

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

Form 8700-300 (R 1/07)

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**Notice:** This document was drafted by the Wisconsin Department of Natural Resources. Application is hereby made to the Wisconsin Department of Natural Resources, Bureau of Watershed Management, for grant assistance consistent with s. 281.65, Wis. Stats., and Chapter NR 153 and NR 154, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.65, Wis. Stats. The information contained in this form will be used for program budget analysis and project evaluation in the Targeted Runoff Management Grant Program. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31 - 19.39, Wis. Stats.]. *Unless otherwise noted, all citations refer to Wisconsin Administrative Code.*

**Instructions:** Complete all sections as applicable.

**Applicant Information**

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

**Door County Soil and Water Conservation Department**

|                                                                            |                    |                          |                                                                                        |                    |                          |
|----------------------------------------------------------------------------|--------------------|--------------------------|----------------------------------------------------------------------------------------|--------------------|--------------------------|
| Name of Authorized Representative (First, Last)<br><b>William Schuster</b> |                    |                          | Name of Governmental Contact Person (First Last) (if different)<br><b>Brian Forest</b> |                    |                          |
| Title<br><b>County Conservationist</b>                                     |                    |                          | Title<br><b>Conservationist II</b>                                                     |                    |                          |
| Area Code + Telephone Number<br><b>920-746-2214</b>                        |                    |                          | Area Code + Telephone Number<br><b>920-746-2214</b>                                    |                    |                          |
| Area Code + Fax Number<br><b>920-746-2369</b>                              |                    |                          | Area Code + Fax Number<br><b>920-746-2369</b>                                          |                    |                          |
| E-Mail Address<br><b>wschuster@co.door.wi.us</b>                           |                    |                          | E-Mail Address<br><b>forest@co.door.wi.us</b>                                          |                    |                          |
| Mailing Address - Street or Route<br><b>421 Nebraska Street</b>            |                    |                          | Mailing Address - Street or Route<br><b>421 Nebraska Street</b>                        |                    |                          |
| City<br><b>Sturgeon Bay</b>                                                | State<br><b>WI</b> | Zip Code<br><b>54235</b> | City<br><b>Sturgeon Bay</b>                                                            | State<br><b>WI</b> | Zip Code<br><b>54235</b> |

Consulting Firm Name (if applicable)

Consulting Contact Person Name

Title

|                                   |       |          |                     |  |  |
|-----------------------------------|-------|----------|---------------------|--|--|
| Area Code + Telephone Number      |       |          | <b>DNR Use Only</b> |  |  |
| Area Code + Fax Number            |       |          |                     |  |  |
| E-Mail Address                    |       |          |                     |  |  |
| Mailing Address - Street or Route |       |          |                     |  |  |
| City                              | State | Zip Code |                     |  |  |

**Project Information**

**A. Project Name**

**Ahnapee River / Ken Baudhuin Project**

**B. Project Area Location**

County

**Door**

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TRM Grant Project Name

**Ahnapee River / Ken Baudhuin Project****Project Information (continued)**

| Minor Civil Division Name<br>(city, village, town, etc. – ex.<br>Wrightstown, Village of) | Township<br>(N) | Range<br>(E/W) | Section  | Quarter   | Quarter-<br>Quarter | Latitude (North) | Longitude (West) |
|-------------------------------------------------------------------------------------------|-----------------|----------------|----------|-----------|---------------------|------------------|------------------|
| <b>Town of Forestville</b>                                                                | <b>26N</b>      | <b>25E</b>     | <b>8</b> | <b>SW</b> | <b>NE</b>           | <b>44d18m18s</b> | <b>87d29m19s</b> |
|                                                                                           |                 |                |          |           |                     |                  |                  |
|                                                                                           |                 |                |          |           |                     |                  |                  |

Method for Determining Latitude &amp; Longitude (check one)

☐ GPS☒ DNR WebView or Surface Water Data Viewer☐ Other (specify):**C. Project Summary**

