Pollutant load reduction (if method available)		
	Units (use feet, acres or number as applicable)		

Table C: Urban Planning Projects			
C.1. Governmental unit(s) involved (list by name):			
C.2. Estimate total acres covered by the	Existing Developed Urban Areas	New Development	Total Acres

- Targeted Runoff Management Grant Program (ch. NR 153)
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- Urban Nonpoint Source & Storm Water Management Grant Program (ch. NR 155)

planning product:	acres	acres	acres
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C.3. Products developed (check all below that apply)	Identify Documents by Name (if applicable)
<input type="checkbox"/> Storm Water Plan	
<input type="checkbox"/> Construction or Erosion Ordinances	
<input type="checkbox"/> Post-construction Storm Water Ordinances	
<input type="checkbox"/> Other Types of Storm Water Quality Ordinances	
<input type="checkbox"/> Financing Methods: identified and evaluated	
<input type="checkbox"/> Financing Methods: developed or implemented	
<input type="checkbox"/> I & E Plan	
<input type="checkbox"/> I & E Implementation Activities	
<input type="checkbox"/> Other:	
C.4. Identify the Storm Water goals addressed (check all that apply)	
<input type="checkbox"/> Reduce TSS	Comments:
<input type="checkbox"/> Maintain infiltration	
<input type="checkbox"/> Control Peak Flow	
<input type="checkbox"/> Protective Areas	
<input type="checkbox"/> Control of Fueling & Maintenance Areas	
<input type="checkbox"/> Remove Illicit Discharges	
<input type="checkbox"/> Other:	

4. Satisfaction of Notice Requirements. If cost sharing for this project was offered under a formal notice pursuant to chs. NR 151 or 243, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
Chs. NR 151 or 243 Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
NR243 & NR151	Sept. 9, 2009	Terence Kafka	Robert & Cindy Pankratz	<input checked="" type="checkbox"/>	<input type="checkbox"/>	July 14, 2011
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

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5. Additional Information. (Space will expand to fit your text.)

6. Summary of Project Challenges. (Space will expand to fit your text.)

7. Grantee Certification.

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

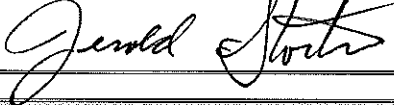
Name of Authorized Representative (type or print) ↓

Jerold Storke

Title of Authorized Representative (type or print) ↓

County Conservationist

Signature of Authorized Representative



Date

7/11/2011

8. For Departmental Use Only.

Regional NPS Coordinator – Please complete the following:

8.A. Check here if you have received the following from the project sponsor:

- one (1) printed, signed, original Final Report + attachments
- one (1) electronic version of Final Report.

Send the printed, signed original Final Report with attachments + electronic version to the Community Financial Assistance Grants Manager. Community Financial Assistance will forward to Runoff Management Section Grants Coordinator.

8.B. Comments about this project:

8.C. Type or print Name of Regional NPS Coordinator →

Karen S. Voss

8.D. Signature of Regional NPS Coordinator



8.E. Date

7/18/2011

Robert and Cindy Pankratz Farm

Before Pictures



Concrete feedlot with direct runoff to surface waters



Unconfined manure stack leaching and running off to surface waters



Another picture of unconfined stack area



Over flowing waste storage facility



Direct overflows from storage



Manure flow to surface waters



Earthen lot with direct discharges



Earthen lot with farmstead tributaries flowing across them



Direct discharge of concrete feedlot

Robert and Cindy Pankratz Farm

After Pictures



Heavy use protection – Increased and confined stacking area with a curb and shaped the flow to run into long term storage. Zero discharge.



Viewing both concrete feedlots which are 100% contained with runoff being collected and pumped to long term storage. Zero discharge.



Feet lot #1 – Heavy use protection stacking area to scrape upper young stock housing and barnyard scrapings. The liquids and some solids are collected in a reception tank under the barnyard and pumped to long term storage. Zero discharge.



Farmstead runoff was partially redirected with a diversion ditch and the remainder of the runoff is redirected through this surface inlet and underground outlet. Clean water is transferred under the barnyard.

