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State of Wisconsin
Department of Natural Resources

dnr.wi.gov

Final Report

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

Form 3400-189 (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

☒ Construction - Urban Nonpoint Source & Storm Water Management Grant

☐ Planning - Urban Nonpoint Source & Storm Water Management Grant

2. Grantee & Project Information

Project Name	Grant Number
Pike River Shoreline - Phase 3	**USC-SE02-52008-04**
Governmental Unit Name	Governmental Unit Type (city, village, town, etc.)
Village of Mt. Pleasant	**village**
Watershed Name	Watershed Code
Pike River	**SE02**
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)
Root/ Pike	**1900**

s. 303(d) Waterbody? ☒ Yes ☐ No

What pollutant(s) were addressed by the project?

Suspended Solids

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

Location:		A	B	C	D	E
Minor Civil Division Name		**Mount Pleasant**				
PLSS	Town	**3N**				
	Range	**22E**				
	Section	**14**				
	Quarter	**SW**				
	Quarter-Quarter	**NE**				
Latitude		**87deg 52' 5"W**				
Longitude		**42deg 43' 7"N**				
Property Owner(s)	Name	**Village of Mt. Pleasant**				
	Mailing address	**6126 Durand Avenue, Racine WI 53406**				
Site address *(if different than mailing address)*						

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	0	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	0	each
	Number of animal units	0	each
Manure Storage Facilities: Closure	Number of facilities	0	each
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	0	each
	Number of animal units	0	each
Clean Water Diversions in WQMA	Pollutant load reduction	0	each
	Number of farms with diversions	0	each
	Number animal units	0	each
Nutrient Management on Agricultural Land	Acres planned	0	acres
Prohibition: Manure Storage Overflow	Number of facilities	0	each
	Number of animal units	0	each
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	0	each
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	0	TSS
	Number of facilities	0	each
	Number of animal units	0	each
Prohibition: Unlimited Livestock Access	Feet of bank protected	0	feet
	Number of farms	0	each
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		applicable but not quantified
	% TSS reduction		applicable but not quantified

Table B. Other Water Resources Management Priorities

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected	n/a	feet
	Number of farms	n/a	each
Streambank	Tons of bank erosion reduced	n/a	tons
	Feet of bank protected	0	feet
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		applicable but not quantified
	% TSS reduction		applicable but not quantified
Infiltration	% Pre-development stay-on volume	n/a	
	Cubic feet stay-on volume	n/a	
Peak flow discharge	Change in cubic feet per second	n/a	
Protective areas	Feet of bank protected	6000	feet
Fueling & maintenance areas	Oily sheen presence	n/a	
Streambank	Tons of bank erosion reduced		applicable but not quantified
	Feet of bank protected	6000	feet
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.e.*, storm water plan, I & E plan, *etc.*)	Municipalities planned for	n/a	
	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	n/a	
	Acres planned for	n/a	
Other (specify)			

B. Project Results Narrative

Construction of Phase 3 of the Pike River Restoration Project has been completed. Construction of the project followed WDNR approved plans and issued Chapter 30 permit. Overall project goal(s) inlcuded the prevention of stream bank erosion by 1) Widening the existing bench, flattening the side slopes, and using bank stabilization treatments along with the creation of a native vegetation buffer strip, and providing end of pipe measures such as rip-rap.

The project was built, as planned, to achieve these goals. Continuous monitoring of the stream habitat and water quality is being perfomed by the University of Wisconsin - Milwaukee Department of Biological Sciences in partnership with the Village of Mt. Pleasant. Monitoring consists of istream YSI Sonde instruments used to guage water quality and acquatic habitat surveys performed by UWM. From the previous upstream phases (1 and 2) the monitoring indicates that the project is on track to meet the intented goals of improved water quality and acqatic habitat which were established by the Village and WDNR in a cooperative effort.

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
N/A				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

5. Summary of Project Challenges

The project offered several challenges, including working in developed corridor with nearby existing residential and commercial properties. This included land acquisition from adjacent landowners. This challenge also offered a unique opportunity to educate property owners about the project and it's benefits.

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
N/A		

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.

Sonny K. Havn, Storm Water Drainage Utility District President

Signature of Authorized Representative	Date
SKH	1-3-06

PIKE RIVER – PHASE 3

@ AT STH 20

Pike River - Phase 3

- North end of project

PIKE RIVER - PHASE 3

- Looking South TOWARDS OAKES ROAD CROSS CULVERTS