The Ken Baudhuin farm is a dairy operation that is situated in the Town of Forestville and is comprised of approximately 50 milk cows with an equal number of replacements. The current manure handling for this site is to daily haul. Issues that exist for this operation are direct runoff from the existing feedlots to a sinkhole and winter spreading of manure on land within the Ahnapee River Watershed, a 303(d) listed Impaired Water Body and Source Water Area for the City of Green Bay drinking water system. Proposed BMPs include a Manure Storage System for the milk cows and for the heifers as well as Barnyard Runoff Control Systems for each group. Milkhouse Waste is currently collected and pumped by a commercial septic hauler. Collection and storage of all waste for proper field application will be done through a Nutrient Management Plan as the Ahnapee River falls under the January 1, 2005 deadline for compliance with the Statewide Agricultural Performance Standards and Prohibitions.

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

|                                        |                                |                                           |
|----------------------------------------|--------------------------------|-------------------------------------------|
| Watershed Name<br><b>Ahnapee River</b> | Watershed Code<br><b>TK-04</b> | Primary Waterbody<br><b>Ahnapee River</b> |
|----------------------------------------|--------------------------------|-------------------------------------------|

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

Yes No

**E. Project Target**

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

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

- ☐ ☒ 1. Requesting funding for eligible best management practices (BMPs) which will directly implement the pollutant-specific goals of a public comment draft (as of April 9, 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.

TRM Grant Project Name

Ahnapee River / Ken Baudhuin Project

## Project Information (continued)

**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:

100%

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

**M. Urban Projects Only: Alternative Funding Possibility**

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

TRM Grant Project Name

Ahnapee River / Ken Baudhuin 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.

**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 checked="" type="checkbox"/> Roofs                                                              | NR 154.04(26)         |
| <input checked="" type="checkbox"/> Barnyard Runoff Control Systems            | NR 154.04(5)          | <input type="checkbox"/> Roof Runoff Systems                                                           | NR 154.04(27)         |
| <input type="checkbox"/> Access Roads & Cattle Crossings                       | NR 154.04(6)          | <input type="checkbox"/> Sediment Basins                                                               | NR 154.04(28)         |
| <input type="checkbox"/> Animal Trails and Walkways                            | NR 154.04(7)          | <input type="checkbox"/> Shoreline Habitat Restoration for Developed Areas                             | NR 154.04(29)         |
| <input type="checkbox"/> Critical Area Stabilization                           | NR 154.04(10)         | <input type="checkbox"/> Sinkhole Treatment                                                            | NR 154.04(30)         |
| <input 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 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)<br>(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)

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TRM Grant Project Name

**Ahnapee River / Ken Baudhuin Project**

## 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                       |                                                                                                                                                                                                                                                                                                            |                                                            |                  |                    |                   |        |                                            |
|------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|------------------|--------------------|-------------------|--------|--------------------------------------------|
| <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 <b>Attachment E</b> )                                                                                    |                                                            |                  |                    |                   |        |                                            |
| <input checked="" type="checkbox"/>                        | <input type="checkbox"/> | 5. The local DNR Regional Nonpoint Source Coordinator (see <b>Attachment C</b> ) has been contacted about this project:                                                                                                                                                                                    |                                                            |                  |                    |                   |        |                                            |
|                                                            |                          | <table border="1"> <thead> <tr> <th>Name of the Regional Nonpoint Source Coordinator Contacted</th> <th>Date Contacted</th> <th>Subject of Contact</th> </tr> </thead> <tbody> <tr> <td><b>John Young</b></td> <td>3/7/07</td> <td><b>Project Scopes for Potential Grants</b></td> </tr> </tbody> </table> | Name of the Regional Nonpoint Source Coordinator Contacted | Date Contacted   | Subject of Contact | <b>John Young</b> | 3/7/07 | <b>Project Scopes for Potential Grants</b> |
| Name of the Regional Nonpoint Source Coordinator Contacted | Date Contacted           | Subject of Contact                                                                                                                                                                                                                                                                                         |                                                            |                  |                    |                   |        |                                            |
| <b>John Young</b>                                          | 3/7/07                   | <b>Project Scopes for Potential Grants</b>                                                                                                                                                                                                                                                                 |                                                            |                  |                    |                   |        |                                            |
| Yes                                                        | No                       | N/A                                                                                                                                                                                                                                                                                                        |                                                            |                  |                    |                   |        |                                            |
| <input type="checkbox"/>                                   | <input type="checkbox"/> | <input checked="" type="checkbox"/>                                                                                                                                                                                                                                                                        |                                                            |                  |                    |                   |        |                                            |
|                                                            |                          | 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.<br>If yes, give the docket number and date of issuance.                                                                     |                                                            |                  |                    |                   |        |                                            |
|                                                            |                          | <table border="1"> <thead> <tr> <th>Docket Number</th> <th>Date of Issuance</th> </tr> </thead> <tbody> </tbody> </table>                                                                                                                                                                                  | Docket Number                                              | 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                                  |                                                                                                                                                                                                                                  |
|-------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 1. The need for compliance with performance standards established by the DNR in ch. NR 151.                                                                                                                                      |
| <input checked="" type="checkbox"/> | <input 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 type="checkbox"/>            | <input checked="" type="checkbox"/> | 3. The existence of outstanding or exceptional resource waters, as designated by the DNR in ss. NR 102.10 and NR 102.11.                                                                                                         |
| <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 4. Other water quality concerns of statewide or national significance. ( <u>Important</u> : You may only check this box, if you are eligible to score 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

