

Notice: This application form template was drafted by the Wisconsin Department of Natural Resources. Application is hereby made to the Wisconsin Department of Natural Resources, Bureau of Watershed Management, for grant assistance consistent with s. 281.65, Wis. Stats., and Chapters 153 and NR 154, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.65, Wis. Stats. The information contained in this form will be used for program budget analysis and project evaluation in the Targeted Runoff Management Grant Program. 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.]. *Unless otherwise noted, all citations refer to Wisconsin Administrative Code.*

Instructions: Complete all sections as applicable.

Applicant Information

Governmental Unit Applying: (name and type) (example: Madison, Town of)

Marinette County

Name of Authorized Representative (First Last) Gregory G. Cleereman			Name of Governmental Contact Person (First Last) (if different)		
Title County Conservationist			Title		
Area Code + Telephone Number 715-732-7783			Area Code + Telephone Number		
Area Code + Fax Number 715-732-7547			Area Code + Fax Number		
E-Mail Address gcleereman@marinettecounty.com			E-Mail Address		
Mailing Address - Street or Route Courthouse, 1926 Hall Ave.			Mailing Address - Street or Route		
City Marinette	State WI	Zip Code 54143-1717	City	State	Zip Code

Consulting Firm Name (if applicable)

Consulting Contact Person Name

Title

Area Code + Telephone Number	DNR Use Only				
Area Code + Fax Number					
E-Mail Address					
Mailing Address - Street or Route					
City					

Project Information

A. Project Name

Schwittay Farm

TRM Grant Project Name

Project Information (continued)

B. Project Area Location

County

Marinette

Minor Civil Division Name (city, village, town, etc. – ex. Wrightstown, Village of)	Township (N)	Range	E or W	Section	Quarter	Quarter- Quarter	Latitude (North , degrees, minutes, seconds only)	Longitude (West , degrees, minutes, seconds only)
Grover, Town of	30	22	E	19	SE	SE	45 3' 0.1"	87 51" 48.3"

Method for Determining Latitude & Longitude (check one)

- GPS
- DNR WebView or Surface Water Data Viewer
- Other (specify):

C. Project Summary

This site contains approximately 95 heifers, 84 steers and 15 dry cows totaling 171 animal units. The land base for waste utilization totals 570 acres. The BARNY model for the barnyard estimates a 53.6 pound delivery of phosphorus to the environment. Cattle are maintained on a feedlot approximately 120 feet from wetlands that drain to Bundy Creek which drains to the Peshtigo River and out to Green Bay.

Where practical, the clean water on the site will be diverted to avoid contact with animal waste. A manure storage and manure transfer system will be installed to address the pollution needs at this site. The manure transfer system will pump manure and barnyard runoff from an existing barn and barnyard to the storage. The manure storage will be sized to hold the manure and runoff from the barnyard. The waste will be stored until it can be properly field spread and incorporated to comply with the most up to date regulations. Based on the preliminary site investigations, the native soil at the site will not meet NRCS specifications for the construction of an earthen manure storage structure. The manure contained in the manure storage will be utilized in a manner that meets the requirements established in NR151.07 and ATCP 50.04 (3).

In 2006 Marinette County originally proposed relocating the animals across the road and giving the landowner the estimated cost share for the concrete barnyard so he could use it to lengthen his free stall barn and totally confine all cattle. A manure storage facility was already in place capable of holding all the waste generated on the farm. The DNR and DATCP did not want to create the “appearance” of state funds going to the construction of a barn. This forced us to install an NRCS approved and DATCP funded buffer and concrete barnyard on this site that Marinette County staff did not think would work. Most of the buffer is flooded as can be seen in the air photo. The wet condition has not changed since the buffer was constructed. In essence we constructed a phosphorus dump. Part of this new project seeks to rectify the problems of the flawed effort of 2006.

D. Watershed and Waterbody (see Attachment A. Example: Watershed Name: Oconomowoc River; Watershed Code: UR09; Primary Waterbody Name: Oconomowoc River; Nearest Waterbody: Flynn Creek.)

Watershed Name	Watershed Code	Primary Waterbody Name	Nearest Waterbody Name
Lower Peshtigo River	GB07	Bundy Creek	Bundy Creek

TRM Grant Project Name

Project Information (continued)

Note: If the project is in more than one watershed, submit a separate application for each watershed, unless this application is for a high-efficiency street sweeper.

Yes No

E. Project Target

- 1. The project will control agricultural runoff.
- 2. The project will control urban runoff.

F. Request for Funding for “Total Maximum Daily Load” Implementation

- 1. Requesting funding for eligible best management practices (BMPs) which will directly implement the pollutant-specific goals of a public comment draft (as of April 9, 2009) or an EPA-approved Total Maximum Daily Load (TMDL).
 - a. If “Yes”, provide the title of TMDL report this project addresses.

- 2. Final reimbursement for eligible, TMDL implementation project costs will be requested no later than September 20, 2011.

G. Request for Funding of Land Acquisition or Easements

- Requesting funding for either land acquisition or purchase of easements as part of this application to support eligible BMPs. If “Yes”, attach the property acquisition proposal, as defined in **Attachment B.**, to the completed application form.

H. Request for Retroactive Funding for Design Costs

- Requesting reimbursement for design costs that have been or will be incurred before issuance of the grant.

I. Request for Funding for Force Account Work

- Requesting reimbursement for technical services to be performed by governmental unit staff (force account).

J. Endangered and Threatened Resources, Historic Properties, and Wetlands

Check the appropriate box for each question based on what the governmental unit knows to occur where the project disturbs land. If you have no evidence of the items below, check “No.”

- 1. There are endangered or threatened resources, as identified in s. 29.604, Wis. Stats., and ch. NR 27 in the project area.
- 2. There are archaeological sites, historical structures, burial sites, or other historic places identified in s. 44.45, Wis. Stats., in the project area.
- 3. There are wetlands in the project area that are governed by water quality standard provisions of ch. NR 103.

K. Environmental Contamination

- The applicant is aware of environmental contamination [other than nonpoint source pollution, e. g., volatile organic compounds (VOCs), or polychlorinated biphenyls (PCBs)] of the soil and/or groundwater or potential for contamination in the project area.

