

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 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)

Waupaca County Land & Water Conservation Department

Name of Authorized Representative (First Last) Bruce Bushweiler			Name of Governmental Contact Person (First Last) (if different) Brian Haase		
Title County Conservationist			Title Engineering Technician		
Area Code + Telephone Number 715/258-6245			Area Code + Telephone Number 715/258-6482		
Area Code + Fax Number 715/258-6239			Area Code + Fax Number 715/258-6239		
E-Mail Address bbushw@co.waupaca.wi.us			E-Mail Address bhaase @co.waupaca.wi.us		
Mailing Address - Street or Route 811 Harding Street			Mailing Address - Street or Route 811 Harding Street		
City Waupaca	State WI	Zip Code 54981	City Waupaca	State WI	Zip Code 54981

Consulting Firm Name (if applicable)

NA

Consulting Contact Person Name

NA

Title

NA

Area Code + Telephone Number

NA

Area Code + Fax Number

NA

E-Mail Address

NA

Mailing Address - Street or Route

NA

City

NA

State

NA

Zip Code

NA

DNR Use Only

Project Information

A. Project Name

Maple Creek - Wepner Farms Project

TRM Grant Project Name Maple Creek - Wepner Farms Project

Project Information (continued)

B. Project Area Location

County

Waupaca

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)	Longitude (West, degrees, minutes, seconds)
Town of Lebanon	23	14	E	5	SW	SE	44° 29' 20.3"	88° 49' 52.4"
Town of Lebanon	23	14	E	8	NW	NE	44° 29' 20.3"	88° 49' 52.4"

Method for Determining Latitude & Longitude (check one)

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

County GIS

C. Project Summary

Wepner Farms is a dairy operation in the Town of Lebanon that is comprised of approximately 410 milk cows with replacements and 130 beef cattle, totaling about 850 animal units. The primary issue is an inadequate winter spreadable land base. Wepner Farms is about 115 acres short of winter spreadable land in order to meet a NRCS 590 nutrient management plan. Wepner Farms has been the subject of several animal waste spreading complaints received by the Waupaca County LWCD over the past few winters. A secondary issue is barnyard runoff to a waterway from replacement cow feedlots. The vast majority of Wepner Farms' land base drains to Maple Creek which is part of the Mainstem Embarrass River Watershed. The Embarrass River is ranked high in all four of the DNR's Nonpoint Source Ranking categories and is also listed as an Exceptional Resource Water. The Embarrass River also ranks 2nd highest in animal waste pollution within Waupaca County.

The BMP's planned for the Wepner operation are a Manure Storage, Milkhouse Waste Control, and Waste Transfer System to collect manure from all sources on the farm. Also planned are a Barnyard Runoff Control System and Roof Runoff Management System to contain runoff from existing feedlots. Nutrient Management Planning will also be required as part of the system.

D. Watershed & 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
Embarrass River	WR09	Embarrass River	Maple Creek

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.

TRM Grant Project Name Maple Creek - Wepner Farms Project

Project Information (continued)

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, 2008) 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, 2010.

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 <u>existing</u> development. (change default % if necessary)
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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.

TRM Grant Project Name

Maple Creek - Wepner Farms Project

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)

<u>Practice</u>	<u>Wis. Adm. Code</u>	<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 type="checkbox"/> Roofs	NR 154.04(26)
<input checked="" type="checkbox"/> Barnyard Runoff Control Systems	NR 154.04(5)	<input checked="" type="checkbox"/> Roof Runoff Systems	NR 154.04(27)
<input checked="" 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 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"/> Well Decommissioning	NR 154.04(40)
<input checked="" type="checkbox"/> Milking Center Waste Control Systems	NR 154.04(19)	<input type="checkbox"/> Wetland Development or Restoration	NR 154.04(41)
<input type="checkbox"/> Prescribed Grazing	NR 154.04(22)		
<input type="checkbox"/> Relocating or Abandoning Animal Feeding Operations	NR 154.04(23)		

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 Maple Creek - Wepner Farms Project

Part I. Screening Requirements (continued)

C. Filters

Note: You must be able to answer "Yes" to questions 1 through 5 and "Yes" or "N/A" (Not Applicable) to Question 6 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
Craig Webster	4/02/08	Project Scope

- | | | | |
|--------------------------|--------------------------|-------------------------------------|---|
| 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."