**Ahnapee River / Ken Baudhuin 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                                                              | 02/08                               | SWCD Technical Staff & DATCP Engineer |
| Obtaining required permits                                                        | 03/08                               | SWCD Technical Staff & Landowner      |
| Landowner contacts                                                                | 01/07 - Ongoing                     | SWCD Technical Staff                  |
| CSA signing                                                                       | 03/08                               | SWCD Technical Staff & Landowner      |
| Bidding                                                                           | 04/08                               | SWCD Technical Staff & Contractors    |
| DNR approvals                                                                     | 02/08                               | SWCD Technical Staff                  |
| Contract signing                                                                  | 05/08                               | Contractor & Landowner                |
| BMP construction                                                                  | 06/08                               | Contractor                            |
| Site inspection and certification                                                 | 06/08                               | SWCD Technical Staff & DATCP Engineer |
| Project evaluation                                                                | 07/08                               | SWCD Technical Staff & DATCP Engineer |
| Purchase street sweeper (urban only)                                              |                                     |                                       |
| Other (specify)<br><b>Notification of Noncompliance and Offer of Cost-Sharing</b> | 02/08                               | SWCD Technical Staff                  |

**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:                                         |                           |                                                         |
| Dairy Manure Storage Earthwork                                   | 16,000                    | 16,000                                                  |
| Dairy Manure Storage Concrete                                    | 49,600                    | 49,600                                                  |
| Dairy Manure Storage Equipment (Pumps, Gates, Fencing, Transfer) | 36,030                    | 36,030                                                  |
| Dairy Barnyard Earthwork                                         | 8,700                     | 8,700                                                   |
| Dairy Barnyard Concrete                                          | 21,600                    | 21,600                                                  |
| Dairy Barnyard Equipment (Pump, Sump, Transfer, Gates, Fencing)  | 7,200                     | 7,200                                                   |
| Heifer Barnyard Earthwork                                        | 1,500                     | 1,500                                                   |
| Heifer Barnyard Concrete                                         | 16,800                    | 16,800                                                  |
| Heifer Barnyard Equipment (Gates, Fencing)                       | 700                       | 700                                                     |
| Heifer Barnyard Roof                                             | 21,600                    | 21,600                                                  |
| Heifer Manure Storage Earthwork                                  | 1,000                     | 1,000                                                   |
| Heifer Manure Storage Concrete                                   | 10,500                    | 10,500                                                  |
| Heifer Manure Storage Roof                                       | 10,640                    | 10,640                                                  |
| Animal Waste Storage Permit Fee                                  | 1,640                     | 1,640                                                   |
| 1. Construction Subtotal                                         | \$203,510                 | \$203,510                                               |
| 2. Engineering Services (including design)                       | \$10,175                  | \$10,175                                                |
| 3. Storm Sewer Reroute (Urban projects only)                     | \$0                       | \$0                                                     |
| 4. Structure Removal (Urban projects only)                       | \$0                       | \$0                                                     |
| 5. Subtotal [add rows 1-4]                                       | \$213,685                 | \$213,685                                               |
| 6. Property Acquisition: Fee Title & Easement                    | \$0                       | \$0                                                     |
| 7. Grand Total [add rows 5 & 6]                                  | \$213,685                 | \$213,685                                               |