L. Urban Projects Only: Pro-rating for Existing versus New Development

- Project will serve existing development only. If no, provide attachments and the following:

100%

 Percentage of total design volume that will be generated by existing development. (change default % if necessary)

M. Urban Projects Only: Alternative Funding Possibility

- This applicant requests that the DNR also submit a copy of this application to the Clean Water Fund loan program.

N. Environmental Hazards Assessment Form

- If this is a project that includes excavation, or purchase of land or easement, the Environmental Hazards Assessment Form (1800-001) has been completed and is attached. (See **Attachment H.**)

TRM Grant Project Name

Part I. Screening Requirements

Yes No

A. Map

An 8.5" x 11" topographic map from USGS or the DNR data/map viewers, showing the project area, is attached. If you intend to claim Bonus Points in Part III. Question 5 (Water Quality Needs), include a map of the wellhead area(s), or surface water body.

B. Best Management Practices (BMPs) For Which DNR Funding Is Requested (check all that apply)

(see **Attachment D.** for additional BMP information)

<input checked="" type="checkbox"/>	<u>Practice</u>	<u>Wis. Adm. Code</u>	<input type="checkbox"/>	<u>Practice</u>	<u>Wis. Adm. Code</u>
<input checked="" type="checkbox"/>	Manure Storage Systems	NR 154.04(3)	<input type="checkbox"/>	Riparian Buffers	NR 154.04(25)
<input type="checkbox"/>	Manure Storage System Closure	NR 154.04(4)	<input checked="" type="checkbox"/>	Roofs	NR 154.04(26)
<input type="checkbox"/>	Barnyard Runoff Control Systems	NR 154.04(5)	<input type="checkbox"/>	Roof Runoff Systems	NR 154.04(27)
<input type="checkbox"/>	Access Roads & Cattle Crossings	NR 154.04(6)	<input type="checkbox"/>	Sediment Basins	NR 154.04(28)
<input type="checkbox"/>	Animal Trails and Walkways	NR 154.04(7)	<input type="checkbox"/>	Shoreline Habitat Restoration for Developed Areas	NR 154.04(29)
<input type="checkbox"/>	Critical Area Stabilization	NR 154.04(10)	<input type="checkbox"/>	Sinkhole Treatment	NR 154.04(30)
<input checked="" type="checkbox"/>	Diversions	NR 154.04(11)	<input type="checkbox"/>	Subsurface Drains	NR 154.04(33)
<input type="checkbox"/>	Field Windbreaks	NR 154.04(12)	<input type="checkbox"/>	Terrace Systems	NR 154.04(34)
<input type="checkbox"/>	Filter Strips	NR 154.04(13)	<input type="checkbox"/>	Underground Outlets	NR 154.04(35)
<input type="checkbox"/>	Grade Stabilization	NR 154.04(14)	<input checked="" type="checkbox"/>	Waste Transfer Systems	NR 154.04(36)
<input type="checkbox"/>	Heavy Use Area Protection	NR 154.04(15)	<input type="checkbox"/>	Wastewater Treatment Strips	NR 154.04(37)
<input type="checkbox"/>	Lake Sediment Treatment	NR 154.04(16)	<input type="checkbox"/>	Water and Sediment Control Basins	NR 154.04(38)
<input type="checkbox"/>	Livestock Fencing	NR 154.04(17)	<input type="checkbox"/>	Waterway Systems	NR 154.04(39)
<input type="checkbox"/>	Livestock Watering Facilities	NR 154.04(18)			
<input type="checkbox"/>	Milking Center Waste Control Systems	NR 154.04(19)			
<input type="checkbox"/>	Prescribed Grazing	NR 154.04(22)	<input type="checkbox"/>	Well Decommissioning	NR 154.04(40)
<input type="checkbox"/>	Relocating or Abandoning	NR 154.04(23)	<input type="checkbox"/>	Wetland Development or Restoration	NR 154.04(41)
<input type="checkbox"/>	Animal Feeding Operations				
	Urban BMPs: NR 154.04(42)			Streambank and Shoreline Protection: NR 154.04(31) (includes associated fencing)	
<input type="checkbox"/>	Detention Basin		<input type="checkbox"/>	Stream Crossing	
<input type="checkbox"/>	Wetland Basin		<input type="checkbox"/>	Streambank/Shoreline Rip-rapping	
<input type="checkbox"/>	Filtration Practice		<input type="checkbox"/>	Streambank/Shoreline Shaping & Seeding	
<input type="checkbox"/>	Infiltration Practice		<input type="checkbox"/>	Streambank/Shoreline Fencing	
<input type="checkbox"/>	Accelerated or High-efficiency Street Sweeping System		<input type="checkbox"/>	Other Streambank/Shoreline Protection (incl. bio-engineering) - specify below	

Other (specify)

TRM Grant Project Name

Part I. Screening Requirements (continued)

C. Filters

Note: You must be able to answer "Yes" to Questions 1. through 5., and 8., and "Yes" or "N/A" (Not Applicable) to Questions 6. through 9. to be eligible for a grant.

- | | | |
|-------------------------------------|--------------------------|--|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. Project will be completed within 24 months of the start of the grant period. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 2. Staff and contractors designated to work on this project have adequate training, knowledge, and experience to implement the proposed project. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 3. Staff or contractual services, in addition to those funded by this grant, will be provided if needed. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Best management practices constructed under this grant will not work at cross-purposes to (are consistent with) agricultural and non-agricultural performance standards under ch. NR 151 (see Attachment E.). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. The local DNR Regional Nonpoint Source Coordinator (see Attachment C.) has been contacted about this project: |

Name of the Regional Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
Casey L. Jones	4/7/09	Provided project scopes
Casey L. Jones	4/9/09	Answered scope questions

- | | | | |
|--------------------------|--------------------------|-------------------------------------|---|
| Yes | No | N/A | |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 6. If this is an application to construct ponds that connect with navigable waterways or in wetlands under ch. NR 343, the necessary waterway or wetland permit (chs. 30 or 281, Wis. Stats.) has been issued. If "Yes", give the permit number and date of decision. |

Date of Decision	Permit Number

Please be aware that receipt of a **docket** number does **not** imply permit issuance. The receipt of the docket number merely acknowledges that your permit application has been received and has been assigned a place in the "review queue."

