

**Notice:** Application is hereby made to the Wisconsin Department of Natural Resources, Bureau of Watershed Management for grant assistance consistent with s. 281.66, Wis. Stats., and Chapter NR 155, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.66, Wis. Stats. The information contained in this form will be used for program budget analysis and project evaluation in the Urban Nonpoint Source Water Pollution Abatement and Storm Water 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)

**Caledonia, Village of**

Name of Authorized Representative (First, Last ) <b>Joyce Brainard</b>			Name of Governmental Contact Person (First Last) (if different) <b>Anthony A. Bunkelman, E.I.T.</b>		
Title <b>President of the Caledonia Storm Sewer Utility District Commission</b>			Title <b>Assistant Village Engineer/Drainage District Engineer</b>		
Area Code + Telephone Number <b>262-835-6416</b>			Area Code + Telephone Number <b>262-835-6416</b>		
Area Code + Fax Number <b>262-835-2388</b>			Area Code + Fax Number <b>262-835-2388</b>		
E-Mail Address <b>NA</b>			E-Mail Address <b>abunkelman@caledoniawi.com</b>		
Mailing Address - Street or Route <b>6922 Nicholson Road</b>			Mailing Address - Street or Route <b>6922 Nicholson Road</b>		
City <b>Caledonia</b>	State <b>WI</b>	Zip Code <b>53108</b>	City <b>Caledonia</b>	State <b>WI</b>	Zip Code <b>53108</b>

Consulting Firm Name (if applicable)

**Bonestroo**

Consulting Contact Person Name

**Mustafa Emir**

Title

**Associate**

Area Code + Telephone Number <b>262-643-9004</b>	<b>DNR Use Only</b>
Area Code + Fax Number <b>262-241-4901</b>	
E-Mail Address <b>mustafa.emir@bonestroo.com</b>	
Mailing Address - Street or Route <b>12075 North Corporate Parkway, Suite 200</b>	
City <b>Mequon</b>	
State <b>WI</b>	Zip Code <b>53092</b>

**Project Information**

**A. Project Name**

**Implementation Of Stormwater Management Plan Recommendations**

This document was drafted by the Department of Natural Resources.

UNPS&SW Grant Project Name  
**Implementation Of Stormwater Management Plan  
 Recommendations**

**Project Information (continued)**

**B. Project Area Location**

County: Racine

Minor Civil Division (city, village, town, etc.-example: Wrightstown, Village of)	Township (N)	Range (E/W)	Section
<b>Caledonia, Village of</b>	<b>04N</b>	<b>22E</b>	<b>22</b>

Please identify the latitude and longitude of a point located approximately in the center of the planning area, and select the "Method for Determining" the center point.				Method for Determining (check one)
	Degrees	Minutes	Seconds	
Center Point Latitude (N)	<b>42</b>	<b>47</b>	<b>27</b>	<input type="checkbox"/> GPS <input checked="" type="checkbox"/> DNR WebView or Surface Water Data Viewer <input type="checkbox"/> Other (specify):
Center Point Longitude (W)	<b>87</b>	<b>53</b>	<b>06</b>	

**C. Project Summary and Description**

UNPS&SW Grant Project Name  
**Implementation Of Stormwater Management Plan  
Recommendations**

**Project Information (continued)**

This project will implement many of the recommendations of the Village of Caledonia Stormwater Management Plan, dated October 2006. These recommendations can be divided into two parts: enforcement of the erosion control ordinance and stormwater management recommendations.

The enforcement of erosion control ordinance portion of the project will include the creation of review guidelines for erosion control plans submitted by the developer, including an erosion control design handbook for submittals with the erosion control plan and the development of a review checklist that guides the developer in preparing an effective erosion control plan. This portion also includes the creation of erosion control inspection and reporting protocols, including the creation of a standard construction site erosion control inspection form, the development of a plan submittal guide describing erosion control requirements from the developers, the establishment of a regular erosion control inspection schedule for each development, the establishment of a digital record keeping system dedicated to erosion control inspections and the preparation and conduction of a developer education and training program. This portion also includes the development of financial considerations and guarantees to help maintain compliant erosion control practices at construction sites.

