State of Wisconsin Department of Natural Resources, WT/2 PO Box 7921, Madison WI 53707-7921

## Targeted Runoff Management Program (TRM) Grant Application – CY 2008 Funding

Form 8700-300 (R 1/07)

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**Notice:** This document 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 Chapter NR 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 & type) (example: Madison, Town of) **Trempealeau County** Name of Authorized Representative (First, Last) Name of Governmental Contact Person (First Last) (if different) **David Appleyard** Title Title **Land Conservation Department Director** Same Area Code + Telephone Number Area Code + Telephone Number 715-538-2311, Ext. 261 Area Code + Fax Number Area Code + Fax Number 715-538-4132 Same E-Mail Address E-Mail Address appled@tremplocounty.com Same Mailing Address - Street or Route Mailing Address - Street or Route Courthouse, P.O. Box 67 Same State State Zip Code City Zip Code City Whitehall WI 54773 Same Same Same 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 State Zip Code **Project Information** A. Project Name Monson Farms Regulatory Upper Buffalo River TRM Project **B. Project Area Location** County Trempealeau

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### **Project Information** (continued)

Minor Civil Division Name (city, village, town, etc. – ex. Wrightstown, Village of)	Township (N)	Range (E/W)	Section	Quarter	Quarter- Quarter	Latitude (North)	Longitude (West)
						(deg-min-sec)	(deg-min-sec)
Town of Unity	24	8W	21	SE	NESE	44-32-40	91-20-56
Town of Unity	24	8W	27	NW	SENW	44-31-56.8	91-20-24.8

Method for Determining Latitude & Longitude (check one)	
□GPS	
□ DNR WebView or Surface Water Data Viewer	
Other (specify):	

### C. Project Summary

The Upper Buffalo River Wateshed has a Nonpoint source Ranking of High in the Overall, Streams and Ground Water categories. The DNR has classified this portion of the watershed as being an Exceptional Resource Water. DNR's Buffalo River Water Quality Management Plan states that the streams within this watershed are kept from achieving their full potential by agricultural nonpoint source pollution.

This project proposes to assist the owners/operators of Monson Farms to achieve full compliance with all of the State Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR 151 on all lands which they own and operate. The project shall focus on controlling sources of animal waste nutrient loading to ground and surface waters and to control existing sources of stream and mill pond sedimentation. Additionally, the existing USLE based cropland soil erosion control plans shall be re-done using the RUSLE2 based cropland erosion prediction model required by NR151. All areas of concentrated flow and ephemeral erosion shall be controlled as is required by proper use of RUSLE2.

Monson Farms is a dairy operation that was required to become permitted through the Trempealeau County Feedlot Performance Ordinance. As a condition of the County Feedlot Permit, the owners of Monson Farms are required to fully comply with the States Ag Performance Standards and Prohibitions. However, ATCP 50 requires that the County offer at least 70% cost share to any existing operation that is required to install conservation practices. Monson Farms conforms to the definition of "existing" contained within ATCP 50 and NR 151.

A full onsite evaluation was completed on this farm to determine compliance with all State Ag Performance Standards and Prohibitions contained within Subchapter II of NR 151. (A copy of this evaluation is attached.). The owners of the facility agreed in writing to the determinations. Those Ag Performance Standards and Prohibitions that were determined to be complied with have been tracked on the LCD's NR-151 Compliance GIS and compliance shall be required in perpetuity. Monson Farms is not in compliance with the No Direct Discharge From Feedlots and the 590 Nutrient Management State Ag Peformance Standards and Prohibitions. Nutrient management and barnyard runoff control are required to bring this facility into full compliance with the County Feedlot Performance Ordinance and all State Ag Performance Standards and Prohibitions.

Crystal Lake, an impoundment on the Buffalo River, is located downstream from Monson Farms. The Village of Strum maintains a popular swimming beach on the shore of Crystal Lake. The County Public Health Department collected beach water samples in 2001 and 2002 to test for fecal coliform. Test results demonstrated that the concentration of fecal coliform (an indicator of the presence of animal waste runoff) routinely exceeds safe body contact levels. Fecal coliform levels have been as high as 2300 with a safe body contact level of 235. This is a public health concern.

Compliance must be achieved within the two year contract period. Once full compliance is achieved with all Ag Performance Standards and Prohibitions, a notice to this effect shall be attached to the deed to ensure that all subsequent land owners are aware of the fact that compliance must be maintained in perpetuity.

D.	D. Watershed & Waterbody (see Attachment A)					
	Watershed Name	Watershed Code	Primary Waterbody			
	Upper Buffalo River BT08-250 Buffalo River					
	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.					