- | | | | |
|--------------------------|--------------------------|-------------------------------------|---|
| | | | 7. If this is a proposed urban 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. |

If you answered "No" to one 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 "303(d) List." |
| <input checked="" type="checkbox"/> | <input 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 box if you are eligible to score ten (10) points in Part II, Question 4 "Basin Priorities" of this application.) |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 5. The existence of threats to public health. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | 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.

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TRM Grant Project Name
Maple Creek - Wepner Farms Project

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	1/2009	LWCD, DATCP Engineering Staff
Obtaining required permits	2/2009	LWCD
Landowner contacts	2/2009	LWCD
CSA signing	2/2009	LWCD
Bidding	3/2009	LWCD
DNR approvals	3/2009	LWCD, DNR
Contract signing	4/2009	LWCD
BMP construction	6/2009	LWCD, Contractor
Site inspection and certification	8/2009	LWCD, DATCP Engineering Staff
Project evaluation	10/2009	LWCD
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:		
Manure Storage System	136,800	136,800
Barnyard Runoff Control	24,600	24,600
Access Road and Cattle Crossing	4,200	4,200
Milk Center Waste Control System	6,000	6,000
Roof Runoff System	2,960	2,960
Waste Transfer System	51,300	51,300
590 Nutrient Management Plan	37,800	0
1. Construction Subtotal	\$263,660	\$225,860
2. Engineering Services (including design)	\$0	\$0
3. Storm Sewer Reroute (Urban projects only)	\$0	\$0
4. Structure Removal (Urban projects only)	\$0	\$0
5. Subtotal [add rows (1) through (4)]	\$263,660	\$225,860
6. Property Acquisition: Fee Title & Easement	\$0	\$0
7. Grand Total [add rows (5) and (6)]	\$263,660	\$225,860

TRM Grant Project Name
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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 percent, specify)		100%	70%	\$ 158,102
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)]				\$ 158,102
Cap Test:				
15. Maximum State Share: [(row 14) or \$150,000, whichever is less]				\$ 150,000
State & Local Share:				
16. Requested State-Share Amount (Requested Grant Amount)				\$ 150,000
17. Local-Share Amount: [(row 7), Column B. less (row 16)]				\$ 113,660

Method(s) Used to Calculate Cost Estimates

LWCD used a preliminary design of the project to make cost estimates.

C. Cost-Effectiveness

1. Tangible Benefits

a. Primary Benefit:

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

Phosphorous, nitrogen and bacteria to both surface and ground water.

b. Secondary Benefits:

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

Fish and wildlife habitat enhancement

Enhancements to recreation

Public safety

Economical operation, economical maintenance and enhanced life expectancy of the BMP

Other (specify): Improve neighborhood relations by eliminating daily hauling of liquid manure to snow covered and frozen fields close to residential areas.

TRM Grant Project Name
Maple Creek - Wepner Farms Project

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 design estimate uses the least cost manure storage option available for the soil conditions on this farmstead. Animal lot runoff will also be stored, eliminating any runoff to waters of the state.

Yes No

3. Alternatives
a. There is more than one way to achieve the benefits checked above. If “No,” go to part b.
1) 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 for each alternative considered.

