

Final Report

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

Form 3400-189 (R 6/08)

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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 Meadowcliff Pond	Grant Number USC-UF-02-08179-05
Governmental Unit Name Village of Sherwood	Primary Watershed Name and Watershed Code
Nearest Water Body Name	Nearest Water Body Identification Code (WBIC) (if applicable)
DNR Water Management Unit (River System) Name Nearest Water Body Name = Lake Winnebago / East	s. 303 (d) Listed Waterbody? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No. WBIC = UF02-111
What pollutant(s) were addressed by the project (e.g., nitrogen, phosphorus, sediment, thermal control, etc.)? Sediment, Phosphorus	

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.)		Village of Sherwood				
PLSS	Town	20N				
	Range	18E				
	Section	25				
	Quarter	NW				
	Quarter-Quarter	SE				
Latitude (degrees, minutes, seconds North of Equator; use the DNR's Surface Water Data Viewer, SWDV)		44°10'28.9"N				
Longitude (degrees, minutes, seconds W of Prime Meridian, use the SWDV)		88°17'24.2"W				
Property Owner(s)	Name	Village of Sherwood				
	Mailing address	P.O. Box 279 Sherwood, WI 54169-0279				

Site address (Not mailing address)	Golf Course Rd Approx. 900 ft. North of the Intersection w/State Park Rd				
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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	10511	SLAMM
	% TSS reduction	80	

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)	Phosphorus Removal	50	SLAMM
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	Municipalities planned for		

planning product (i.e., ordinance, utility district evaluation/formation, storm water management plan information & education, etc.)	Acres planned for		
Other (specify)			

B. Project Results Narrative

The Village of Sherwood purchased land, designed and constructed the Meadowcliff Pond. The Meadowcliff Pond reduces non-point source pollution prior to discharging to the Village's storm sewer system (MS4) and ultimately to Lake Winnebago. The project was designed using SLAMM V9.1.1 and SWMM in November 2005. The pond provides 80% TSS removal and 50% removal of phosphorus, as was indicated in grant application. The Village also developed a construction erosion control ordinance and a post-construction runoff ordinance. Both ordinances were adopted the Village Board and became effective on March 24, 2008.

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

Purchasing the property and working to satisfy the property owners requests took much time and effort. Adjustments to the project occurred during design and construction to accommodate property owners and Village residents. In July/August 2006 the Meadowcliff Pond grant project was amended to include additional storm sewer work to address low areas adjacent to the fill property.

8. Additional information about the Project (optional)

The grant coordinators were very accomodating in dealing with project questions and reviewed information in a timely manner.

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

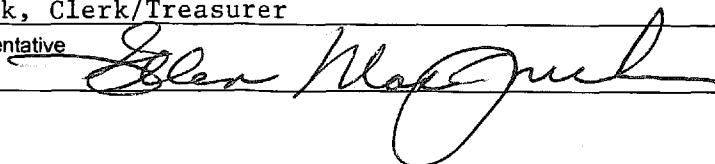
8. Grantee Certification:

- ☒ 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.