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		Project Information (continued)
Yes	No	
		E. Project Target
$\boxtimes$		The project will control agricultural runoff.
	$\boxtimes$	2. The project will control urban runoff.
		F. Request for Funding for "Total Maximum Daily Load" Implementation
		<ol> <li>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, 2007) or an EPA-approved Total Maximum Daily Load (TMDL).</li> </ol>
		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, 2009.
		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 <b>Attachment B</b> , to the completed application form.
		H. Request for Retroactive Funding for Design Costs
	$\boxtimes$	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
$\boxtimes$		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."
		<ol> <li>There are endangered or threatened resources, as identified in s. 29.604, Wis. Stats., and ch. NR 27 in the project area.</li> </ol>
		2. There are archaeological sites, historical structures, burial sites, or other historic places identified in s. 44.45, Wis. Stats., in the project area.
	$\boxtimes$	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 of the soil and/or groundwater or potential for contamination in the project area.
		L. <u>Urban Projects Only</u> : Pro-rating for Existing versus New Development
		Project will serve existing development only. If no, provide attachments and the following:
		Percentage of total design volume that will be generated by <u>existing</u> development. (change default % if necessary)
		M. <u>Urban Projects Only</u> : Alternative Funding Possibility
		This applicant requests that the DNR also submit a copy of this application to the Clean Water Fund loan program.

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		Part I. Screening	<u>, ixeq</u> u		
No	A. Map An 8.5" x 11" topographic maattached.	ap from USGS or th	e DNR	data/map viewers, showing the pr	oject area, is
	_	•		R Funding Is Requested (check	all that apply)
	(see Attachment D for addition		ion)		
_	<u>Practice</u>	Wis. Adm. Code	_	<u>Practice</u>	Wis. Adm. Code
Ш	Manure Storage Systems	NR 154.04(3)	Ш	Riparian Buffers	NR 154.04(25)
	Manure Storage System Closure	NR 154.04(4)		Roofs	NR 154.04(26)
	Barnyard Runoff Control Systems	NR 154.04(5)		Roof Runoff Systems	NR 154.04(27)
	Access Roads & Cattle Crossings	NR 154.04(6)		Sediment Basins	NR 154.04(28)
$\boxtimes$	Animal Trails and Walkways	NR 154.04(7)		Shoreline Habitat Restoration	NR 154.04(29)
	Critical Area Stabilization	NR 154.04(10)		for Developed Areas	
$\boxtimes$	Diversions	NR 154.04(11)		Sinkhole Treatment	NR 154.04(30)
	Field Windbreaks	NR 154.04(12)		Subsurface Drains	NR 154.04(33)
	Filter Strips	NR 154.04(13)		Terrace Systems	NR 154.04(34)
	Grade Stabilization	NR 154.04(14)		Underground Outlets	NR 154.04(35)
	Heavy Use Area Protection	NR 154.04(15)		Waste Transfer Systems	NR 154.04(36)
	Lake Sediment Treatment	NR 154.04(16)	$\boxtimes$	Wastewater Treatment Strips	NR 154.04(37)
$\boxtimes$	Livestock Fencing	NR 154.04(17)		Water and Sediment Control	NR 154.04(38)
$\boxtimes$	Livestock Watering Facilities	NR 154.04(18)		Basins	
	Milking Center Waste Control Systems	NR 154.04(19)	$\boxtimes$	Waterway Systems	NR 154.04(39)
	Prescribed Grazing	NR 154.04(22)		Well Decommissioning	NR 154.04(40)
	Relocating or Abandoning Animal Feeding Operations	NR 154.04(23)		Wetland Development or Restoration	NR 154.04(41)
	Urban BMPs: NR 154.04(42)			mbank and Shoreline Protection: I	NR 154.04(31)
	Detention Basin			Stream Crossing	
	Wetland Basin			Streambank/Shoreline Rip-rappir	ng
	Filtration Practice			Streambank/Shoreline Shaping 8	Seeding
	Infiltration Practice			Streambank/Shoreline Fencing	
	Accelerated or High-efficiency Street Sweeping System			Other Streambank/Shoreline Pro- (incl. bio-engineering) - specify be	

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### Part I. Screening Requirements (continued)

