

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)

Kewaunee, County of

Name of Authorized Representative (First, Last) Andy Wallander			Name of Governmental Contact Person (First Last) (if different) Davina Bonness		
Title County Conservationist			Title Water Quality Specialist		
Area Code + Telephone Number 920-845-1360 x 107			Area Code + Telephone Number 920-845-1360 x 112		
Area Code + Fax Number 920-845-1364			Area Code + Fax Number same		
E-Mail Address wallanda@kewauneeeco.org			E-Mail Address bonnessd@kewauneeeco.org		
Mailing Address - Street or Route 127 Commerce Drive			Mailing Address - Street or Route Same		
City Luxemburg	State WI	Zip Code 54217	City	State	Zip Code

Consulting Firm Name (if applicable)

N/A

Consulting Contact Person Name

Title

Area Code + Telephone Number		
Area Code + Fax Number		
E-Mail Address		
Mailing Address - Street or Route		
City	State	Zip Code

DNR Use Only		

Project Information

A. Project Name

Paral Manure Storage

B. Project Area Location

County

Kewaunee

TRM Grant Project Name
Paral Manure Storage

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)
West Kewaunee Township	23	24E	31	NW	NW	44 25' 39.7"	87 38' 29.9"

Method for Determining Latitude & Longitude (check one)

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

C. Project Summary

Under this East Twin River Watershed Project, the BMP NR 154.04 (3) Manure Storage System is being planned for Brian Paral who currently has inadequate manure storage facilities for his 170 cows, 150 heifers, and their replacements, (403 Animal Units). His current manure storage was built as a temporary storage in 1998 and fills up in 23 days. With spreading restrictions in the winter increasing, the land that Paral owns to spread decreases due to the close vicinity of the East Twin River.

The East Twin River Watershed has a high concern for surface water ranking and the portion of the river that lies above Hwy 29, is considered as an exceptional resource water. Nonpoint source impacts know to this watershed include sediments, nutrients, and habitat degradation. In addition, according to the Lakeshore State of the Basin Report, the East Twin River Watershed has a 76.0 groundwater contamination potential, in which restoration work is highly recommended.

Brian Paral's farm is encompassed by water quality issues (see attached maps). The East Twin River surrounds his farm and acres available for application of winter manure. Furthermore, a vast wetland lies just south of the southern border of his property. An un-named tributary of the East Twin River runs directly through his farm site allowing sediment, nutrients, and other runoff to be carried into the East Twin River. The addition of roof gutters will allow less clean water to fall on the barnyards and carry away contaminated water.

The LWCD is proposing building a reception pit (12' x 12' x 6' deep) and a concrete manure storage (100' x 257' x 8' deep). This will give Paral 8 months of storage, which will get him through wet falls, winter, and wet springs. His current storage would act as a sand settling pit and the liquids would be pumped into the new storage. Paral has approximately 83 acres of land that is suitable for winter spreading due to the East Twin River and required setbacks, and for his 403 animal units, that is only 0.2 acres per animal units. This acreage is not sufficient for winter spreading manure wastes. The manure storage will address several water quality issues, including nutrient and habitat degradation and surface and groundwater quality. In addition, Paral will have enough storage to store manure over the winter allowing him to not have to spread. The issuance of a manure storage permit by the county will require Paral to follow a nutrient management plan.

D. Watershed & Waterbody (see Attachment A)

Watershed Name	Watershed Code	Primary Waterbody
East Twin River	TK02-080	East Twin 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.

Yes No

E. Project Target

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

F. Request for Funding for "Total Maximum Daily Load" Implementation

TRM Grant Project Name
Paral Manure Storage

Project Information (continued)

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, 2007) 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, 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 **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 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:

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

M. Urban Projects Only: Alternative Funding Possibility

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

TRM Grant Project Name Paral Manure Storage

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.

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 type="checkbox"/> Barnyard Runoff Control Systems	NR 154.04(5)	<input checked="" type="checkbox"/> Roof Runoff Systems	NR 154.04(27)
<input type="checkbox"/> Access Roads & Cattle Crossings	NR 154.04(6)	<input type="checkbox"/> Sediment Basins	NR 154.04(28)
<input type="checkbox"/> Animal Trails and Walkways	NR 154.04(7)	<input type="checkbox"/> Shoreline Habitat Restoration for Developed Areas	NR 154.04(29)
<input type="checkbox"/> Critical Area Stabilization	NR 154.04(10)	<input type="checkbox"/> Sinkhole Treatment	NR 154.04(30)
<input 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 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 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)		
Urban BMPs: NR 154.04(42)		Streambank and Shoreline Protection: NR 154.04(31) (includes associated fencing)	
<input type="checkbox"/> Detention Basin		<input type="checkbox"/> Stream Crossing	
<input type="checkbox"/> Wetland Basin		<input type="checkbox"/> Streambank/Shoreline Rip-rapping	
<input type="checkbox"/> Filtration Practice		<input type="checkbox"/> Streambank/Shoreline Shaping & Seeding	
<input type="checkbox"/> Infiltration Practice		<input type="checkbox"/> Streambank/Shoreline Fencing	
<input type="checkbox"/> Accelerated or High-efficiency Street Sweeping System		<input type="checkbox"/> Other Streambank/Shoreline Protection (incl. bio-engineering) - specify below	

Other (specify)

TRM Grant Project Name
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Part I. Screening Requirements (continued)

C. Filters

Note: You must be able to answer "Yes" to questions 1-5 and "Yes" or "N/A" (Not Applicable) to question 6 to be eligible for a grant.