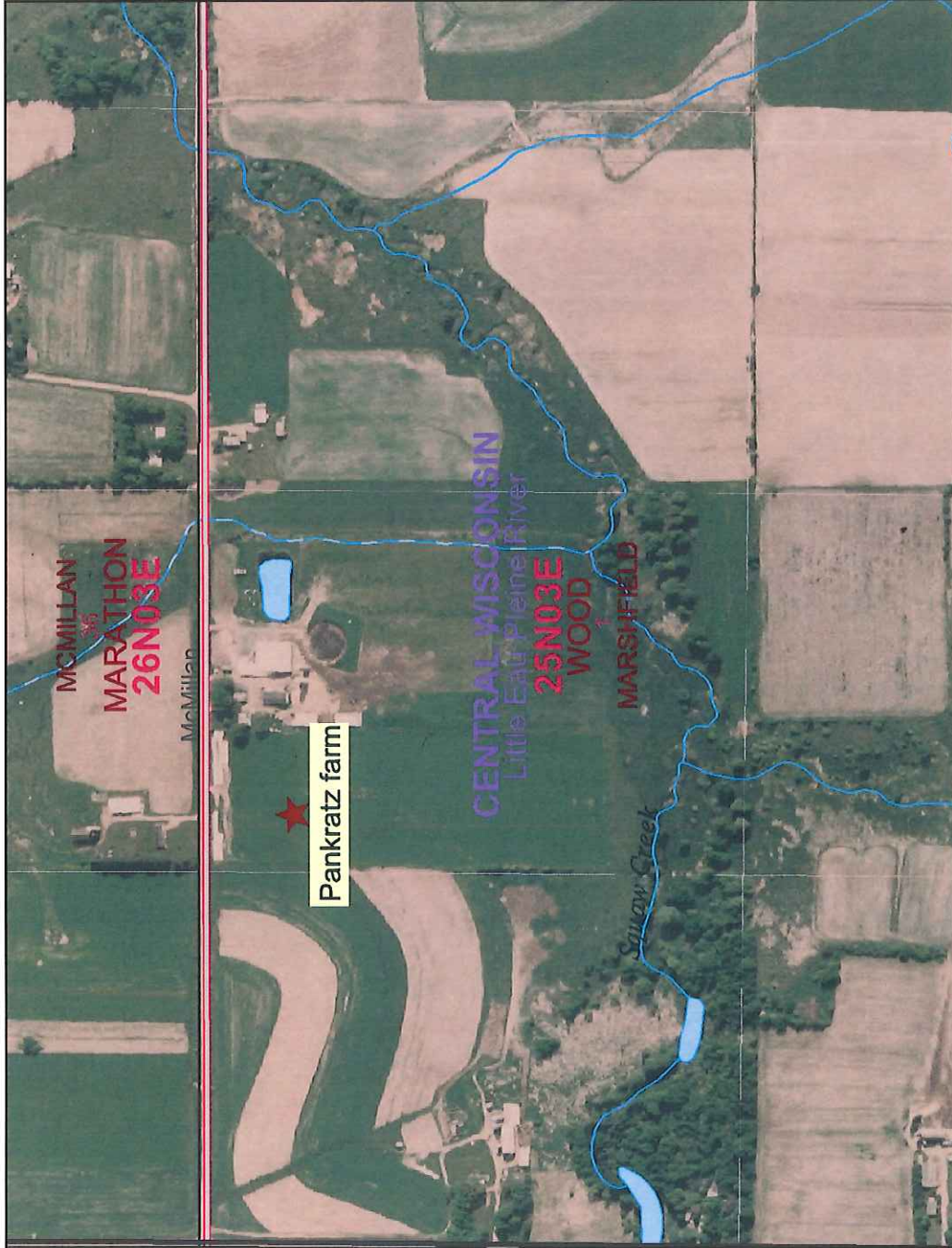


Viewing the newly constructed waste-storage facility and concrete barnyard with scrape off point from barnyard to long term storage. The pit has a clay liner.



The newly constructed barnyard slopes to low corner where a sump and pump transfer waste to the waste storage facility.

Wood Co Pankratz Farm Mar 30, 2009



Legend

- Outstanding and Exceptional Waters**
- Exceptional
 - Outstanding
 - Impaired Waters Lines
 - Impaired Waters Areas
 - Major Highways
 - Interstate
 - State Highway
 - U.S. Highways
 - County Roads
 - Local Roads
 - 24K County Boundaries
 - PLSS Townships
 - PLSS Sections
 - PLSS Q-Q Sections
 - DNR Water Mgmt Units
 - 24K Watersheds
 - Civil Towns
 - Civil Town
 - 24K Open Water
 - 24K Rivers and Shorelines
 - Intermittent
 - Fluctuating
 - Perennial
 - Cities and Villages
 - Village
 - City