The enforcement of the stormwater management ordinance portion of the project will include revisions to the stormwater management ordinance, including establishing standardized curve number, adopting a new trigger for the applicability of stormwater management regulations in Caledonia, developing a list of exemptions to help with administering and managing the stormwater management ordinance and implementing a two tiered approach to discharge limits to account for the differences in stream health and vulnerability, which includes implementing all of the requirements of the base level protection plus a one additional best management practice as appropriate and adopt stream buffer creation or protection requirements in the stream protection areas. This portion also includes the development of a Stormwater Management Permit Submittal Guidebook containing Caledonia's development and stormwater management standards and will be designed as a tool for developers as well as the reviewers in implementing the Village's engineering design standards in a correct and cost effective manner. This portion also includes the development of Pond Design Standards to be developed into a design manual for the benefit of developers and their consultants that will streamline design and review of stormwater facilities. The pond design standards will include requiring certain pond design standards for geometry, landscaping, access, and emergency hydraulic features and new stormwater landscaping guidelines will be applied to stormwater detention facilities in the Village. The project will also include the adoption and implementation of pond maintenance agreements that includes specific maintenance guidelines, including the areas of vegetation and planting inspection, structural inspection, sediment removal, and nuisance waterfowl control.

The Village of Caledonia is a NR216 permitted community and this project will assist the Village in complying with the requirements of NR 216.415(5)(b), which requires permitted communities to implement and enforce an erosion control and stormwater management ordinance complying with the requirements of NR 151.

**D. Watershed and Waterbody (see Attachment A)**

Watershed Name	Township Name (for respective Town/Range/ Section, listed above)	Watershed Code (for respective Town/Range/ Section, listed above)	% of Project Area (for respective Town/Range/ Section, listed above)	Primary Waterbody (for respective Town/Range/Section, listed above)
Root River	Caledonia	SE 03	78.7%	Root River
Wind Point	Caledonia	SE 04	21.3%	Lake Michigan
			%	
			%	
			%	

Note: The planning project area can include more than one watershed. Do not submit separate applications for the same activity in each watershed.

**Part I. Screening Requirements**

- Yes No **A. Map**
- An 8.5" x 11" topographic map from USGS or the DNR viewers, showing the project area, is attached.
- B. Planning Activities For Which DNR Funding Is Requested (check all that apply)**
- Storm water management planning (including plans for new and/or existing development).
- Ordinance development and administration (including construction site erosion control and/or storm water management).
- Evaluation and/or establishment of local financing options (such as storm water utilities).
- Public education and outreach.
- Other (specify):
- 

(see **Attachment D** for additional planning activity information)

- Yes No **C. Filters**
- Note: You must be able to answer "Yes" to each of the following to be eligible for a grant.
1. Project is in an area that is urban or will be urban within 20 years. (see **Attachment B**)
2. Project will be completed within 24 months of the start of the grant period.
3. Staff and consultants designated to work on this project have adequate training, knowledge, and experience to implement the proposed project.
4. Staff or contractual services, in addition to those funded by this grant, will be provided if needed.
5. Planning products prepared under this grant will not work at cross-purposes to (are consistent with) non-agricultural performance standards under ch. NR 151. (see **Attachment E**)
6. 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
<b>Pete Wood</b>	<b>04/12/07</b>	<b>Meeting regarding project</b>

7. Can you declare that at least one of the two statements below is TRUE?  
Statement A. The grant application is for a local governmental unit that does have jurisdiction over the project area. (Jurisdiction over the project area means that the governmental unit has control over whether the planning recommendations are carried out.)  
Statement B. The applicant does not have jurisdiction over the project area. The applicant is required to obtain a permit under subchapter I of ch. NR 216. Attached to this application is an intergovernmental agreement that meets the requirements of **Attachment H**.
8. Can you declare that at least one of the two statements below is TRUE?  
Statement A. The applicant is not the University of Wisconsin Board of Regents.  
Statement B. The applicant is the University of Wisconsin Board of Regents **and** the project will develop recommendations for a UW Campus area located in a municipality that meets **both** of the following criteria:
- The municipality is required to obtain a municipal storm water permit under ch. NR 216;
  - The municipality is located either in a priority watershed or lake area identified under s. 281.65, Wis. Stats., or in an area of concern as identified by the International Joint Commission under the Great Lakes Water Quality Agreement.