Yes No

- 1. Project will be completed within 24 months of the start of the grant period.
- 2. Staff and contractors designated to work on this project have adequate training, knowledge, and experience to implement the proposed project.
- 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 **Attachment C**) has been contacted about this project:

Name of the Regional Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
John Young & Richard Sachs	2-27-2007	TRM Grant Applicant
John Young	3/26/07	TRM Application

Yes No N/A

- 6. If this is an application to construct ponds in navigable streams or in wetlands, the necessary waterway or wetland permit (chs. 30 or 281, Wis. Stats.) has been received.
If yes, give the docket number and date of issuance.

Docket Number	Date of Issuance

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

- 1. The need for compliance with performance standards established by the DNR in ch. NR 151.
- 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.)
- 5. The existence of threats to public health.
- 6. The existence of an animal feeding operation that has received a notice of discharge (NOD) under ch. NR 243 or a notice of intent (NOI) to issue a notice of discharge.

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

TRM Grant Project Name
Paral Manure Storage

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	April 2006	Land Water Conservation Technician
Obtaining required permits	March-June 2008	Land Water Conservation Staff
Landowner contacts	February 2006 -- Current	Land Water Conservation Staff & NRCS
CSA signing	January 2008	Land Water Conservation Staff
Bidding	September -- December 2007	Land Water Conservation Staff & Landowner
DNR approvals	Sept -- Dec 2006	Land Water Conservation Staff
Contract signing	January 2008	Land Water Conservation Staff
BMP construction	May/June 2008	Hired Contractor
Site inspection and certification	September 2008	Land Water Conservation Staff
Project evaluation	September 2008	Land Water Conservation Staff
Purchase street sweeper (urban only)	N/A	
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:		
Excavation (7387 cubic yards)	18,468	18,468
Sand/Gravel (544 cubic yards)	4,842	4,842
5" Slab (23,367 square feet)	70,101	70,101
8' wall (719 linear feet)	57,520	57,520
2' wall (20 linear feet)	740	740
4' wall (20 linear feet)	1,220	1,220
6' wall (20 linear feet)	1,400	1,400
12" PVC pipe (100 linear feet) with fitting	1,500	1,500
Fence (698 linear feet)	2,792	2,792
16' gate	113	113
Seeding	500	500
Reception Pit (pump, pit, air line cleaner) 8x10x30	42,000	42,000
Sump Pump & Pipe for Milkhouse Waste & Walkway Runoff	6,700	6,700
Roof Gutters (100 linear feet)	550	550
1. Construction Subtotal	\$208,446	\$208,446
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 1-4]	\$208,446	\$208,446
6. Property Acquisition: Fee Title & Easement	\$0	\$0
7. Grand Total [add rows 5 & 6]	\$208,446	\$208,446

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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%	\$ 145,912
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 & 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)]				\$ 145,912
Cap Test:				
15. Maximum State Share [Lesser of (14) or \$150,000]				\$ 145,912
State & Local Share:				
16. Requested State-Share Amount (Requested Grant Amount)				\$ 145,912
17. Local-Share Amount [(7), column B less (16)]				\$ 62,534

Method(s) Used to Calculate Cost Estimates

A full topographic survey and design were done by the Land & Water Conservation Technician before costs were derived. We also did soil test pits to determine soils on 8-3-2006. Once sizes and design work were completed, we used average cost estimates of each component (excavation, concrete, ect) as determined by surrounding county costs average sheets from the year prior, and determined by the Land & Water Conservation Staff using various engineering spreadsheets developed for Wisconsin.

C. Cost-Effectiveness

1. Tangible Benefits

a. Primary Benefit:

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

Paral will be able to store Nutrients from cow manure and milkhouse waste (Nitrogen & Phosphorus) instead of spreading in the wet springs and falls, and spreading in winter.

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): _____

TRM Grant Project Name
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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 BMP's used here are the most cost effective. The concrete manure storage is the most economical and environmentally friendly way to store Paral's liquid manure and milkhouse waste due to the sandy/gravel soils that were found in the soil test pits done on 8-3-2006 and because of the close proximity to the East Twin River. In addition, Paral will have more than his current 23 days of storage and the requirement of a nutrient management plan will insure that the manure is properly utilized.

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.