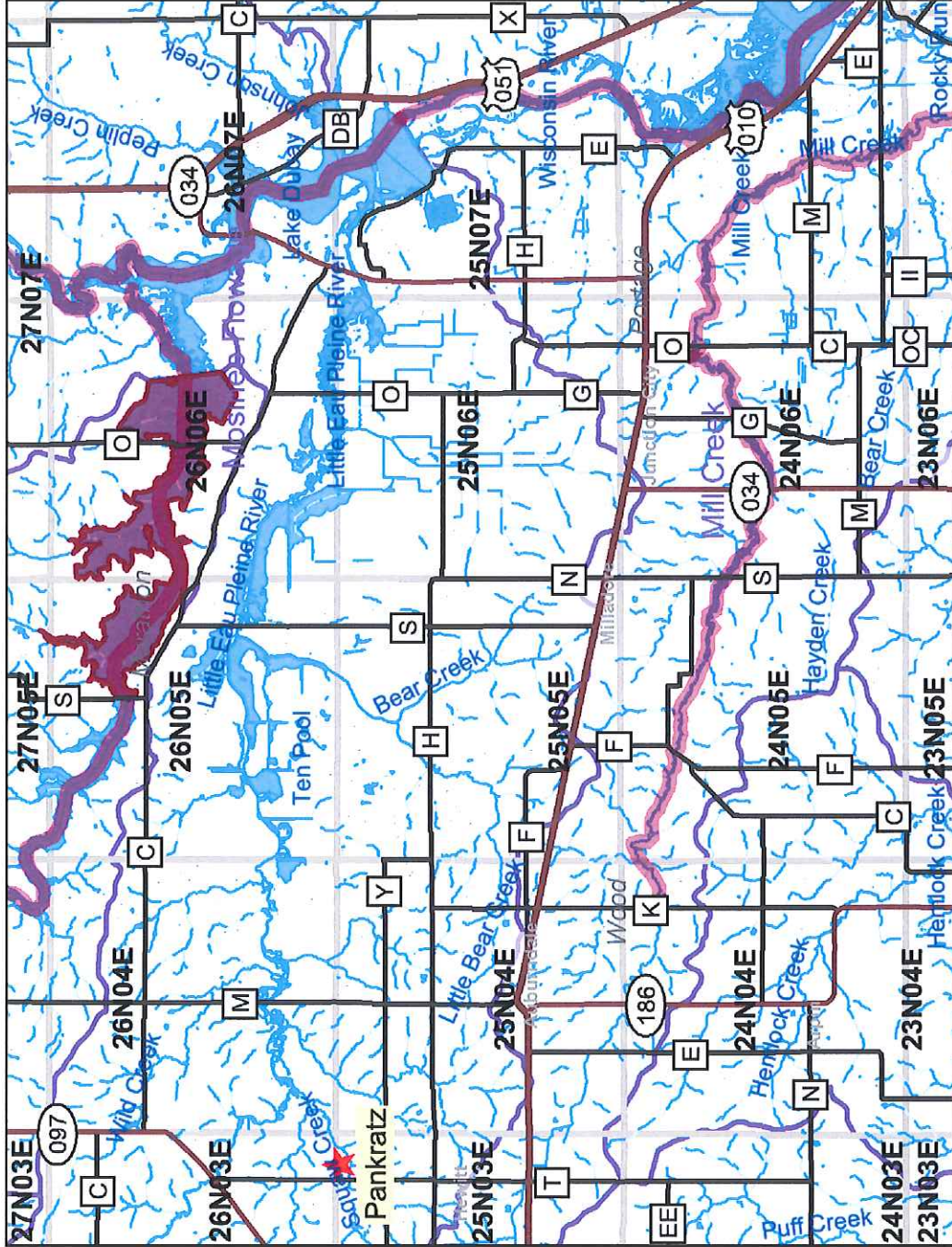
Scale: 1:7,000

0 700 1400 2100 ft.