TRM Grant Project Name  
**Ahnapee River / Ken Baudhuin Project**

**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%      | <b>67%</b>   | \$ 143,169        |
| Costs Specific to <b>Agricultural</b> Projects:                         |      |           |              |                   |
| 9. Land Purchase (Fee Title)                                            | \$ 0 | -         | 50%          | \$ 0              |
| 10. Agricultural Easements                                              | \$ 0 | -         | 70%          | \$ 0              |
| Costs Specific to <b>Urban</b> Projects:                                |      |           |              |                   |
| 11. Property Acquisition: Fee Title & Easement                          | \$   | 100%      | 50%          | \$ 0              |
| 12. Storm Sewer Rerouting                                               |      | 100%      | 50%          | \$ 0              |
| 13. Structure Removal                                                   |      | 100%      | 50%          | \$ 0              |
| 14. Total Eligible Costs [sum (8) through (13)]                         |      |           |              | \$ 143,169        |
| <b>Cap Test:</b>                                                        |      |           |              |                   |
| 15. Maximum State Share [Lesser of (14) or \$150,000]                   |      |           |              | \$ 143,169        |
| <b>State &amp; Local Share:</b>                                         |      |           |              |                   |
| 16. Requested State-Share Amount (Requested Grant Amount)               |      |           |              | \$ <b>143,169</b> |
| 17. Local-Share Amount [(7), column B less (16)]                        |      |           |              | \$ 70,516         |

Method(s) Used to Calculate Cost Estimates

**The cost estimate procedures used were both the "competitive bids method" and the "average cost method". These methods are based on SWCD experience of past projects, input from colleagues, inquiry to contractors and suppliers in the area and analysis of bids submitted for comparable projects completed in recent years. These methods have proven both practical and accurate for all SWCD projects over many years of construction experience. These methods have been applied to a design of appropriate BMPs agreed upon by the landowner, the SWCD and the area DATCP Engineer. These BMPs have been established to achieve maximum pollutant control as well as compliance with statewide agricultural performance standards and prohibitions.**

**C. Cost-Effectiveness**

1. Tangible Benefits

a. Primary Benefit:

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

**The primary benefit of this project will be the protection of both surface and ground water quality through construction of a no-runoff system where all potential impacts from bacteria, nitrates, phosphorus and sedimentation are controlled through storage of all waste and associated runoff and proper application in appropriate areas through an approved nutrient management plan.**

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

Ahnapee River / Ken Baudhuin 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 proposed BMPs were selected through a cost analysis based on the most cost-effective alternative that will provide greater ease of operation and maintenance. They have been selected to take advantage of existing conditions, current management and equipment at the site.

Due to the fragile geology and shallow depth of soils to bedrock, most projects in Door County require an above-ground, concrete-lined storage. The proposed manure storage will be sized to store manure for 210 days and eliminate the need to winter spread manure. This sizing reduces the cost of having to store manure for a full year. This type of storage is also more cost-effective than a steel structure. Site restrictions based on soils and geology restrict the feasibility of an in ground earthen system and an above ground earthen system would be extremely costly and not practical for this location and operation.

The barnyard for the dairy herd will be constructed to collect and store all runoff in the constructed storage. This alternative is more cost effective than placing a roof over the barnyard or other methods of diverting clean water. A filter strip or buffer would not be feasible for this operation based on the site conditions.