Alternatives Analysis				
	A.	B.	C.	D.
	Alternative	Cost	Effectiveness	(B. ÷ C.) Cost-Effectiveness
		Estimated Amount	Estimated % of Pollutant Load Reduction	
1		\$	%	
2		\$	%	
3		\$	%	

- 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.
Long term manure storage is the only practice available to allow the landowner to stop over application of nutrients to safe fields or frozen ground application of nutrients to fields within the Water Quality Management Area. The landowner has not been able to acquire a larger land base that meets winter spreadable criteria in this intensive agricultural community.

TRM Grant Project Name
Maple Creek - Wepner Farms Project

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.

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
<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 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 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.

TRM Grant Project Name
Maple Creek - Wepner Farms Project

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.

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.*
- 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.
- b. At least one of the following is attached to this application form:
1. copy of the NOI issued under NR 243, or
 2. copy of the NOD issue under NR 243, or
 3. copy of letter signed by DNR stating that DNR will issue an NOI or NOD under 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 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 LWCD has completed a preliminary design for the project. The landowner agrees to install the project as designed.

- Yes No **B. Landowners & 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).

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

TRM Grant Project Name
Maple Creek - Wepner Farms Project

Part II. Minimum Qualifications (continued)

Urban Projects:

- | | | |
|--------------------------|--------------------------|---|
| Yes | No | A. Government |
| | | 1. The local-share funds for the construction/installation expenses: |
| <input type="checkbox"/> | <input type="checkbox"/> | a. are already included specifically in an <u>adopted</u> budget; |
| <input type="checkbox"/> | <input type="checkbox"/> | b. will be included in a <u>proposed</u> budget. |
| <input type="checkbox"/> | <input type="checkbox"/> | 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: |
| <input type="checkbox"/> | <input type="checkbox"/> | a. already owns, or holds an easement for, the land on which the project is to be installed; |
| <input type="checkbox"/> | <input type="checkbox"/> | 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. |
| <input type="checkbox"/> | <input type="checkbox"/> | 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
Maple Creek - Wepner Farms Project

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 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

- Water quality goals relate to the control of nonpoint source contaminants in public drinking water supplies.
- 1. If "Yes," and the source of drinking water affected by the project area is groundwater, the project protects:
 - a. One wellhead protection area;*
 - OR
 - b. More than one wellhead protection area.*
- 2. If "Yes," and the source of drinking water affected by the project area is surface water, check the source water assessment area (drainage area) in which the project is located:

<input type="checkbox"/> Pike River & Creek	<input type="checkbox"/> Twin Rivers
<input type="checkbox"/> Root River	<input type="checkbox"/> Kewaunee & 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 & Nemadji Rivers
<input type="checkbox"/> Sheboygan & Onion Rivers	<input checked="" type="checkbox"/> Lake Winnebago
<input type="checkbox"/> Manitowoc River	

*Contact the Regional DNR Drinking Water and Groundwater Specialist or the county extension office.

TRM Grant Project Name
Maple Creek - Wepner Farms Project

Part III. Competitive Elements (continued)

Question 6. Extent 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/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 an NR 151 agricultural performance standard or prohibition.
- If "Yes," describe the priority and how the project addresses this priority.

- 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. Description of planning data;
Planning data is based on Waupaca County Animal Waste Plan and the State of the Wolf Basin Plan (publ WT664 2001)
 - b. Name of document(s);
Waupaca County Land and Water Resource Management Plan
 - c. Date(s) published;
2006
 - d. Pertinent page numbers.
Chapter 3
 - e. A copy of non-state document(s) is available:
 - At this website; <http://www.co.waupaca.wi.us>
 - Attached to this application form.

TRM Grant Project Name
Maple Creek - Wepner Farms Project

Part III. Competitive Elements (continued)

Contact this person: Name: **Bruce Bushweiler** Phone: **715/258-6245**

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. Cite the name and date(s) of publication of the document.

The "Waupaca County Land and Water Resource Management Plan" - 2006 identifies the North Branch and Mainstem Embarrass Watershed (WR09) as second of nine for potential water pollution caused by animal waste. The Water Quality recommendation centers on addressing the NR151 prohibitions in the "Water Quality Management Area".