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Wood County T25N R3E s.1 NE of NW Pankratz farm

Pankratz CW 14 on Apr 13, 2009



Legend

- Major Highways**
 - Interstate
 - State Highway
 - U.S. Highways
 - County Roads
- Outstanding and Exceptional Waters**
 - Exceptional
 - Outstanding
 - WADRS 303d Flag Lines
 - WADRS 303d Flag Areas
- Rivers and Streams**
 - Intermittent
 - Fluctuating
 - Perennial
- PLSS Townships**
- County Boundary**
- Municipalities**
 - Village
 - City
- DNR Water Mgmt Units**
- 24K Watersheds**

Scale: 1:224,999



This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: Pankratz in CW 14
Wisconsin River on 303d for Hg, contaminated sediments



Wood County
WISCONSIN

LAND CONSERVATION
DEPARTMENT

July 11, 2011

Robert & Cindy Pankratz
7549 East McMillan Street
Marshfield, WI 54449

Subject: Standards Compliance from Grant Activity under Grant # UW14-71000-N09

Dear Mr & Mrs. Pankratz,

Thank you for your most recent efforts to improve and protect our state's water resources. This letter is to acknowledge that you have successfully implemented nonpoint source pollution control best management practices on your farm under cost-share agreement #NOD-01-2019. Installing practices under this cost share agreement has brought you into compliance with performance standards and prohibitions as described in the table below. The Land Conservation Department has additional information on file that identifies the precise locations of croplands and livestock facilities where compliance has been achieved.

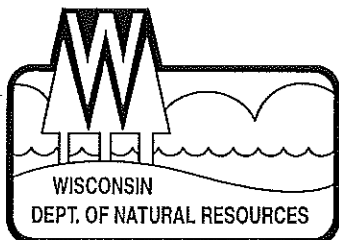
Name and Citation of Standard/Prohibition	Identification of Parcel Where Compliance Was Achieved
NR 151.05(3) Manure storage closure	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.05(2) New manure storage construction	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.06(2) Clean water diversion	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.08(2) No manure storage overflow	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.08(3) No unconfined manure piles	All of WQMA on farm
NR 151.08(4) No direct runoff	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.08(5) No unlimited livestock access	Farmstead T25N, R3E S. 01 NE ¼, NW¼,
NR 151.02 Sheet, rill and wind erosion	All cropland
NR 151.07 Nutrient management	All cropland

In accordance with ch. NR 151, Wis. Adm. Code, any cropland practice or livestock facility that is brought into compliance with a state performance standard or prohibition must remain in compliance regardless of whether cost-sharing is provided to the owner or operator. Since you are now deemed in compliance with state standards and prohibitions as identified above, it is imperative that you and any future landowners or operators maintain compliance with them. If you have any further questions, please contact Shane Wucherpfennig at (715) 421-8578 or email: swucherpfennig@co.wood.wi.us.

Sincerely,

Jerold Storke
County Conservationist

Cc: Karen Voss, DNR Regional Coordinator
Tim Parsons, DNR-Madison, CFA/2



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary

West Central Region Headquarters
1300 W. Clairemont Avenue
PO Box 4001
Eau Claire, Wisconsin 54702-4001
Telephone 715-839-3700
FAX 715-839-6076
TTY 715-839-2786

July 14, 2011

Robert and Cindy Pankratz
7549 East McMillan Street
Marshfield, WI 54449

Subject: Satisfaction of Notice of Intent to Issue Notice of Discharge, Category I

Dear Mr. and Mrs. Pankratz:

The purpose of this letter is to acknowledge that you have implemented the necessary corrective actions to comply with the following:

Notice Type	Date Notice Issued	Operation Location
Notice of Intent to issue Notice of Discharge-Category I	September 9, 2009	T25N, R3E, S 1, NE ¼ of NW ¼

You received this Notice of Intent to issue a Notice of Discharge because of evidence of discharge from an overflowing manure storage structure as well as concentrated flow discharge from open lots into Squaw Creek. Your NOI required that you take corrective measures to resolve the discharges from your livestock facility. Some actions you took to comply with this NOI included installation of a manure storage and transfer system, heavy use protection, and implementation of a nutrient management plan approved by the Wood County Land Conservation Department.

Please be aware that if you fail to maintain the corrective actions that you have taken to comply with your NOI, the Department of Natural Resources will issue a Notice of Discharge. If you do not comply with the NOD, the Department may take enforcement action under state law, including referral to the Department of Justice pursuant to s. 283.89, and/or you may also be issued a WPDES permit.

Your efforts in this matter have contributed to improved water quality within the Little Eau Pleine River Watershed. If you have any further questions or concerns, please contact me at (715) 839-3746.

Sincerely,

Karen Voss
Nonpoint Source Coordinator, West Central Region

cc: Tom Bauman, DNR-Madison WT/2
Shelley Warwick, DNR-Madison WT/2
Lisa Schultz, DATCP, Madison
Scott Watson, DNR Basin Supervisor, Wausau
Shane Wucherpennig, Wood County Land Conservation Department
Jerry Storke, Wood County Conservationist