

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 Northeast Stormwater Management Planning	Grant Number USP-LR11-54221-04
Governmental Unit Name Edgerton	Governmental Unit Type (city, village, town, etc.) City
Watershed Name Lower Koshkonong Crk	Watershed Code LR 11-012
DNR Water Management Unit (River System) Name Lower Rock	Water Body Identification Code (WBIC) (if applicable)

s. 303(d) Waterbody? Yes No

What pollutant(s) were addressed by the project?

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

Location:		A	B	C	D	E
Minor Civil Division Name		Edgerton	Edgerton			
PLSS	Town	05N	04N			
	Range	12E	12E			
	Section	34	3			
	Quarter	SE	NE			
	Quarter-Quarter	SE	NE			
Latitude		89 3'21"W	89 3' 14" W			
Longitude		42 50' 55"N	42 50" 41"N			
Property Owner(s)	Name	Steve and Julie Hanewall	Jim Kienbaum			
	Mailing address	10 State Rd Hwy 51 Edgerton, WI 53534	38 Thronson Drive Edgerton, WI 53534			
Site address <i>(if different than mailing address)</i>						

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	355	Planning Area
Manure Storage Facilities: New Construction/Alterations	Number of facilities		n/a
	Number of animal units		n/a
Manure Storage Facilities: Closure	Number of facilities		n/a
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		n/a
	Number of animal units		n/a
Clean Water Diversions in WQMA	Pollutant load reduction		n/a
	Number of farms with diversions		n/a
	Number animal units		n/a
Nutrient Management on Agricultural Land	Acres planned		n/a
Prohibition: Manure Storage Overflow	Number of facilities		n/a
	Number of animal units		n/a
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		n/a
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		n/a
	Number of facilities		n/a
	Number of animal units		n/a
Prohibition: Unlimited Livestock Access	Feet of bank protected		n/a
	Number of farms		n/a
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	191688	Est. from SLAMM eval.
	% TSS reduction	98	Exceptional due to large basin sizes

Table B. Other Water Resources Management Priorities

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		n/a
	Number of farms		n/a
Streambank	Tons of bank erosion reduced		n/a
	Feet of bank protected		n/a
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced	191688	Estimate from SLAMM Eval.
	% TSS reduction	98	on-site
Infiltration	% Pre-development stay-on volume		on-site
	Cubic feet stay-on volume		on-site
Peak flow discharge	Change in cubic feet per second	0	Decrease due to Pond Storage
Protective areas	Feet of bank protected		n/a
Fueling & maintenance areas	Oily sheen presence		n/a
Streambank	Tons of bank erosion reduced		n/a
	Feet of bank protected		n/a
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	80	80% reduction SLAMM Eval.
	Acres planned for	355	Planning Area
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		Wet-Pond Construction
	Acres planned for	355	Planning Area
Other (specify)			

B. Project Results Narrative

- 1. Project Accomplishments: Post Project Summary:** The product of the project is the creation of the Stormwater Management Plan Northeast Area.
- a. Nonpoint pollution sources the project targeted: developing areas, large developed areas such as business parks and parks, streets with street cleaning and de-icing compounds, and uses with high pollution potential.
 - b. Water quality needs addressed: development pressures in the watershed creates a need to plan and ultimately install water quality improvements. The Northeast area is also tributary to an existing storm sewer system that has limited capacity.
 - c. Planning activities completed:
 - 1. Inventory basin and map sub-watersheds
 - 2. Sampled and analyzed soils
 - 3. Defined stormwater management facilities needed
 - 4. Determined effect of development on stormwater quality
 - 5. Determined pollutant reduction expected
 - 6. Developed alternatives, select alternative, provide cost estimates
 - 7. Provided plans for facilities to meet water quality goals to reduce pollutants by 80%, control the 2 year flow, meet NR 151, improve sediment problem 303d
 - 8. Developed best management practices and layouts in order to implement
 - 9. Documented performance of BMP using SLAMM, POND2 and TR55.

b. **Information and Education Activities:** The City met with all of the property owners in the watershed to explain the planning process and the importance of stormwater and erosion planning. Staff has met with and will continue to meet with landowners seeking to develop within the watershed. The creation of development plans by developers, the review development plans and implementation of the plan provides an educational opportunity for developers. City staff who are responsible for street maintenance and parks are more informed about the effects their activities have on water quality. The City has and will continue to use the quarterly newsletter that is distributed to all utility customers to educate the public of the effects their actions have on water quality. The middle school students will be spraying stenciling many stormwater inlets indicating no dumping. Elected officials and staff are more informed of stormwater management through the development and adoption of updated ordinances and the Stormwater Plan.

c. Implementation and Enforcement Activities:

- 1. Erosion control and stormwater ordinances are in place. (see attached) Amended April 17, 2006
- 2. Pollution prevention I and E program. See #2 above. (ongoing)
- 3. Nutrient Management Plan for municipally owned properties over 5 acres: The city does not fertilize any public lands.
- 4. Stormwater permit tracking system: See attached permit application and checklist. (2005)

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

The plan recommends the design and ultimate construction of regional retention basins that will serve several properties. One challenge in creating the plan was to design a basin that can be constructed in phases so that as land develops in the watershed, the pond can be expanded incrementally. The most significant challenges we will face will be in the creation of the stormwater facilities described in the plan because the facility is a regional facility. Several property owners will be served by the basin so it will require cooperation by various parties to implement the regional basin. These landowners currently do not all live within the current city boundaries therefore cooperation with the Town of Albion will be needed also.

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
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8. Grantee Certification:

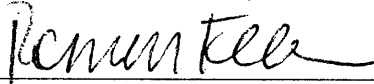
Check here to certify that, to the best of your knowledge, the information contained in this report is correct and true.

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

Ramona Flanigan, City Administrator

Signature of Authorized Representative

Date



7.31.06