- | | | | |
|-------------------------------------|--------------------------|-------------------------------------|---|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 7. If this is a proposed urban TRM project which requires that the applicant have control of the property, you must either: |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. currently have control of this property; or |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | b. submit documentation with this application that you will obtain control of this property prior to the commencement of the grant period for this project. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | 8. If this is an agricultural application for a livestock facility, you must attach a current Wisconsin Animal Units Calculation Worksheet (Form 3400-25a, available at: http://dnr.wi.gov/runoff/pdf/ag/cafo/form340025a.doc). |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | 9. If this is a joint application among local units of government (LUGs), a DRAFT Inter-Governmental Agreement (IGA) is attached. (See Attachment I.) |

If you answered "No" to one (1) or more of the items in Question C., above, stop here. The project is ineligible.

D. Eligibility: Reason For Controlling Nonpoint Source Pollution In The Target Area

- | | | |
|-------------------------------------|-------------------------------------|--|
| Yes | No | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 1. The need for compliance with performance standards established by the DNR in ch. NR 151. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 2. The existence of nonpoint-source-impaired water bodies that the DNR has identified to the U.S. EPA under 33 USC 1313 (d)(1)(A), commonly referred to as the "s. 303(d) List." |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 3. The existence of outstanding or exceptional resource waters, as designated by the DNR in ss. NR 102.10 and NR 102.11. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Other water quality concerns of statewide or national significance. (<u>Important</u> : You may only check this |

TRM Grant Project Name

Part I. Screening Requirements (continued)

box if you are eligible to score ten (10) points in Part II., Question 4. "Basin Priorities" of this application.)

- 5. The existence of threats to public health.
- 6. The existence of an animal feeding operation that has received a notice of discharge (NOD) under ch. NR 243 or a notice of intent (NOI) to issue a notice of discharge.

If you answered "Yes" to one or more of the items in Question D., above, continue to Part II. Otherwise, stop here. The project is ineligible.

TRM Grant Project Name

Part II. Minimum Qualifications

Question 1. Fiscal Accountability

A. Timeline and Source of Staff

For each applicable milestone listed below, fill in the appropriate data:

Milestone	Target Completion Date (month/year)	Source of Staff
Completion of design	4/09	County
Obtaining required permits	7/09	County
Landowner contacts	5/08	County
CSA signing	4/10	County
Bidding	5/10	Landowner and Contractor
DNR approvals	6/10	County & WDNR
Contract signing	7/10	County
BMP construction	8/10	County
Site inspection and certification	10/10	County
Project evaluation	10/10	County & WDNR
Purchase street sweeper (urban only)		NA
Other (specify)		

B. Adequate Financial Budget

Provide the following information for the project. The grant amount is capped at \$150,000.

FINANCIAL BUDGET TABLE

A.	B.	C.
Project Activity for Which <u>DNR Funding</u> is Requested	Estimated Total Cost (\$)	Amount from Column B Eligible for DNR Cost Sharing (\$)
Construction Components:		
slab	50,000	50,000
wall/lid	48,924	48,924
excavation	23,450	23,450
fill	3,380	3,380
shaping/seeding	2,900	2,900
gates/fence	9,200	9,200
pipes/pumps/plumbing	6,600	6,600
electrical	2,000	2,000
miscellaneous	700	700
gutters	0	0
roof	144,000	144,000
1. Construction Subtotal	\$291,154	\$291,154
2. Engineering Services (including design)	5,000	5,000
3. Storm Sewer Reroute (Urban projects only)	\$0	\$0
4. Structure Removal (Urban projects only)	\$0	\$0
5. Subtotal: [add Rows (1.) through (4.)]	\$296,154	\$296,154
6. Property Acquisition: Fee Title & Easement	\$0	\$0
7. Grand Total: [add Rows (5.) and (6.)]	\$296,154	\$296,154

TRM Grant Project Name

Part II. Minimum Qualifications (continued)

Cost-Sharing Worksheet

Eligible Costs:

		Prorate %	Cost-Share %	
8. Construction, engineering services, etc.		100%	70%	\$ 207,308
Costs Specific to Agricultural Projects:				
9. Land Purchase (Fee Title)	\$0	-	50%	\$ 0
10. Agricultural Easements	\$0	-	70%	\$ 0
Costs Specific to Urban Projects:				
11. Property Acquisition: Fee Title and Easement	\$	100%	50%	\$ 0
12. Storm Sewer Rerouting		100%	50%	\$ 0
13. Structure Removal		100%	50%	\$ 0
14. Total Eligible Costs: [sum Rows (8.) through (13.)]				\$ 207,308
Cap Test:				
15. Maximum State Share: [(Row 14.) or \$150,000, whichever is less]				\$ 150,000
State and Local Share:				
16. Requested State-Share Amount (Requested Grant Amount)				\$ 150,000
17. Local-Share Amount: [(Row 7.), Column B. less (Row 16.)]				\$ 146,154

Method(s) Used to Calculate Cost Estimates

-Based on our completed design, we solicited and received bids for the projects in addition to the cost estimate we developed using the methodology described below.

-Met with the landowner at the site to assess and record his current management style and future management objectives. Record animal types, numbers and weights, bedding type and volume, manure consistency, housing type, rolling herd average, milking center waste volume and desired storage duration.

-Filed out the "Companion Document" and "Manure Storage Design Spreadsheet" to gather data and perform calculations to estimate costs.

-Walk over the site to look for obvious physical limitations that will govern the location, type, size or depth of structures that can be built.

-Dig test pits where appropriate to determine soil types, depth to bedrock and water table, etc.

-Return to office and review aerial and topographic maps and soil survey maps to aid in preliminary design parameters. To further investigate local geological conditions, review soil investigation logs from neighboring farms when available.

-Use soil survey information and knowledge of local geography to determine an environmentally safe storage duration.

-Using DATCP and NRCS parameters, run applicable pollutant delivery computer models and design the structures needed to address water quality needs for the site.

-The preliminary design and knowledge of the site are then used to estimate the quantities needed to construct the best management practices needed to address the water quality needs for the site.