	C.		rs : You must be able to answer "Yes" to questions 1-5 and "Yes" or " ble for a grant.	'N/A" (Not Applicable) to question 6 to be		
Yes	No					
$\boxtimes$		1.	Project will be completed within 24 months of the start of the gra	•		
		2.	Staff and contractors designated to work on this project have ac experience to implement the proposed project.	Staff and contractors designated to work on this project have adequate training, knowledge, and experience to implement the proposed project.		
$\boxtimes$		3.	Staff or contractual services, in addition to those funded by this	grant, will be provided if needed.		
		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)			
		5.	The local DNR Regional Nonpoint Source Coordinator (see Attathis project:	achment C) has been contacted about		
			Name of the Regional Nonpoint Source Date Coordinator Contacted Contacted	Subject of Contact		
				RM Grants/DNR water quality bjectives		
Yes	No	N/A ⊠	6. If this is an application to construct ponds in navigable stre waterway or wetland permit (chs. 30 or 281, Wis. Stats.) h  If yes, give the docket number and date of issuance.			
			Docket Number	Date of Issuance		
<b>f you</b> Yes			"No" to one or more of the items in question C above, saity: Reason For Controlling Nonpoint Source Pollution In The 1			
$\boxtimes$		1.	The need for compliance with performance standards established by the DNR in ch. NR 151.			
	$\boxtimes$	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 "303(d) List."			
		3.	The existence of outstanding or exceptional resource waters, as designated by the DNR in ss. NR 102.10 and NR 102.11.			
		4.		Other water quality concerns of statewide or national significance. (Important: You may only check this box, if you are eligible to score 10 points in Part II, Question #4 "Basin Priorities" of this application.)		
$\boxtimes$		5.	The existence of threats to public health.			
		6.	The existence of an animal feeding operation that has received a 243 or a notice of intent (NOI) to issue a notice of discharge.	a notice of discharge (NOD) under ch. NR		

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.

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### **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	04/08	Land Conservation Department (LCD)
Obtaining required permits	04/08	LCD-DNR-Zoning
Landowner contacts	Done	LCD
CSA signing	02/08	LCD-Landowner
Bidding	04/08	LCD
DNR approvals	03/08	LCD/DNR
Contract signing	02/08	LCD-Landowner
BMP construction	07/08	LCD-Contractor
Site inspection and certification	07/08	LCD
Project evaluation	12/09	LCD
Purchase street sweeper (urban only)		
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	В	С
Project Activity for Which <u>DNR Funding</u> is Requested	Estimated Total Cost (\$)	Amount from Column B Eligible for DNR Cost Sharing (\$)
Construction Components:		
Site Preperation	2,750	2,750
Concrete Flatwork	46,200	46,200
Concrete Walls	28,600	28,600
Sand/Breaker Rock/Gravel	8,800	8,800
Wastewater Treatment	6,050	6,050
Roof & Supporting Structure	44,000	44,000
Access Roads and Cattle Lanes	7,700	7,700
Fencing	3,850	3,850
Watering Facility	7,150	7,150
Seed, Mulch and Fertilizer	4,400	4,400
Diversion	1,650	1,650
Rebar	10,450	10,450
Earthfill	5,720	5,720
Site Preperation	2,750	2,750
1. Construction Subtotal	180,070	180,070
2. Engineering Services (including design)	9,003	9,003
3. Storm Sewer Reroute (Urban projects only)		
4. Structure Removal (Urban projects only)		
5. Subtotal [add rows 1-4]	189,073	189,073
6. Property Acquisition: Fee Title & Easement		
7. Grand Total [add rows 5 & 6]	189,073	189,073

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### Part II. Minimum Qualifications (continued)

### **Cost-Sharing Worksheet**

#### **Eligible Costs:**

Multiply the eligible costs (column C) by the percent for proration (if applicable) and the applicable cost-share rate. Enter the result in the column on the right.

		Prorate %	Cost-Share %	
8. Construction, engineering services, etc. (if other perce	ent, specify)	100%	70%	\$ 132,351
Costs Specific to Agricultural Projects:				
9. Land Purchase (Fee Title) \$	0	-	50%	\$ 0
10. Agricultural Easements \$ (	0	-	70%	\$ 0
Costs Specific to <b>Urban</b> Projects:				
11. Property Acquisition: Fee Title & Easement		100%	50%	\$ 0
12. Storm Sewer Rerouting		100%	50%	\$ 0
13. Structure Removal		100%	50%	\$ 0
14. Total Eligible Costs [sum (8) through (13)]				\$ 132,351
Cap Test:				
15. Maximum State Share [Lesser of (14) or \$150,000]				\$ 132,351
State & Local Share:				
<ol><li>Requested State-Share Amount (Requested Grant An</li></ol>	nount)			\$ 132,351
17. Local-Share Amount [(7), column B less (16)]				\$ 56,722

Method(s) Used to Calculate Cost Estimates

Based upon preliminary designs, LCD staff estimated quantities/units to be installed. Unit estimates are based upon recent competitive bids received for similar projects. If funded, this project shall be subject to the County's competitive bidding process and requirements.