**If the governmental unit answered "No" to any of the items in Question C. above, stop here. This project is ineligible.**



UNPS&SW Grant Project Name  
Implementation Of Stormwater Management Plan  
Recommendations

**Project Information (continued)**

1. Total	\$52,000	\$47,000
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**Cost-Sharing Worksheet**

**Eligible Costs:**

2. 70% of column C, Total (1) above	\$32,900
Cap Test:	
3. Maximum State Share [Lesser of (2) or \$85,000]	\$32,900
State & Local Share:	
4. Requested State-Share Amount (=Requested Grant Amount)	\$32,900
5. Local-Share Amount [Total (1), column B less (4)]	\$19,100

Describe the Quality of Cost Estimates (in your description, discuss whether the cost estimate is based on a competitive bid, scope of services, similar projects conducted locally, similar projects conducted elsewhere in the state or region, or other more generalized data):

The cost estimate is based on a scope of services from the consulting engineer.

**Question 2. Project Evaluation Strategy**

- Yes No Information that will be developed and presented to DNR to evaluate the environmental benefits of completing this project. (check all that apply)
- A. Information that quantifies how project implementation is projected to decrease storm water impacts on state waters will be provided to DNR. The information may be provided as part of the planning product (e.g., storm water plan, I&E plan) or in the Final Report.
- B. Tracking
1. Information that tracks progress in carrying out recommendations of this project will be provided to the Department for one (1) to two (2) years after the project is completed.
2. Specify the number of years that tracking information will be provided, and describe in concept how this annual post-project tracking process will work:

The Village will track the progress in carrying out the recommendations by monitoring erosion control and stormwater management plans submittal after the project has been completed. The Village monitor whether these efforts have improved the quality of submittals for new and redevelopment. The Village will continue to track this information indefinitely.

**Question 3. Evidence of Local Support**

- Yes No The level of local support that currently exists for the proposed project.
- A. **Government**
1. The local-share funds for the project expenses are already included specifically in an adopted budget.
- OR
2. The local-share funds for the project expenses are or will be included in a proposed budget.

UNPS&SW Grant Project Name  
**Implementation Of Stormwater Management Plan  
Recommendations**

**Project Information (continued)**

**B. Community**

1. There is community support specifically for the project in this application, and evidence of this support is included with the application submittal.
- OR
2. There is community support for addressing general water resource needs in the community, even though there may not be evidence of support for this specific project.

**Question 4. Basin Priorities (check one)**

- A. Clean Water Act s. 303(d) List**  
Project with water quality goals directly dealing with a water body (lake or stream) on the latest Clean Water Act (CWA) s. 303(d) List of Impaired Waters, where the cause of the impairment in nonpoint source pollution and the project will reduce the type of nonpoint 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 or 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 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. Not Included in Other Categories Above**  
50% or more of the planning area is not included in the categories above (A-F).

**Part III. Competitive Elements**

**Question 5. Water Quality Needs**

For each watershed in the project area, identify the category that best identifies the project goals. If more than one category is checked (because the project area contains more than one watershed), estimate the portion of the project area to be assigned to each category.

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.