-The estimated cost is calculated by integrating competitive bids and the average costs for materials from past projects constructed in Marinette County. Each year these costs are reviewed and updated to ensure we are providing accurate estimates to our constituents. The list is then "proofed" by randomly calling local contractors and soliciting their prices for the materials on the list.

C. Cost-Effectiveness

At a minimum, you must provide narrative answers to Parts C. 1. and C.2. You are advised to answer Part C.3., though you are not required to do so.

- Describe the environmental benefits this project will achieve. If you have already described this to your satisfaction in the Project Summary (Project Information, Part C.), you may answer here:, "See Project Summary."

TRM Grant Project Name

Part II. Minimum Qualifications (continued)

The manure storage system and barnyard runoff practices will be a no runoff system to stop nitrates, bacteria, organic matter, and 53.6 pounds of phosphorus annually, from entering Bundy Creek or potentially contaminating local groundwater. Installation of a manure storage facility will end winter spreading of manure on the 570 acres of cropland controlled by the operator and allow the landowner to apply accumulated animal waste according to a NRCS 590 compliant nutrient plan.

Installation of these practices will allow the operator to limit hauling and spreading of manure to two times per year in spring and fall. This will reduce the smells, noise, road litter and dust resulting from hauling and spreading. The result will be a reduction in conflicts between the farm operation and the non farm community. Also see the project scope.

2. Describe why the proposed management measures are a reasonable means to attain the project benefits based upon such factors as cost, effectiveness, site feasibility, available technical standards, and practicality.

To maintain cost effectiveness, Marinette County explored all practical design and construction material options. The proposed system provides the highest environmental benefit per dollar spent. The costs are calculated using an average cost list based on the actual costs of more than 30 major projects completed in Marinette County over the last five years. Requiring multiple bids, as we do, keeps costs competitive.

The BMP's will be installed to best take advantage of the topography of the site and overcome limitations such as shallow bed rock or depth to water table. The current management strategy and existing building placement are also considered to maximize the environmental protection. All BMP design recommendations are thoroughly discussed with the landowner/operator.

The manure storage will be sized to hold the manure from the animals on the site and barnyard runoff. The transfer system will deliver manure and barnyard waste to the storage facility. These practices in combination will insure a nearly 100% reduction in direct pollution loads to waters of the state. All practices will be designed following the appropriate NRCS Technical Guide standards. The manure storage facility, in conjunction with the nutrient management plan, will ensure the operator spreads manure only at times that allow for proper incorporation into the soil.

There is no alternative to having an appropriately sized manure storage facility for proper implementation of a 590 compliant nutrient management plan. All of our BMP's are installed based on the producers management style and designed to require the minimum amount of active management for success.

3. If you evaluated one or more alternative management measures, describe why the alternative(s) is not being recommended.

The two manure storage options are an inground concrete lined manure storage or an above ground slurry store. We chose to install an inground concrete lined manure storage facility because it offers the least cost, has the lowest risk of failure, and is the easiest way to capture barnyard runoff. The alternative slurry store has higher maintenance needs and depends more heavily on active management for success. Above ground pumps and valves can fail or be operated improperly, leading to manure spills. At an estimated \$184,283, a slurry store would cost 31% more than a comparable inground manure storage facility.

Question 2. Project Evaluation Strategy

The applicant must agree to provide a description of the modeled results or changes in pollution potential in the final project report. The project evaluation strategy will be based on comparing pre- and post-project changes in modeled pollutant loading to water resources or will be based on the quantity of units managed.

A. Modeling and Measures of Change

Pre- and post-project evaluation measures that the applicant will use to ensure success in meeting project goals: (check all that apply)

Agricultural Performance Standard or Prohibition	Units of Measure	Recommended Measurement Method
<input type="checkbox"/> Sheet, rill and wind erosion	Acres meeting T	RUSLE-2 or wind erosion model

TRM Grant Project Name

Part II. Minimum Qualifications (continued)

<input checked="" type="checkbox"/>	Manure Storage Facilities: New Construction/Alterations	Number of facilities	count
		Number of animal units	count
<input type="checkbox"/>	Manure Storage Facilities: Closure	Number of facilities	count
<input type="checkbox"/>	Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	count
		Number of animal units	count
<input checked="" type="checkbox"/>	Clean Water Diversions in WQMA	Pollutant load reduction	BARNY Model
		Number of farms with diversions	count
		Number animal units	count
<input checked="" type="checkbox"/>	Nutrient Management on Agricultural Land	Acres planned	count
<input type="checkbox"/>	Prohibition: Manure Storage Overflow	Number of facilities	count
		Number of animal units	count
<input type="checkbox"/>	Prohibition: Unconfined Manure Pile in WQMA	Number of farms	count
<input checked="" type="checkbox"/>	Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	BARNY Model
		Number of facilities	count
		Number of animal units	count
<input type="checkbox"/>	Prohibition: Unlimited Livestock Access	Feet of bank protected	count
		Number of farms	count
Other Priority for Agricultural Area			
<input type="checkbox"/>	Buffers	Feet of bank protected	CREP formula
		Number of farms	count
<input type="checkbox"/>	Streambank	Tons of bank erosion reduced	NRCS bank erosion formula
		Feet of bank protected	count
<input type="checkbox"/>	Other (specify)		
Priority for Developed Urban Area			
<input type="checkbox"/>	20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	SLAMM, P-8
		% TSS reduction	
<input type="checkbox"/>	Infiltration	% Pre-development stay-on volume	Recarga, SLAMM, P-8
		Cubic feet stay-on volume	
<input type="checkbox"/>	Peak flow discharge	Change in cubic feet per second	TR-55 or equivalent
<input type="checkbox"/>	Protective areas	Feet of bank protected	count
<input type="checkbox"/>	Fueling and maintenance areas	Oily sheen presence	visual assessment
<input type="checkbox"/>	Streambank	Tons of bank erosion reduced	NRCS bank erosion formula
		Feet of bank protected	count
<input type="checkbox"/>	Other (specify)		

- Yes No **B. Monitoring** (not eligible for cost sharing at this time)
- The project evaluation strategy will provide pre- and post-project information from water resource monitoring. If "Yes," check all that apply below.
- The project will evaluate the physical habitat, fisheries, biological, or chemical conditions.
- A one-page summary of the monitoring strategy is attached.