### C. Cost-Effectiveness

- 1. Tangible Benefits
  - a. Primary Benefit:

List the nonpoint source pollutants to be controlled by the project.

Nitrogen, phosphorus, sediment, fecal coliform

I.	Casandani	Donofito
h	Secondary	Benefits.

Which of the following secondary benefits will be achieved by implementing this project? (check all that apply)

- Public safety
- ⊠ Economical operation, economical maintenance and enhanced life expectancy of the BMP
- Other (specify): Perpetual compliance with the Ag Performance Standards

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### Part II. Minimum Qualifications (continued)

#### 2. Cost-Effectiveness

Explain why the proposed project is cost-effective considering the environmental benefit(s) and cost of the project.

The Trempealeau County Land Conservation Department must, by County policy and State Law, provide the least cost alternative to landowners that will control the NPS pollution source and be a feasible practice for the landowner to maintain. If a producer decides to install a practice that is not the least cost alternative, public cost share is limited to the public cost share amount associated with the least cost alternative. Public investment associated with controlling NPS sources of pollution is limited to the costs of initial control. Once an Ag Performance Standard is complied with, compliance is tracked and must be maintained without further public investment in perpetuity. The Trempealeau County LCD has been contracting designing and installing practices to control sources of NPS pollution for over 25 years. The practices listed in this TRM grant application are the least cost alternative given the site limitations.

#### Yes No 3. Alternatives

 $\boxtimes$ 

a. There is more than one way to achieve the benefits checked above. If no, go to part b.

If yes, complete the following table with information for the alternative you have chosen and one or two
other alternatives. Note that the table requires information about the cost and pollutant load/potential
reductions.

	Alternatives Analysis					
	A	В	С	D		
		Cost	Effectiveness			
	Alternative	Estimated Amount	Estimated % of Pollutant Load Reduction	(B ÷ C) Cost-Effectiveness		
1	One Roofed Barnyard and One Conventional Barnyard	\$ 180,070	90	200,078		
2	Two Conventional Barnyards	149,820	60	249,700		
3	Lots Relocated	231,000	70	330,000		

2) If the applicant is not choosing the alternative with the lowest ratio of cost to pollutant load/potential reductions, explain why it was not chosen in terms of any of the following: feasibility, secondary benefits potential, or other mitigating factors.

b. If the answer to part 3.a. was **no**, explain why there is no other reasonable alternative to achieve the reduction in pollutant loading/potential or the secondary benefits checked above.

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### Part II. Minimum Qualifications (continued)

### **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.

### **Modeling & 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
	Sheet, rill and wind erosion	Acres meeting T	RUSLE-2 or wind erosion mode
$\square$	Manure Storage Facilities: New	Number of facilities	count
	Construction/Alterations	Number of animal units	count
	Manure Storage Facilities: Closure	Number of facilities	count
	Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	count
		Number of animal units	count
	Clean Water Diversions in WQMA	Pollutant load reduction	BARNY Model
		Number of farms with diversions	count
		Number animal units	count
	Nutrient Management on Agricultural Land	Acres planned	count
	Prohibition: Manure Storage Overflow	Number of facilities	count
		Number of animal units	count
1	Prohibition: Unconfined Manure Pile in WQMA	Number of farms	count
]	Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	BARNY Model
		Number of facilities	count
		Number of animal units	count
]	Prohibition: Unlimited Livestock Access	Feet of bank protected	count
		Number of farms	count
	Other Priority for Agricultural Area		
]	Buffers	Feet of bank protected	CREP formula
		Number of farms	count
	Streambank	Tons of bank erosion reduced	NRCS bank erosion formula
		Feet of bank protected	count
	Other (specify)		
	Priority for Developed Urban Area		
]	20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	SLAMM, P-8
		% TSS reduction	
]	Infiltration	% Pre-development stay-on volume	Recarga, SLAMM, P-8
		Cubic feet stay-on volume	
]	Peak flow discharge	Change in cubic feet per second	TR-55 or equivalent
- 1	Protective areas	Feet of bank protected	count
- 1	Fueling & maintenance areas	Oily sheen presence	visual assessment
-	Streambank	Tons of bank erosion reduced	NRCS bank erosion formula
			count
]		reet of bank protected	Count
]	Other (specify)	Feet of bank protected	Count

	Stream	mbank		Tons of bank erosion reduced	NRCS bank erosion for
				Feet of bank protected	count
	Other	(specify	y)		
'es	No	В.	Monitoring (not eligible for cost shar	ing at this time)	
The project evaluation strategy will provide pre- and post-project information from monitoring. If "Yes," check all that apply below.			ion from water resource		
		$\boxtimes$	The project will evaluate the physical	habitat, fisheries, biological, or chen	nical conditions.
			A one-page summary of the monitoring	ng strategy is attached.	