- | Percent of Project Area                  | Surface Water Considerations  |
|--|---|
| <input checked="" type="checkbox"/> 78.7 | <p><b>A. 303(d) Listed Waterbody</b><br/>           Project with water quality goals directly dealing with a water body (lake or stream) on the latest Clean Water Act (CWA) s. 303(d) List of Impaired Waters, where the cause of the impairment in nonpoint source pollution and the project will reduce the type of nonpoint pollutants for which the water is listed.</p> |
| <input type="checkbox"/>                 | <p><b>B. Not Fully Meeting Uses</b><br/>           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.</p>   |
| <input type="checkbox"/>                 | <p><b>C. Threatened Waterbody</b><br/>           A waterbody (lake or stream) viewed as "threatened" by nonpoint sources in a DNR State of the Basin report.</p>  |
| <input type="checkbox"/>                 | <p><b>D. Outstanding or Exceptional Resource Waters</b><br/>           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."</p>   |
| <input type="checkbox"/>                 | <p><b>E. Surface Water Quality</b><br/>           Prevention of degradation of surface water quality due to nonpoint sources. Waters in this category are neither high quality, recreationally significant waters nor "threatened" waters.</p>  |
| <b>Groundwater Considerations*</b>       |   |
| <input type="checkbox"/>                 | <p><b>F. Exceeds Groundwater Enforcement Standard</b><br/>           Groundwater within the project area where representative information indicates that stormwater pollutants in groundwater exceed the Enforcement Standard (ES).</p>   |
| <input type="checkbox"/>                 | <p><b>G. Groundwater Quality (see Attachment G)</b><br/>           The project area is within a geological area defined in Attachment G as susceptible to groundwater contamination.</p>  |
| <input type="checkbox"/>                 | <p><b>H. Exceeds Groundwater Preventive Action Limit</b><br/>           Groundwater within the project area where representative information indicates that stormwater pollutants in groundwater exceed the Preventive Action Limit (PAL).</p>  |

\*Consult the Regional Drinking Water and Groundwater Specialist or the County Extension office.

**Bonus Points (see Attachment F):**

- | Yes                                 | No                       |   |
|-------------------------------------|--------------------------|---|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 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 <u>groundwater</u> , the project protects: |
| <input type="checkbox"/>            | a.                       | One wellhead  |
|                                     |                          | OR  |
| <input type="checkbox"/>            | 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 in which the project is located. If more than one assessment area is checked (because the project area contains more than one watershed), estimate the portion of the project area to be assigned to each category.

<u>Source Water Drainage Area</u>	<u>Portion of Project in Assessment Area (%)</u>
<input type="checkbox"/> Pike River & Creek	
<input checked="" type="checkbox"/> Root River	<b>78.7%</b>
<input type="checkbox"/> Oak Creek	
<input type="checkbox"/> Milwaukee River	
<input type="checkbox"/> Sauk Creek	
<input type="checkbox"/> Sheboygan & Onion Rivers	
<input type="checkbox"/> Manitowoc River	
<input type="checkbox"/> Twin Rivers	
<input type="checkbox"/> Kewaunee & Ahnapee Rivers	
<input type="checkbox"/> Menominee River	
<input type="checkbox"/> Fish Creek	
<input type="checkbox"/> St. Louis & Nemadji Rivers	
<input type="checkbox"/> Lake Winnebago	

**Question 6. Extent of Pollutant Control**

A project can consist of one or more of the following parts (A-F). For each part below, check the boxes that describe work products that will be produced under this grant. Do not check boxes based on prior work.

**A. Ordinances**

The project will develop or complete one or more of the following ordinances, including associated information, education and public participation activities. (check all that apply)

- 1. Construction erosion control ordinance including all the requirements of s. NR 151.11.
- 2. Storm water ordinance for new development and re-development including all the requirements of s. NR 151.12.
- 3. Low impact development/conservation subdivision ordinances.
- 4. Other ordinances such as an illicit discharge ordinance, storm water ordinances affecting runoff from developed urban areas (e.g., pet waste management ordinances, nutrient management ordinances), or ordinances that regulate the application of fertilizers to non-municipal properties in accordance with NR 151.14

**B. Financing Mechanisms**

The project will evaluate financing mechanisms for storm water management, including associated information, education and public participation activities. Recommendations will be presented to the governing board for approval and DNR will be notified of the governing board's action. (check one of the following)

- 1. The project develops a dedicated revenue source, such as a storm water utility, to implement a storm water program focusing on implementation of performance standards in Subchapter III of ch. NR 151.  
OR
- 2. The project is a general feasibility analysis of alternative funding mechanisms.