- Yes No **C. Additional Monitoring**
- The applicant is willing to participate with the Department to do monitoring in the project area should funding become available.

Question 3. Evidence of Local Support

The level of local support that currently exists for the proposed project.

Agricultural Projects:

- Yes No **A. Government**
1. **Regulatory Situations** If you answered "Yes" to both items (A.1.a. and A.1.b.) below, go to Question 4. Otherwise, continue to Part A.2. of this question.

TRM Grant Project Name

Part II. Minimum Qualifications (continued)

- a. At least 75% of the total project cost is attributed to the resolution of a Notice of Discharge (NOD) or a Notice of Intent to Issue an NOD (NOI) under ch. NR 243 or non-compliance with agricultural performance standards and prohibitions under subch. II of ch. NR 151 or a local regulation.
- b. At least one of the following is attached to this application form:
1. copy of the NOI issued under ch. NR 243; or
 2. copy of the NOD issue under ch. NR 243; or
 3. copy of letter signed by DNR stating that DNR will issue an NOI or NOD under ch. NR 243 if cost sharing is provided; or
 4. copy of letter signed by DNR and the county that a notice, under s. NR 151.09 or s. 151.095, will be issued if necessary; or
 5. copy of letter signed by the county that the local regulation will be enforced at the project site.
2. **Non-Regulatory Situations**
- a. The governmental unit has developed:
- i. a detailed pollution control plan with the landowners that identifies specific best management practices (BMPs);
 - ii. general assessments of the pollution sources within the project area.
- b. The governmental unit has contacted the landowner(s)/land operator(s) about the proposed BMP installations.

If "Yes," provide details.

The landowner/operator contacted the LWCD to inquire about the TRM program. LWCD staff went to the farm and, along with the landowner, evaluated the site and recommended BMP's based on site conditions and management. The TRM program was explained to the farmer, including costs, timelines, and roles and responsibilities. The environmental rationale behind the TRM program and individual BMP's, especially relating to winter spreading of manure, was emphasized. Also discussed was the relationship of operator management to the success of the recommended BMP's and the potential cost and time savings of thoughtful design and proper implementation.

The project scope, design, and cost estimates in this application are the direct result of the site visit and landowner consultation.

The landowner has sent us a signed letter committing to install the BMP's described in this application

- Yes No **B. Landowners and Partners**
1. **Level of Landowner Participation**
- a. A majority of the affected landowners/land operators have specifically indicated that they will sign a cost-share agreement (CSA) to install the practices requested in this grant application.
- b. A majority of the affected landowners/land operators have indicated a general interest to participate in the project.
- c. Letters of support for the project from affected landowners/land operators are attached.
2. **Involvement of Partners**
- a. Partners, in addition to the unit of government (applicant) and landowner, have committed resources (materials, equipment, staff or financial resources) towards the BMP installation, maintenance, or evaluation of the project.

If "Yes," list the project partner(s)

**Natural Resources Conservation Service
Marinette County UW-Extension**

- b. Letters of support from the project partner(s)

Urban Projects:

- Yes No **A. Government**
1. The local-share funds for the construction/installation expenses:
- a. are already included specifically in an adopted budget;

TRM Grant Project Name

Part II. Minimum Qualifications (continued)

- b. will be included in a proposed budget.
2. The governmental unit has already conducted public information activities within the project area for this practice.
-
- If "Yes," provide details on the opportunity for public reaction the governmental unit provided and indicate the general public support or non-support for the project that was indicated.
-

Yes No **B. Landowners**

1. The governmental unit:
- a. already owns, or holds an easement for, the land on which the project is to be installed;
- b. is submitting with the application a list of landowners, occupants, or tenants that occupy the property and information indicating each party's willingness to sell or ease the necessary parcel.
2. Evidence of citizen (non-governmental) support for the project (such as letters from the neighborhood association, a civic group or an environmental organization voicing support) is attached.

Question 4. Basin Priorities (check one, A. through H.)

- A. Clean Water Act s. 303(d) List of Impaired Waters**
Project with water quality goals directly dealing with a waterbody (lake or stream) on the latest Clean Water Act (CWA) s. 303(d) List of Impaired Waters, where the cause of the water quality impairment is nonpoint source pollution, and this project will reduce the type of nonpoint source pollutants for which the water is listed. (See **Attachment A.**)
- B. Outstanding and Exceptional Resource Waters**
Waterbody is included in s. NR 102.10 (Outstanding Resource Waters) and/or s. NR 102.11 (Exceptional Resource Waters).
- C. NPS Rankings**
Project is located in a large-scale watershed, a small-scale watershed, lake watershed, or other area ranked high or medium on the NPS Rankings List, where the goals of the project are directly associated with the reason for the ranking on the NPS Rankings List.
- D. Amendment of the NPS Rankings List Using State of the Basin Reports**
Project is located within a watershed ranked low or not ranked on the NPS Rankings List, but information in a DNR State of the Basin report indicates a need to amend the NPS Rankings List because the stream, stream segment, or lake is being affected by nonpoint sources of pollution.
- E. Amendment of the NPS Rankings List Using Other Data Sources**
Project is located within a watershed ranked low or not ranked on the NPS Rankings List, but adequate data exists to request a ranking of high or medium for a waterbody that that is being affected by nonpoint sources of pollution.
- F. Sources of Information for Areas Not Included in State of the Basin Reports**
For some border waters, there is no State of the Basin report (*i.e.*, along the Mississippi River or the Great Lakes). For these situations, another governmental document, accepted by the Regional NPS Coordinator, can be used to classify the resource as having a significant nonpoint source pollution impairment.
- G. Governmental Notices**
The applicant has checked "Yes" to both parts of Part II, Question 3, A.1.
- H. Not Included in Other Categories Above**

TRM Grant Project Name

Part III. Competitive Elements

Question 5. Water Quality Needs (check one, A. through G.)

The water quality category which best identifies the water quality goals for the project directly deals with:

Note: For border waters where a State of the Basin Report does not exist, another governmental document acceptable to the Regional Nonpoint Source Coordinator may be used to identify the water quality need.