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			Part II. Minimum Qualifications (continued)
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.
Ques	tion 3	Fyide	nce of Local Support
Ques			evel of <u>local support</u> that <u>currently</u> exists for the proposed project.
			cultural Projects:
Voc	No	A.	Government
Yes	INO	<b>A.</b> 1.	Regulatory Situations If yes to both items (A.1.a & A.1.b) below, go to Question 4. Otherwise, continue to
		٠.	part A2 of this question.
		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 NR 151 or a local regulation.
$\boxtimes$		b.	At least one of the following is attached to this application form:
			<ol> <li>copy of the NOI issued under NR 243, or</li> </ol>
			2. copy of the NOD issue under NR 243, or
			<ol><li>copy of letter signed by DNR stating that DNR will issue an NOI or NOD under NR 243 if cost sharing is provided, or</li></ol>
			<ol> <li>copy of letter signed by DNR and the county that a notice, under s. NR 151.09 or 151.095, will be issued if necessary, or</li> </ol>
			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:
			<ul> <li>i. a detailed pollution control plan with the landowners that identifies specific best management practices (BMPs).</li> </ul>
			ii. general assessments of the pollution sources within the project area.
$\boxtimes$		b.	The governmental unit has contacted the landowner(s)/land operator(s) about the proposed BMP installations.
			If yes, provide details.
			Monson Farms was required to become permitted through the County Feedlot Performance Ordinance. As a condition of the permit, the facility is required to comply with all State Ag Performance Standards. ATCP50 does not allow the County to require an "existing" livestock facility to comply with State Ag Performance Standards and/or the requirements of local ordinances unless at least 70% cost share is offered. The owners of this facility fully understand that they must install all required practices if 70% cost share is offered. This application seeks to secure the cost share necessary for Trempealeau County to require the facility to comply with these standards.
Yes	No	В.	Landowners & Partners
_	_	1.	Level of Landowner Participation
	Ш	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.
$\boxtimes$		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).

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### Part II. Minimum Qualifications (continued)

DNR water quality and fisheries staff out of the Black River Falls Area Office.

$\boxtimes$		b.	Letters of support from the project partner(s) are attached.		
		Urba	n Projects:		
Yes	No	<b>A.</b> 1. a. b.	Government The local-share funds for the construction/installation expenses: are already included specifically in an <u>adopted</u> budget. will be included in a <u>proposed</u> 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	В.	Landowners		
		1.	The governmental unit:		
		a. b.	already owns, or holds an easement for, the land on which the project is to be installed. 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.		
Ques	tion 4.	Basin	Priorities (check one, A-H)		
	A.	F A	n 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 will reduce the type of nonpoint source pollutions for which the water is listed.		
	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.	F h	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 eason for the ranking on the NPS Rankings List.		
	D.		ndment 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.	Ame	ndment of the NPS Rankings List Using Other Data Sources		
		e	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.	Sour	ces of Information for Areas Not Included in State of the Basin Reports		
		L	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.		
Ш	G.		ernmental Notices		
			The applicant has checked "Yes" to both parts of Part II. Question 3. A 1.		

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## Part II. Minimum Qualifications (continued)

Н. Not Included in Other Categories Above

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### Part III. Competitive Elements

Questi	on 5.	Water	Quality	Needs

Manitowoc River

The water quality category which best identifies the water quality goals for the project <u>directly deals</u> with: (check one)

able

	Note:	For border waters where a State of the Basin Report does not exist, another governmental document acceptabl to the Regional Nonpoint Source Coordinator may be used to identify the water quality need.						
	Surfa	ce Water Considerations						
	A.	303(d) Listed Waterbody 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, <u>and</u> will reduce the type of nonpoint source pollutants for which the water is listed.						
	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 303(d) List.						
	C.	Threatened Waterbody A waterbody (lake or stream) viewed as "threatened" by nonpoint sources in a DNR State of the Basin report.						
	D.	Outstanding or Exceptional Resource Waters  Prevention of degradation due to nonpoint sources of outstanding or exceptional resource waters or high quality, recreationally significant waters, but not including waters listed as "threatened."						
	E.	Surface Water Quality  Prevention surface water quality degradation due to nonpoint sources. Waters in this category are neither high quality, recreationally significant waters nor "threatened" waters.						
	Grou	ndwater Considerations*						
	F.	Exceeds Groundwater Enforcement Standard  Groundwater within the project area where representative information indicates there are levels for NPS contaminants that exceed groundwater enforcement standards.						
	G.	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.						
	Н.	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.  *Work with the regional DNR drinking water and groundwater specialist or the county extension office.						
Bonu	s Poin	ts <sup>.</sup>						
Yes	No							
	$\boxtimes$	Water quality goals relate to the control of nonpoint source contaminants in public drinking water supplies.						
	1. a.	If yes, and the source of drinking water affected by the project area is groundwater, the project protects:  One wellhead						
		OR						
	b.	More than one wellhead						
	2.	If yes, and the source of drinking water affected by the project area is <u>surface water</u> , check the source water assessment area (drainage area) in which the project is located:						
		Pike River & Creek						
		Root River						
		Oak Creek Menominee River						
		Milwaukee River						
		Sauk Creek St. Louis & Nemadji Rivers						
		Sheboygan & Onion Rivers						