Alternatives Analysis				
	A	B	C	D
	Alternative	Cost	Effectiveness	(B ÷ C) Cost-Effectiveness
		Estimated Amount	Estimated % of Pollutant Load Reduction	
1	Concrete Manure Storage	\$ 208,446	100 %	208,446
2	SlurryStore Manure Structure	\$ 217,300	100 %	217,300
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.

Expanding his current concrete manure storage is not an option because of the location of the pit. He is limited by space to expand and there are several limitations due to strength and design of concrete walls to increase the size of the current concrete walls on the existing storage, therefore, the most cost effective way to achieve the reduction in agricultural runoff from the farm and decrease winter spreading on his land is to build another storage. His current storage would than act as a sand settling pit and the liquids would be pumped to the new storage. Paral will need enough storage to get through the winter & spring. 180 days of capacity in this manure storage will allow the application of manure in a timely manner.

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.

TRM Grant Project Name
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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.

A. 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
<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 & 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
Paral Manure Storage

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 yes to both items (A.1.a & A.1.b) below, go to Question 4. Otherwise, continue to 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.
- 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.

We have worked closely with Brian Paral during the design process and he understands the environmental concerns of his current farm site and the lack of winter spreadable acreage. He wants to increase his manure storage capacity to deal with his nutrient runoff problems and eliminate the need to winter spread. If funded, Paral agreed to sign a cost-share agreement and pay 30% of the costs.

- 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
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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-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** will reduce the type of nonpoint source pollutants 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. 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**

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Paral Manure Storage

Part III. Competitive Elements

Question 5. Water Quality Needs

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

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. 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, **and** 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.

Groundwater 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**.
- H. 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.*

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
 - OR
 - b. More than one wellhead
 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 checked="" 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 type="checkbox"/> Lake Winnebago
<input type="checkbox"/> Manitowoc River	

TRM Grant Project Name
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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 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 ft. of a stream, 1000 ft. 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

b. Name of document(s)

c. Date(s) published

d. Pertinent page numbers

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

At this website: http://

Attached to this application form.

Contact this person: Name: Phone:

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Part III. Competitive Elements (continued)

Question 7. Consistency with Resource Management Plans

Yes No

- The project implements a water quality recommendation from a locally approved resource management plan. Summarize the water quality recommendation. Cite the name and date(s) of publication of the document.
Kewaunee County Land & Water Resource Management Plan. This Plan is a local NR151 Implementation Strategy that outlines the strategy for protecting Kewaunee County's local surface and groundwater quality primarily through local implementation of the agricultural nonpoint source pollution control performance standards and prohibitions contained with Chapter NR151 of the Wisconsin Administrative Code.

Question 8. Use of Additional Funding

Yes No

- A. The state share is below the \$150,000 cap.
 B. Funding requested is below the maximum allowable cost-share rate.

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.

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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 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 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.	LWRMP	48
<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.	LWRMP	48-49
<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.	LWRMP	49
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Seek financial assistance for landowners/operators to achieve compliance with performance standards & prohibitions.	LWRMP	50
<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 & prohibitions.	LWRMP	51
<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.	LWRMP	50
<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.	LWRMP	52
<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.	LWRMP	52-53

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

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

TRM Grant Project Name
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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.

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

Kewaunee County Manure Storage Ordinance

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.

Full Coverage	Partial Coverage	Agricultural Performance Standards & Prohibitions	Wis. Adm. Code
<input checked="" type="checkbox"/>	<input type="checkbox"/>	1. Sheet, rill and wind erosion	NR 151.02
<input checked="" type="checkbox"/>	<input type="checkbox"/>	2. Manure Storage Facilities: New/Significant Alterations	NR 151.05(2)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	3. Manure Storage Facilities: Closure	NR 151.05(3)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	4. Manure Storage Facilities: Existing Failing/Leaking	NR 151.05(4)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. Clean Water Diversions	NR 151.06
<input checked="" type="checkbox"/>	<input type="checkbox"/>	6. Nutrient Management	NR 151.07
<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. Prohibition: Manure Storage Overflow	NR 151.08(2)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	8. Prohibition: Unconfined Manure Pile	NR 151.08(3)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	9. Prohibition: Direct Runoff From Feedlot/Stored Manure	NR 151.08(4)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	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.
- Already submitted with another application.

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

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

- | | | |
|--------------------------|--------------------------|--|
| Yes | No | B. Local Enforcement Program (factor .15) |
| <input type="checkbox"/> | <input type="checkbox"/> | 1. There is a storm water management ordinance in effect for new development and re-development in the project area. |
| <input type="checkbox"/> | <input type="checkbox"/> | 2. The local regulation requires a written storm water plan. |

TRM Grant Project Name
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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
<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)

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.

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
Andy Wallander County Conservationist Telephone Number 920-845-1360 x 107 E-Mail Address wallanda@kewauneeco.org Mailing Address 127 Commerce Drive Luxemburg WI 54217	<i>[name and title]</i> Fax Number 920-845-1364

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