Surface Water Considerations

- A. Clean Water Act s. 303(d) List of Impaired Waters**
A waterbody (lake or stream) on the latest Clean Water Act (CWA) s. 303(d) List of Impaired Waters, where the cause of the water quality impairment is nonpoint source pollution, **and this project** will reduce the type of nonpoint source pollutants for which the water is listed. (See **Attachment A.**)
- B. Not Fully Meeting Uses**
A waterbody (lake or stream) identified in a DNR State of the Basin report as not meeting or partially meeting designated uses due to nonpoint sources, but is not on the s. 303(d) List.
- C. Outstanding or Exceptional Resource Waters**
Prevention of degradation due to nonpoint sources of outstanding or exceptional resource waters or high quality, recreationally significant waters.
- D. Surface Water Quality**
Prevention of surface water quality degradation due to nonpoint sources. Waters in this category are not high quality, recreationally significant waters.

Groundwater Considerations

- E. Exceeds Groundwater Enforcement Standard**
Groundwater within the project area where representative information indicates there are levels for NPS contaminants that exceed groundwater enforcement standards.
- F. Groundwater Quality**
The project area is within a geological area defined in s. NR 151.015(18) as susceptible to groundwater contamination. (See **Attachment G.**)
- G. Exceeds Groundwater Preventive Action Limit**
Groundwater within the project area where representative information indicates there are levels for NPS contaminants that exceed groundwater preventive action limits.

Bonus Points:

Yes No

- The project water quality goals identified above relate to the reduction of nonpoint source contaminants in community or non-community public drinking water supplies. This includes any of the following: Municipal water supplies governed by chs. NR 809 & 811; Other-Than-Municipal (OTM) water supplies governed by chs. 809 & 811; Non-Transient water supplies governed by chs. NR 809 & 812; Transient water supplies governed by chs. NR 809 & 812.
- 1. If "Yes" and you checked box E., F. or G., above, then mark (a), (b) or (c) below and move on to Question 6. (You will need assistance from your DNR Regional Grant Coordinator or Water Supply Specialist to answer.)
 - a. Check this box if the project is located: within the wellhead protection area of a municipal well, or within 1,200 feet of a municipal well for which a wellhead protection area is not delineated, or within 1,200 feet of an "Other-Than-Municipal (OTM)" water supply well, or within 1,200 feet of a non-transient water supply well.
 - b. Check this box if the project is located within 200 feet of a Transient water supply well.
 - c. Check this box if neither (a.) nor (b.) applies.
- 2. If "Yes" and you checked box A., B., C., or D. above, then place a check mark next to the drainage area where the project is located (see below).

<input type="checkbox"/> Pike River and Creek	<input type="checkbox"/> Twin Rivers
<input type="checkbox"/> Root River	<input type="checkbox"/> Kewaunee and Ahnapee Rivers
<input type="checkbox"/> Oak Creek	<input type="checkbox"/> Menominee River
<input type="checkbox"/> Milwaukee River	<input type="checkbox"/> Fish Creek
<input type="checkbox"/> Sauk Creek	<input type="checkbox"/> St. Louis and Nemadji Rivers
<input type="checkbox"/> Sheboygan and Onion Rivers	<input type="checkbox"/> Lake Winnebago
<input type="checkbox"/> Manitowoc River	

TRM Grant Project Name

Part III. Competitive Elements (continued)

Question 6. Extent of Pollutant Control

Yes No **A. Chapter NR 151 Agricultural Performance Standards and Prohibitions**
 The proposed project addresses at least one (1) of the ch. NR 151 agricultural performance standards and prohibitions. Indicate the performance standard(s) or prohibition(s) that is/are the focus of this project. (check all that apply)

- a. Sheet, rill, and wind erosion. (NR 151.02)
- b. Manure storage facilities-new/significant alterations. (NR 151.05(2))
- c. Manure storage facilities-closure. (NR 151.05(3))
- d. Manure storage facilities-existing failing/leaking. (NR 151.05(4))
- e. Clean water diversions. (NR 151.06)
- f. Nutrient management. (NR 151.07)
- g. Prohibition: Prevention of overflow from manure storage facilities. (NR 151.08(2))
- h. Prohibition: Prevention of unconfined manure piles in water quality management areas (within 300 feet of a stream, 1000 feet. of a lake, or areas where the groundwater is susceptible to contamination). (NR 151.08(3))
- i. Prohibition: Prevention of direct runoff from a feedlot or stored manure into waters of the state. (NR 151.08(4))
- j. Prohibition: Prevention of unlimited livestock access to waters of the state where high concentrations of animals prevent the maintenance of adequate sod cover or self-sustaining vegetation. (NR 151.08(5))

Yes No **B. Other Water Resources Management Priority**
 The proposed project addresses a water resources management priority other than a ch. NR 151 agricultural performance standard or prohibition.

If "Yes," describe the priority and how the project addresses this priority.

Installation of these practices will allow the operator to limit the hauling and spreading of manure to two times per year in spring and fall. This will reduce the smells, noise, road litter, and dust resulting from hauling and spreading. The result will be a reduction in conflicts between the farm operation and the non farm community.

As stated earlier in this application, this project seeks to end the winter spreading of manure on lands owned and controlled by Mr. Schwittay. As events and research have indicated in recent years, winter spreading of manure, even while properly following a nutrient mangement plan, can lead to contaminated runoff events and corresponding fish kills or contaminated private wells.

Ending winter spreading of manure has long been a goal of Marinette County and is the focus for the majority of our TRM applications

Yes No **C. Planning Data & Source Targeting**
 The applicant has quantitative planning information that ranks pollution sources from highest to lowest in severity and the proposed project will manage a pollution source contained in the top 50% of the ranked list. If "Yes," provide:

a. Summary of the targeting analysis that justifies the proposed project;

b. Name of document(s);

c. Date(s) published;

d. Pertinent page numbers.

e. A copy of non-state document(s) is available:

At this website; http://

Attached to this application form.

Contact this person: Name: _____ Phone: _____

TRM Grant Project Name

Part III. Competitive Elements (continued)

Question 7. Consistency with Resource Management Plans

Yes No

- The project implements a water quality recommendation from a locally approved resource management plan.