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## Part III. Competitive Elements (continued)

Quest	tion 6.	Exte	nt of Pollutant Control
Yes	No	A.	NR 151 Agricultural Performance Standards & Prohibitions
			The proposed project addresses at least one of the NR 151 agricultural performance standards and prohibitions. Indicate the performance standard(s) or prohibition(s) that is the focus of this project. (check all that apply)
		$\boxtimes$	a. Sheet, rill, and wind erosion. (NR 151.02)
		$\boxtimes$	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)
		$\boxtimes$	f. Nutrient management. (NR 151.07)
		$\boxtimes$	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 ft. of a stream, 1000 ft. of a lake, or areas where the groundwater is susceptible to contamination). (NR 151.08(3))
			<ul><li>i. Prohibition: Prevention of direct runoff from a feedlot or stored manure into waters of the state. (NR 151.08(4))</li></ul>
			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	В.	Other Water Resources Management Priority
			The proposed project addresses a water resources management priority other than an NR 151 agricultural performance standard or prohibition.
			If yes, describe the priority and how the project addresses this priority.
			The Village of Strum maintains one of the few fresh water swimming beaches in the County. Fecal coliform tests taken in 2001 and 2002 found fecal coliform levels up to 9 times the safe body contact level. Animal waste management practices installed on Monson Farms would reduce the level of fecal coliform in Crystal Lake. Monson Farms is one of the few livestock operations remaining in the watershed draining to Crystal Lake.
			The improvement/protection of the surface and ground water resources of the Upper Buffalo River Watershed has long been a priority of the Trempealeau County LCC/LCD. The County submitted the Upper Buffalo River Watershed as a Priority Watershed. The project was approved during the final year of project selection but not funded due to the elimination of funding and redesign of the States water quality program.
Yes	No	C.	Planning Data & Source Targeting
			The applicant has quantitative planning information that ranks pollution sources from highest to lowest in severity <u>and</u> the proposed project will manage a pollution source contained in the top 50% of the ranked list. If yes, provide:
			a. Description of planning data
		•	b. Name of document(s)
		•	c. Date(s) published
		•	d. Pertinent page numbers
		;	e. A copy of non-state document(s) is available:

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			Part III. C	Competitive Eleme	nts (continued)	
			At this website:	http://		
			Attached to this application	on form.		
			Contact this person:	Name:	Phone:	
Quest	tion 7.	Consister	ncy with Resource Manag	gement Plans		
Yes	No					
$\boxtimes$		The proje	ct implements a water qua	lity recommendation f	from a locally approved re	source management plan.
	Trempealeau County Soil Erosion Control Plan 1984 Trempealeau County Animal Waste Management Plan (Farmers Fund) 1986 Crystal Lake Lake Management Plan 1980's and 1990's Trempealeau County Land and Water Resource Management Plan 1999 / revised 2006 Trempealeau County Division of Land Management Plan - 2000/Revised 2005 Trempealeau County, the DNR and the Village of Strum have all fully understood that this Exceptional Water Resource is threatened by animal wastes and sedimentation. The sources of these NPS pollutants are ag related. In order to improve/protect this Exceptional surface water resource, it is necessary to systematically ensure compliance with the States Ag Performance Standards within this watershed. This has been a universal recommendation of all of the surface water resource plans within Trempealeau County since the early 1980's.					
Quest	tion 8.	Use of Ad	Iditional Funding			
Yes	No					
$\boxtimes$		A. The sta	ate share is below the \$150	0,000 cap.		
	$\boxtimes$	B. Fundin	g requested is below the n	naximum allowable co	st-share rate.	
Quest	tion 9.	City of Ra	cine			
Yes	No	-				
			application from the City omitting requirements.	of Racine for a project	that is necessary for the	city to comply with state storm