**C. Storm Water Plan for Developed Urban Areas**

The project will develop a storm water management plan for developed urban areas that addresses all of the performance standards under s. NR 151.13 including associated information, education and public participation activities. (check one of the following)

- 1. This project will cover the entire geographic area of the governmental unit.  
OR
- 2. This project will cover only part of the geographic area of the governmental unit.

**D. Storm Water Plan for New or Redevelopment**

The project will develop a storm water management plan for new development and re-development that addresses all of the performance standards under s. NR 151.12 including associated information, education and public participation activities. (check one of the following)

- 1. This project will cover the entire geographic area of the governmental unit.  
OR
- 2. This project will cover only part of the geographic area of the governmental unit.

UNPS&SW Grant Project Name  
**Implementation Of Stormwater Management Plan  
Recommendations**

**Project Information (continued)**

**E. Information & Education Program**

- The project will develop and/or implement an information and education program. (This does not include the information and education activities required as part of project under A. through D., above.)

**F. Inter-Municipal Cooperation (bonus)**

- This project is being conducted as part of an inter-governmental storm water management strategy for a common water resource. Describe the inter-governmental effort that will be used to complete the project. If more than one local unit of government is joining in this project application, (a "joint application"), then an inter-governmental agreement meeting the requirements of **Attachment H.** must be submitted with this application.

**Question 7. Consistency with Resource Management Plans**

Yes No

**A. Consistency with Resource Management Plans**

- The project implements a water quality recommendation specifically included in a locally approved resource management plan.

**B. Summarize the water quality recommendation from the local plan. Cite the name and date(s) of publication of the document.**

1. A construction site erosion control ordinance consistent with the performance standards of s. NR 151.11.

**This project implements water quality recommendation for a construction site erosion control ordinance included in the Village of Caledonia Stormwater Management Plan published in October of 2006. This report included most of the items included in this project, including the development of erosion control ordinance enforcement protocol. In order to increase the effectiveness of ordinance compliance, the plan recommended that the proposed construction site pollution control protocol be adopted. The plan recommends that the cost of plan review, inspections, and enforcement be billable to the developer.**

2. A storm water management ordinance consistent with the performance standards of s. NR 151.12.

**This project implements water quality recommendation for a stormwater management ordinance included in the Village of Caledonia Stormwater Management Plan published in October of 2006. This report included most of the items included in this project, including the standardization of curve numbers for use in hydrologic calculations, adopting new triggers for the applicability of stormwater management regulations, a list of exemptions be developed to help with administering and managing the stormwater management ordinance, checklists and submittal guides be prepared for use by developers, a two tiered approach to discharge limits to account for the differences in stream health and vulnerability: in the stream protection areas, all of the requirements of the base level protection plus a one additional best management practice as appropriate and adopt stream buffer creation or protection requirements , requiring certain pond characteristics in the design of facilities, new stormwater landscaping guidelines be applied to stormwater detention facilities in the Village and the adoption and implementation of pond maintenance agreements that include specific maintenance guidelines.**

**Question 8. Use of Additional Funding**

Yes No

- Funding requested is below the 70% cost-share rate and below the \$85,000 cap.

**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.

**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.

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**Local Implementation Program** (select all that are in place as of the application submittal date)

Yes    No    NA

- A. The governmental unit is implementing a pollution prevention information and education program targeted for property owners and other residents.
- B. The governmental unit is implementing a nutrient management plan for municipally owned properties of at least five (5) acres of pervious area where nutrients are applied.
- C. The governmental unit is tracking storm water permitting activity (construction and post-construction) in the governmental unit and can make summary information available to the DNR upon request.

**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.

**Part III, Question 5:**

21.7 % of the project is directly draining to Lake Michigan and does not meet the requirements for exhibiting water quality needs as defined in Question 5.

**Applicant Certification**

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



5-8-07

Joyce Brainard President of the Caledonia Storm Sewer  
Utility District Commission

[name and title]

Telephone Number 262-835-6416

Fax Number 262-835-2388

E-Mail Address NA

Mailing Address 6922 Nicholson Road Caledonia WI 53108

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 signed copies of the completed 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.

Mail to: Department of Natural Resources  
attn: Kathy Thompson, WT/2  
P.O. Box 7921  
Madison, WI 53707-7921