Summarize the water quality recommendation. Describe the recommendation in relation to the goals of this proposed project. Cite the name and date(s) of publication of the document.

Goal 3 - Control runoff pollution from agricultural lands. Increase natural habitat.

Objective A under that goal is to: Provide technical assistance and cost sharing for constructed or somewhat permanent agricultural BMP's for water quality and fish and wildlife habitat protection.

Objective B under that goal is to: Provide technical assistance and cost sharing for planning and implementation of cropland BMP's.

2006 - 2010 Marinette County Land & Water Resource Management Plan, approved by the LWCB April 2005

Question 8. Use of Additional Funding

Yes No

- A. The requested state share is less than the \$150,000 cap.
- B. Funding requested is below the maximum allowable cost-share rate (amount is **less than** Part II. Question 1. Row 15).

Question 9. City of Racine

Yes No

- This is an application from the City of Racine for a project that is necessary for the city to comply with state storm water permitting requirements.

TRM Grant Project Name

Part IV. Eligibility for Multipliers

Completion of this part of the application is optional. However, an applicant can increase the final project score by qualifying for a project multiplier.

Agricultural Projects (select all that are in place as of the application submittal date)

A. Local Implementation Program (factor 0.1) (check all that apply)

Check activities listed below that are part of the local program to implement agricultural performance standards and prohibitions contained in ch. NR 151. Check all activities that apply. An activity may be checked "Yes" if either of the following is true:

- The activity is currently assigned to the applicant, or another local unit of government, in an approved Land and Water Resources Management Plan (LWRMP), an updated LWRMP work plan or an Inter-Governmental Agreement (IGA) with the Department of Natural Resources. List the document and page number where the activity is addressed.
- The activity is not currently assigned in one of these documents, but the applicant describes, in the space provided below, who will conduct the activity.

Yes	No		Document	Page Number
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Inform and educate landowners/operators about performance standards and prohibitions.	LWRM Plan	21
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Conduct compliance status surveys, including on-site visits, for croplands and livestock facilities and convey compliance status to landowners/operators.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Discuss with landowners/operators the best management practices needed to achieve compliance with performance standards and prohibitions.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Seek financial assistance for landowners/operators to achieve compliance with performance standards and prohibitions.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Develop cost-share agreements with landowners/operators and provide them with technical assistance to achieve compliance with performance standards and prohibitions.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Track compliance status of croplands and livestock facilities and provide compliance status information to the Department of Natural Resources upon request. This includes notifying DNR when a landowner/operator does not comply with a notice issued under s. NR 151.09 or s. NR 151.095.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Provide assistance to the Department of Natural Resources to issue notices under ss. NR 151.09 and NR 151.095.	LWRM Plan	24
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. In situations where local regulations do not require compliance with a performance standard or prohibition, refer cases of non-compliance to the local district attorney or the Department of Natural Resources.	LWRM Plan	24

If an item checked above is not covered by a LWRMP, an updated LWRMP work plan or an IGA with DNR, list the activity and identify who will carry it out.

NA

If all items (1 through 8) above are checked "Yes," go on to Part B. Otherwise, stop here.

TRM Grant Project Name

Part IV. Eligibility for Multipliers (continued)

B. Local Enforcement Program – Scope of Local Regulations (factor 0.15) (check all that apply)

If there are local ordinances in place which authorize the governmental unit to require the landowner to correct the nonpoint pollution sources for which cost sharing is being offered, then the applicant may earn an enforcement multiplier.

Complete the following table by identifying each of the performance standards and prohibitions that the grant will address, the estimated portion of the grant that will be used to address each standard and prohibition, and the local regulation that applies to the specific situation being addressed at the site. The Department will calculate the enforcement multiplier based on the extent to which local regulations provide authority for the governmental unit to regulate the specific performance standards and prohibitions at the site for which the cost share is being provided.

Check the appropriate performance standard/prohibition per line. The standard(s)/prohibition(s) selected below should be the same one/s cited in the answer(s) to Question 6.A. [e.g., 6.A.a. "Sheet, rill and wind erosion (s. NR 151.02)].

Column 1		Column 2	Column 3		Column 4
Performance standard/prohibition to be addressed with funding. Check all that apply, as in Question 6.A.		Estimated portion (%) of the grant award to be spent on the performance standard/prohibition. The sum should equal 100%.	Is there a local regulation which addresses the specific site being funded?		If there is a local regulation which addresses the specific site being funded, list the name and applicable section of the ordinance.
			Yes	No	
<input type="checkbox"/>	a. Sheet, rill, and wind erosion. (NR 151.02)	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(3)(a)
<input checked="" type="checkbox"/>	b. Manure storage facilities-new/significant alterations. (NR 151.05(02))	55	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(2)(a)
<input type="checkbox"/>	c. Manure storage facilities-closure. (NR 151.05(03))	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(2)(c)
<input type="checkbox"/>	d. Manure storage facilities-existing failing/leaking. (NR 151.05(4))	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(2)(b)
<input checked="" type="checkbox"/>	e. Clean water diversions. (NR 151.06)	10	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(3)(b)
<input checked="" type="checkbox"/>	f. Nutrient management. (NR 151.07)	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.03(3)(c)
<input type="checkbox"/>	g. Prohibition: Prevention of overflow from manure storage facilities. (NR 151.08(2))	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.04(1)(c)(1)
<input checked="" type="checkbox"/>	h. Prohibition: Prevention of unconfined manure piles in water quality management areas (within 300 ft. of a stream, 1000 ft. of a lake, or areas where the groundwater is susceptible to contamination). (NR 151.08(3))	15	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.04(1)(c)(2)

TRM Grant Project Name

Part IV. Eligibility for Multipliers (continued)

<input checked="" type="checkbox"/>	i. Prohibition: Prevention of direct runoff from a feedlot or stored manure into waters of the state. (NR 151.08(4))	20	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.04(1)(c)(1)
<input type="checkbox"/>	j. Prohibition: Prevention of unlimited livestock access to waters of the state where high concentrations of animals prevent the maintenance of adequate sod cover or self-sustaining vegetation. (NR 151.08(5))	0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Agricultural Performance Standards and Animal Waste Ordinance-18.04(1)(c)(1)
		Sum of %: 100			

Check all that apply. At least one (1) category must be checked to earn an enforcement multiplier. Copies of ordinances for which credit is taken in this section are:

- Found at this website (provide most direct web page URL); http://www.marinettecounty.com/i_marinette/d/chapter_18.pdf
- Attached to this application;
- Already submitted with another application for CY 2010 funding.