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### 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 <u>either</u> 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 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
$\boxtimes$		1.	Inform and educate landowners/operators about performance standards and prohibitions.	Land & Water Resource Management (LWRM) Plan	26, 31
				Division of Land Management Plan (DLM)	23,24,31,32
				Inter-Governmental Agreement (IGA) with DNR	5, 6
$\boxtimes$		2.	Conduct compliance status surveys, including on-site visits, for croplands and livestock facilities and convey compliance	Livestock Facilities Ordinance	9,10,14
			status to landowners/operators.	DLM Plan LWRM Plan	10,20,21,26
				IGA with DNR	28 – 31 6 – 12
		3.	Discuss with landowners/operators the best management practices needed to achieve compliance with performance standards and prohibitions.	Livestock Facilities Ordinance DLM Plan	9 9,10,20,21, 25,26
				LWRM Plan	28 – 31
				IGA with DNR	11
$\boxtimes$		4.	Seek financial assistance for landowners/operators to achieve compliance with performance standards &	LWRM Plan	17,20,22,25
			prohibitions.	DLM Plan IGA with DNR	26 12 – 14
		5.	Develop cost-share agreements with landowners/operators and provide them with technical assistance to achieve compliance with performance standards & prohibitions.	IGA with DNR 5 Priority Watershed Plans, LWRM Plan, Livestock Facilities Ordinance, AG160 Soil Erosion Control Plan, AG165 Animal Waste	15 – 17 Very Many
				Management Plan, DLM Plan	
		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	LWRM Plan DLM Plan	28 - 31 9,10,20,21, 22,26
			DNR when a landowner/operator does not comply with a notice issued under NR 151.09 or NR 151.095.	IGA with DNR	18, 19
		7.	Provide assistance to the Department of Natural Resources to issue notices under NR 151.09 and NR 151.095.	LWRM Plan IGA with DNR LCC/LCD Policy	27 14

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			Part IV. Eligibility	for Multipliers (con	tinued)	
		8.	In situations where local regulations do compliance with a performance standa	ard or prohibition, refer	Livestock Facilities Ordinance	15
			cases of non-compliance to the local of Department of Natural Resources.	listrict attorney or the	IGA with DNR	14
	If an item checked above is not covered by a LWRMP, an updated LWRMP work plan or a Agreement (IGA) with DNR, list the activity and identify who will carry it out.					vernmental
The Trempealeau County LCD shall provide assistance to DNR to issue notices under NR151.09 and NR151.095 in those rare instances where enforcement of the County's existing regulatory authority a insufficient to address a specific situation. The LCD staff person that shall assist DNR with the "T" a 590 Standards is Greg Leonard. The LCD staff person that shall assist DNR with animal waste prohib Standards is Carla Doelle. These assignments and others are clearly identified within the County Div of Land Management Plan and the IGA between Trempealeau County and the DNR.						

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

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### Part IV. Eligibility for Multipliers (continued)

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

The ten agricultural performance standards and prohibitions included in chapter NR 151 are listed below. For each of these performance standards and prohibitions, determine if a local regulation currently exists. If a local regulation exists, check the appropriate column based on whether the local regulation provides "full coverage" or "partial coverage" of the state standard. Definitions and examples of full coverage and partial coverage are provided in the Instructions.

state standard. Definitions and examples of full coverage and partial coverage are provided in the Instructions. <u>Title(s) of ordinance(s)</u> for which credit is taken in this section: **Livestock Facilities Performance Ordinance** Copies of ordinances for which credit is taken in this section are: Found at this website (provide http://www.tremplocounty.com/landmanagement most direct web page URL):  $\boxtimes$ Attached to this application form.  $\boxtimes$ Already submitted with another application. Full Partial Coverage Coverage Agricultural Performance Standards & Prohibitions Wis. Adm. Code M Sheet, rill and wind erosion NR 151.02 П 1. Manure Storage Facilities: New/Significant Alterations X 2. NR 151.05(2) П  $\boxtimes$ Manure Storage Facilities: Closure П 3. NR 151.05(3) X Manure Storage Facilities: Existing Failing/Leaking 4. NR 151.05(4)  $\boxtimes$ 5. Clean Water Diversions NR 151.06  $\boxtimes$ 6. **Nutrient Management** NR 151.07 M 7. Prohibition: Manure Storage Overflow NR 151.08(2) X 8. Prohibition: Unconfined Manure Pile NR 151.08(3)  $\boxtimes$ 9. Prohibition: Direct Runoff From Feedlot/Stored Manure NR 151,08(4) X 10. Prohibition: Unlimited Livestock Access NR 151.08(5) 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 http:// most direct web page URL): Attached to this application form. П Already submitted with another application. Yes No A. Local Implementation Program (factor .1) Implement a construction site erosion control ordinance consistent with the performance standards and 1. applicability requirements of s. NR 151.11. 2. Implement a pollution prevention information and education program targeted at residents, including property owners. Implement nutrient management for municipally owned properties where nutrients are applied to at least 3. five acres. (You may check "Yes" if this item does not apply.) П 4. Track, evaluate and report to DNR the status of erosion control and storm water permit activity. If all items (1-4) above are checked "Yes," go on to part B. Otherwise, stop here. No В. Yes **Local Enforcement Program** (factor .15) 1. There is a storm water management ordinance in effect for new development and re-development in the project area. The local regulation requires a written storm water plan.