The "Winnebago Comprehensive Management Plan" - 2001 ranked this watershed a "high" priority because of critical animal waste and soil erosion problems. The data search for the Wolf River Basin Plan indicates severe polluted runoff problems exist, with heavy soil losses, impaired fisheries, excess vegetation, and dissolved oxygen violations. Conservation Warden Mark Beilfuss documented significant runoff concerns along the Mainstem of the Embarrass River at the confluence of the Wolf River. Photographs of the river show high levels of turbidity and total suspended solids during a summer storm.

Question 8. Use of Additional Funding

Yes No

- A. The 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 Maple Creek - Wepner Farms Project

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	57
<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	53
<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	54
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Seek financial assistance for landowners/operators to achieve compliance with performance standards and prohibitions.	LWRM Plan	56
<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	54
<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 NR 151.09 or NR 151.095.	LWRM Plan	65
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Provide assistance to the Department of Natural Resources to issue notices under NR 151.09 and NR 151.095.	LWRM Plan	55
<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	55

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.

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

TRM Grant Project Name
Maple Creek - Wepner Farms Project

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 for which the cost share is being provided at the specific site being funded.

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 (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? Yes No		If there is a local regulation which addresses the specific site being funded, list the name and applicable section of the ordinance.	
<input type="checkbox"/>	a. Sheet, rill, and wind erosion. (NR 151.02)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	b. Manure storage facilities: new/significant alterations. (NR 151.05(02))	100%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manure Storage Ordinance Sec 10.52 (A) and Land Spreading Manure Ordinance
<input type="checkbox"/>	c. Manure storage facilities: closure (NR 151.05(03))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	d. Manure storage facilities: existing failing/leaking. (NR 151.05(4))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	e. Clean water diversions. (NR 151.06)		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	f. Nutrient management. (NR 151.07)	0%	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Manure Storage Ordinance Sec 10.52 (B) and Land Spreading Manure Ordinance
<input type="checkbox"/>	g. Prohibition: Prevention of overflow from manure storage facilities. NR 151.08(2))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input 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))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
<input type="checkbox"/>	i. Prohibition: Prevention of direct runoff from a feedlot or stored manure into waters of the state. (NR 151.08(4))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	

TRM Grant Project Name Maple Creek - Wepner Farms Project

Part IV. Eligibility for Multipliers (continued)

<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))		<input type="checkbox"/>	<input checked="" type="checkbox"/>	
		Sum of %:			

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 <http://www.co.waupaca.wi.us> most direct web page URL);
- Attached to this application;
- Already submitted with another application for CY 2009 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 <http://> most direct web page URL);
- Attached to this application form;
- Already submitted with another application.

- Yes No **A. Local Implementation Program (factor 0.1)**
- 1. Implement a construction site erosion control ordinance consistent with the performance standards and applicability requirements of s. NR 151.11.
 - 2. Implement a pollution prevention information and education program targeted at residents, including property owners.
 - 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 not apply.)
 - 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.

- Yes No **B. Local Enforcement Program (factor 0.15)**
- 1. There is a storm water management ordinance in effect for new development and re-development in the project area.
 - 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 NR 151.12 are met.) (check all that apply)

Yes	No	Non-Agricultural Performance Standards	Wis. Adm. Code
<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)
<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)

TRM Grant Project Name
Maple Creek - Wepner Farms Project

Part IV. Eligibility for Multipliers (continued)

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.

When this project is completed, the farm will comply with NR151 rules.

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 4/14/08
Bruce Busheiler, County Conservationist, Telephone Number 715/258-6245 E-Mail Address bbushw@co.waupaca.wi.us Mailing Address 811 Harding Street, Waupaca, WI, 54981	

[name and title, please print]
 Fax Number **715/258-6239**

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 1/08)] 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, 2008**.

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