Urban Projects (select all that are in place as of the application submittal date)

Title(s) of ordinance(s) for which credit is taken in this section:

Copies of ordinances for which credit is taken in this section are:

- Found at this website (provide most direct web page URL); <http://>
- Attached to this application form;
- Already submitted with another application.

A. Local Implementation Program (factor 0.1)

- | | | | |
|--------------------------|--------------------------|--|---|
| Yes | No | | 1. Implement a construction site erosion control ordinance consistent with the performance standards and applicability requirements of s. NR 151.11. |
| <input type="checkbox"/> | <input type="checkbox"/> | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | 2. Implement a pollution prevention information and education program targeted at residents, including property owners. |
| <input type="checkbox"/> | <input type="checkbox"/> | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | 3. Implement nutrient management for municipally-owned properties where nutrients are applied to at least five (5) acres. (You may check "Yes" if this item does <u>not</u> apply.) |
| <input type="checkbox"/> | <input type="checkbox"/> | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | 4. Track, evaluate and report to DNR the status of erosion control and storm water permit activity. |

If all items (1 through 4) above are checked "Yes," go on to part B. Otherwise, stop here.

B. Local Enforcement Program (factor 0.15)

- | | | | |
|--------------------------|--------------------------|--|--|
| Yes | No | | 1. There is a storm water management ordinance in effect for new development and re-development in the project area. |
| <input type="checkbox"/> | <input type="checkbox"/> | | |
| <input type="checkbox"/> | <input type="checkbox"/> | | 2. The local regulation requires a written storm water plan. |

If items B.1. and B.2. are checked "Yes," go on to Part B.3. Otherwise, stop here.

3. Check the box next to any of the listed non-agricultural performance standards if there is a local regulation currently in place that requires compliance with that performance standard. (An item may be checked "Yes" only if the minimum applicability requirements of s. NR 151.12 are met.) (check all that apply)

		<u>Non-Agricultural Performance Standards</u>	<u>Wis. Adm. Code</u>
<input type="checkbox"/>	<input type="checkbox"/>	a. Reduce total suspended solids per	NR 151.12(5)(a)
<input type="checkbox"/>	<input type="checkbox"/>	b. Reduce peak flow discharge per	NR 151.12(5)(b)
<input type="checkbox"/>	<input type="checkbox"/>	c. Achieve infiltration per	NR 151.12(5)(c)

TRM Grant Project Name

Part IV. Eligibility for Multipliers (continued)

- | | | | |
|--------------------------|--------------------------|---|-----------------|
| <input type="checkbox"/> | <input type="checkbox"/> | d. Protect riparian areas per | NR 151.12(5)(d) |
| <input type="checkbox"/> | <input type="checkbox"/> | e. Manage fueling and vehicle maintenance areas per | NR 151.12(5)(e) |

Optional Additional Information

Carefully review the answers to all of the questions above. Is there additional information that will add to the understanding of this project? If so, describe here.

Regarding Question 5 Water Quality Needs, I scored the need as B. Not Fully Meeting Uses although the Basin Plan table for Trout Creek/Bundy Creek says these are WWFF that FULLY supporting Potential Use. As I discussed in detail with at least four DNR staff as far back as 2004, the Basin Plan is flawed. The watershed is rated medium for streams and subwatershed is rated high for streams at the same time that the Basin Plan states that no streams in the subwatershed are failing to meet their potential use. Data gathered by DNR Water Resources Management Specialist, Mary Gansberg in 1995 and by LWC in 2002 for the Peshtigo Flowage & Trout Creek Pond Lake Management Report indicate otherwise. In the 1995 DNR report, the Hilsenhoff Biotic Index was poor and fairly poor down stream from the project area. In 2002 the LWC performed monitoring at Trout Creek Pond which is the destination for all drainage in the watershed. The Trophic State Index for the pond was eutrophic to highly eutrophic. More than 56% of the watershed is devoted to agricultural production. In all, 59 farm operations have land located in the subwatershed. Forty-four farms do not have enough land suitable for winter spreading of manure. A total of 304,147 feet of stream frontage was inventoried. Of this more than 28% was not adequately buffered.

The other issue is calling the streams in the subwatershed WWFF. The 1995 DNR report gave the subwatershed streams habitat ratings of Fair to Good. Our limited monitoring found summer water temps. that would support brown trout. It is also my understanding that the designation of WWFF is more of a default rather than based on monitoring and data. In summary we feel that the Supporting Potential Use column in the stream table was not properly filled out. As further evidence, I found no use of the designation Fully-Threatened in any stream in the basin. Not even in any of the three Basin Priority Watersheds. The basin plan further states on page 19 that a stream has been "monitored" if "site specific data have been collected on that stream or stream segment in the past 5 years." I am not aware of any DNR data from the watershed that is less than 15 years old. I have much greater confidence in our 2002 data, as indicator of water quality in the watershed, than the deeply flawed basin plan.

Applicant Certification

An Authorized Representative must sign and date the application form prior to submittal to the DNR. All four (4) copies must include original signatures of the Authorized Representative.

I certify that, to the best of my knowledge, the information contained in this application and attachments is correct and true.

Signature of Authorized Representative	Date Signed
--	-------------

[name and title, please print]

Gregory G. Cleereman, County Conservationist

- Yes No
- Completed Authorizing Resolution (see **Attachment J.**) is attached.

Submittal Directions

To be considered for funding, provide the following for each application submitted:

- One (1) copy of the completed application form [DNR Form 8700-300 (R 1/09)] with original signature in blue ink;
- Three (3) additional copies of the completed, signed application form;
- One (1) electronic copy of the completed application form on CD or diskette in Microsoft Word format only.

All application materials must be postmarked by midnight **April 15, 2009**.

Send to: Department of Natural Resources
 Attn: Kathy Thompson, WT/3
 101 South Webster Street
 P.O. Box 7921
 Madison, WI 53707-7921