Ellen Maxymek, Clerk/Treasurer

Signature of Authorized Representative



Date

April 30, 2009

9. FOR DEPARTMENTAL USE ONLY

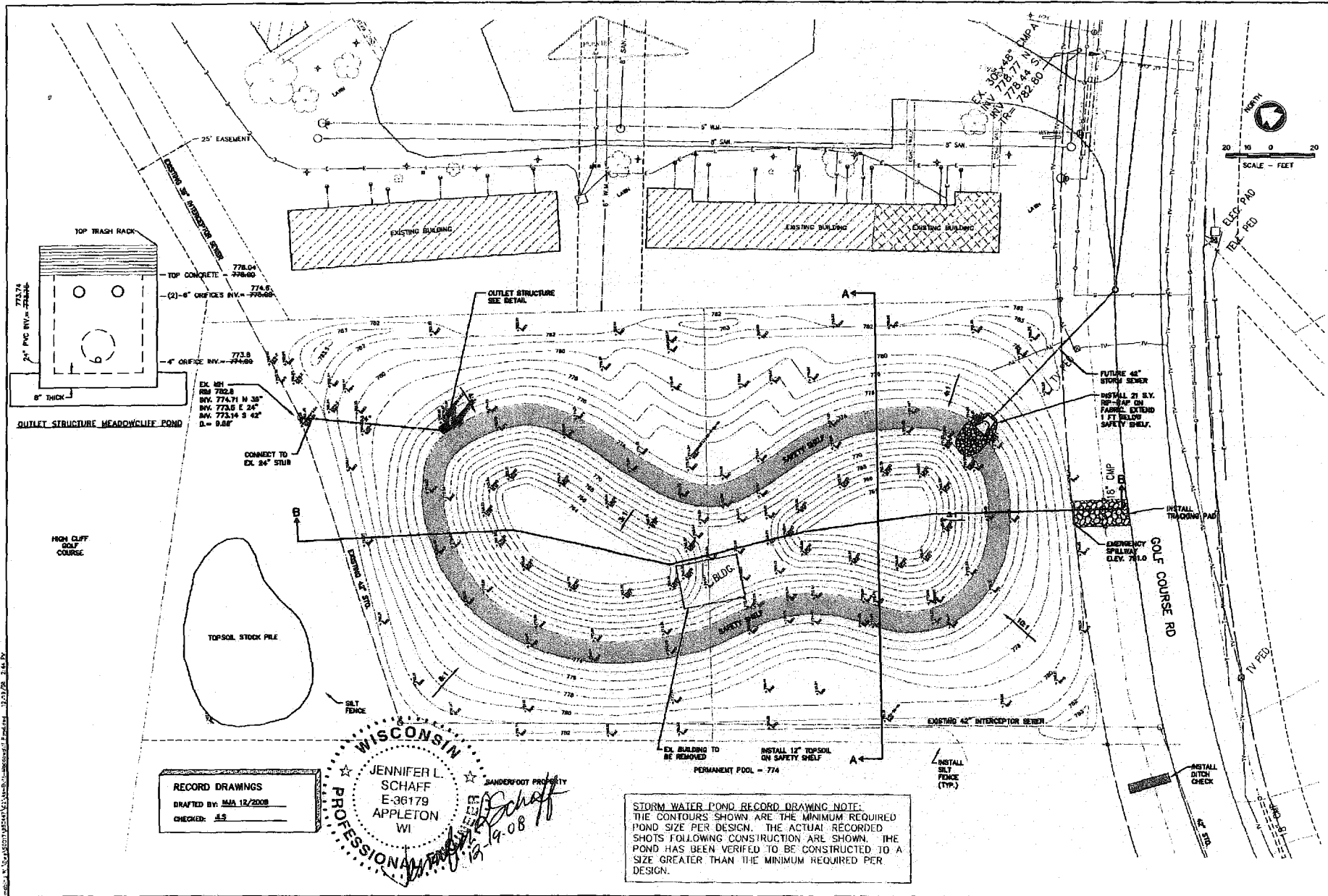
REGIONAL NONPOINT COORDINATOR -- Please complete the following:

- ☐ 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



PROJECT NO.	1
DATE	10/12/2008
BY	J.S.
CHECKED BY	J.S.
DATE	10/12/2008
PROJECT NO.	1
FILE NO.	CAD
ENGINEER	JENNIFER L. SCHAFF
ENGINEER'S FIRM	APPLETON ASSOCIATES, INC. - SHERWOOD, WI
ENGINEER'S LICENSE NO.	36179
ENGINEER'S EXPIRATION DATE	10/12/2011
PROJECT NO.	1
DATE	10/12/2008
BY	J.S.
CHECKED BY	J.S.
DATE	10/12/2008
PROJECT NO.	1
FILE NO.	CAD