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### Part IV. Eligibility for Multipliers (continued)

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 NR 151.12 are met.) (check all that apply)			
Yes	No			Non-Agricultural Performance Standards	Wis. Adm. Code	
			a.	Reduce total suspended solids per	NR 151.12(5)(a)	
			b.	Reduce peak flow discharge per	NR 151.12(5)(b)	
			c.	Achieve infiltration per	NR 151.12(5)(c)	
			d.	Protect riparian areas per	NR 151.12(5)(d)	
			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.

Trempealeau County requires Full Compliance with the Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151 through the County's Livestock Facilities Performance Standards Ordinance and Animal Waste Management Ordinance. Because Trempealeau County, in all instances, requires full compliance with all of the Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151 it is the position of Trempealeau County that the County should be awarded a multiplier of 1.25 for Part IV of the TRM Grant application. Trempealeau County provides the following rational for its position:

- The Department of Natural Resources and Trempealeau County agree that agricultural producers are required to comply with all Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151. However, this requirement, for "existing" facilities, is contingent upon offers of sufficient cost share.
- Counties are required to detail an NR151 implementation strategy in their County Land and Water Resource Management Plans. This strategy is required to include a definition of "Priority Farms" to identify upon which farms the county intends to focus its implementation efforts. The County Land and Water Resource Management Plan identifies "Priority Farms" as those farms that are required to comply with all Agricultural Performance Standards and Prohibitions as a condition of being a permitted agricultural facility (refer to page 26 of the attached County Land and Water Resource Management Plan).
- Trempealeau County, through its Division of Land Management Plan and Land and Water Resource Management Plan, has detailed an implementation strategy that focuses on utilizing the County's regulatory authority to require full compliance with all NR151 Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151 on those agricultural facilities that are "new" and upon "existing" facilities that are "expanding" (refer to pages 24-28 of the attached Division of Land Management Plan and Chapter 5 of the Land and Water Resource Management Plan).
- The Trempealeau County Livestock Facilities Performance Standards Ordinance requires that all "new" or the "expansion" of "existing" facilities comply with all Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151 (refer to 15.03(1), 15.04(1)(c), 15.04(2)(r), 15.06(1)(a-g), 15.07(1)(a-e) and 15.11 of the Trempealeau County Livestock Facilities Performance Standards Ordinance). The Livestock Facilities Permit Checklist requires that permit applicants verify their current compliance status with all of the Agricultural Performance Standards and Prohibitions contained within Subchapter II of NR151 (refer to attached Trempealeau County Livestock Facility Permit Application).
- Trempealeau County requires that all agricultural producers seeking financial or technical assistance from the Land Conservation Department cooperate in an on site full farm evaluation to determine current compliance with all Agricultural Performance Standards and Prohibitions on all parcels owned and operated by the producer. The onsite full farm compliance evaluations determine current compliance with all Agricultural Performance Standards and Prohibitions (refer to the attached Trempealeau County Minimum Resource Management Standards Checklist).
- Trempealeau County approved, signed and forwarded to DNR an Inter-Governmental Agreement (IGA) that clarifies the roles and responsibilities of the County and DNR in the implementation of NR151. This IGA has been reviewed by DNR and shall be signed by DNR in April, 2007.

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### Part IV. Eligibility for Multipliers (continued)

### **Applicant Certification**

An Authorized Representative must sign and date the application form prior to submittal to the DNR. All four 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

David Appleyard Land Conservation Department Director

[name and title]

Telephone Number 715-538-2311, Ext. 261

Fax Number **715-538-4132** 

E-Mail Address appled@tremplocounty.com

Mailing Address Courthouse, P.O. Box 67 Whitehall WI 54773

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

- One copy of the completed application form (DNR Form 8700-300 (R 1/07)) with original signature in blue ink
- Three additional copies of the completed, signed application form
- One electronic copy of the completed application form on CD or diskette

All application materials must be postmarked by midnight April 16, 2007.

Send to: Department of Natural Resources Attn: Kathy Thompson, WT/2 P.O. Box 7921

Madison, WI 53707-7921