State of Wisconsin
Department of Natural Resources

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Final Report (CY 2003 Grants and Prior)

Targeted Runoff Management Grant Program and Urban Nonpoint Source and Storm Water Management Grant Program

Form 3400-189P (R 11/05)

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: The grant agreement requires grantees 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.

1. Grant Type

☐ Agricultural - Targeted Runoff Management Grant

☒ Urban - Targeted Runoff Management Grant IMPLEMENTATION GRANT

☐ Construction - Urban Nonpoint Source & Storm Water Management Grant

☐ Planning - Urban Nonpoint Source & Storm Water Management Grant

2. Grantee & Project Information

Project Name	Grant Number
Camp & Center Lakes TRM Project	**TRC-FX02-30400-03**
Governmental Unit Name	Governmental Unit Type (city, village, town, etc.)
Camp & Center Lakes Rehabilitation District (CCLRD)	**Lake Rehabilitation District**
Watershed Name	Watershed Code
Lower Fox River-Illinois	**FX02**
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)
Fox (IL)	

s. 303(d) Waterbody? ☐ Yes ☒ No

What pollutant(s) were addressed by the project?

The project was directed at reducing shoreline eroision & sediment being delivered into Camp Lake and Center Lake.

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

Location		A	B	C	D	E
Minor Civil Division Name		**Salem Township**	**Salem Township**	**Salem Township**	**Salem Township**	
PLSS	Town	**T. 1 N.**	**T. 1 N.**	**T. 1 N.**	**T. 1 N.**	
	Range	**R. 20 E.**	**R. 20 E.**	**R. 20 E.**	**R. 20 E.**	
	Section	**28**	**21**	**21**	**15**	
	Quarter	**2 (NW1/4)**	**3 (SW1/4)**	**3 (SW1/4)**	**3 (SW1/4)**	
	Quarter-Quarter	**1 (NE1/4 of NW1/4)**	**4 (SE1/4 of SW1/4)**	**4 (SE1/4 of SW1/4)**	**3 (SW1/4 of SW1/4)**	
Latitude Longitude		**88° 8'17.4"W**	**88° 8'30.0"W**	**88° 8'21.5"W**	**88° 7'25.0"W**	
Longitude Latitude 2/28/2006		**42° 31'26.5"N**	**42° 31'39.8"N**	**42° 31'30.0"N**	**42° 32'21.4"N**	
Property Owner(s)	Name	**Michael Marchuk**	**Camp Lake Oaks Improvement Association**	**Joseph & Linda Gattuso**	**Kenneth & Darlene Hansen**	
	Mailing address	**29610 52nd Street Salem, WI 53168**	**PO Box 44 Camp Lake, WI 53109**	**667 Ridgewood Dr. Antioch, IL 60002**	**26015 93rd Street Salem, WI 53168**	
Site address *(if different than mailing address)*		**26937 104th Street Trevor, WI 53179**	**272nd Avenue Camp Lake, WI**	**27007 101st Street Trevor, WI 53179**		

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. For grants issued prior to calendar year 2006, complete Tables A and B, *to the best of your knowledge*, 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) **Shoreline Protection**	**Feet of bank protected**	**850**	**count**
III. Planning	**Units of Measure**	**Quantity**	**Measurement Method Used**
Quantify how implementation of the planning project decreased storm water impacts on state waters (*i.e.*, storm water plan, I & E plan, *etc.*)	Municipalities planned for	—	
	Acres planned for	—	
Document/track progress made in implementing the planning product (*i.e.*, ordinance, utility district evaluation/formation, storm water management plan information & education, *etc.*)	Municipalities planned for	—	
	Acres planned for	—	
Other (specify)		—	

B. Project Results Narrative

Four shoreline protection projects were completed with TRM Grant cost-share dollars. Three of these were on Camp Lake, and one on Center Lake. These projects resulted in protecting 850 feet of shoreline. Of this total, 460 feet utilized bio-engineering stablizing techniques (bio-logs and vegetation). The remaining footage involved rock rip-rap. All of the projects included the installation of on-shore buffers, vegetated with native plants. In reducing shoreline sediment delivery, we have helped to address some of the water quality issues outlined in the Camp & Center Lakes Priority Watershed Plan. Among these are turbidity and low water clarity, loss of fish and wildlife habitat, periodic low dissolved oxygen levels, and excessive nuisance aquatic vegetation.

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		
				Satisfied?		
Notice Type	Issue Date	From (Name)	To (Name)	Yes	No	Date Letter Sent
				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

5. Summary of Project Challenges

One of our biggest challenges has been in addressing the ice push problem on our lakes, Camp Lake in particular. It has been difficult to find a solution that successfully deals with this situation, and upon which everyone can agree. Trying to get landowners, designers, contractors, and DNR personnel all on the same page was sometimes a difficult undertaking, but successfully accomplished.

6. Additional Information about the Project (optional)

7. Planning Product (UNPS&SW - Planning Projects only)

☐ Check here if a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

Name of Document	Date(s) effective	Date Submitted to NPS Coordinator

8. Grantee Certification

☒ Check here to certify 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.	Date
Suzanne Nelson, Watershed Project Administrator	**February 22, 2006**