The use of a roofed manure storage and barnyard for the heifers will be necessary because of the type of manure associated with that group. Elimination of runoff and extra liquid will provide a more efficient means of manure management. The need to keep this solid type of manure also eliminates the more costly alternative of collecting the liquids and storing it as a semi-solid or liquid, requiring pumps and more storage capacity. Maintaining a solid-type manure from the heifers under a roof also reduces the size needed for the long-term manure storage that will contain manure from the dairy herd. A combined storage for all manure would not be feasible for this operation, the landowner would still need to winter haul bedded manure from his heifers, as this material would not be conducive to pumping.

These practices were chosen to provide optimal pollutant control through collection and total containment of the waste generated at the project site.

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)<br>Cost-Effectiveness |
|                       |                                                                 | Estimated Amount | Estimated % of<br>Pollutant Load Reduction |                               |
| 1                     | Concrete-Lined Pit (Dairy) /<br>Concrete-Lined Roofed (Heifers) | \$ 123,770       | 100 %                                      | 123,770                       |
| 2                     | Steel Above Ground Storage<br>(Dairy and Heifers)               | \$ 180,000       | 100 %                                      | 180,000                       |
| 3                     | All Manure Combined in a<br>Concrete Lined Storage              | \$ 112,000       | 80 %                                       | 140,000                       |

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

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**Part II. Minimum Qualifications (continued)**

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- 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  
**Ahnapee River / Ken Baudhuin 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 & 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 checked="" 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 checked="" type="checkbox"/>         | Clean Water Diversions in WQMA                          | Pollutant load reduction         | BARNY Model                    |
|                                             |                                                         | Number of farms with diversions  | count                          |
|                                             |                                                         | Number animal units              | count                          |
| <input checked="" type="checkbox"/>         | Nutrient Management on Agricultural Land                | Acres planned                    | count                          |
| <input type="checkbox"/>                    | Prohibition: Manure Storage Overflow                    | Number of facilities             | count                          |
|                                             |                                                         | Number of animal units           | count                          |
| <input type="checkbox"/>                    | Prohibition: Unconfined Manure Pile in WQMA             | Number of farms                  | count                          |
| <input checked="" type="checkbox"/>         | Prohibition: Direct Runoff From Feedlot/Stored Manure   | Pollutant load reduction         | BARNY Model                    |
|                                             |                                                         | Number of facilities             | count                          |
|                                             |                                                         | Number of animal units           | count                          |
| <input type="checkbox"/>                    | Prohibition: Unlimited Livestock Access                 | Feet of bank protected           | count                          |
|                                             |                                                         | Number of farms                  | count                          |
| <b>Other Priority for Agricultural Area</b> |                                                         |                                  |                                |
| <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 checked="" type="checkbox"/>         | Other (specify) <b>Elimination of Winter Spreading</b>  | <b>Acres Planned</b>             | <b>count</b>                   |
| <b>Priority for Developed Urban Area</b>    |                                                         |                                  |                                |
| <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

Ahnapee River / Ken Baudhuin Project

**Part II. Minimum Qualifications (continued)****C. Additional Monitoring**

Yes ☒ No ☐

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.

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

Ahnapee River / Ken Baudhuin Project

**Part II. Minimum Qualifications (continued)****Urban Projects:**

- |                                                                                                                                                                                          |                          |                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yes                                                                                                                                                                                      | No                       | <b>A. Government</b>                                                                                                                                                                                 |
|                                                                                                                                                                                          |                          | 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. |                          |                                                                                                                                                                                                      |
| <hr/>                                                                                                                                                                                    |                          |                                                                                                                                                                                                      |
| Yes                                                                                                                                                                                      | No                       | <b>B. Landowners</b>                                                                                                                                                                                 |
|                                                                                                                                                                                          |                          | 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**

TRM Grant Project Name  
**Ahnapee River / Ken Baudhuin Project**

**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 type="checkbox"/> Twin Rivers                          |
| <input type="checkbox"/> Root River               | <input checked="" 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

**Ahnapee River / Ken Baudhuin Project****Part III. Competitive Elements (continued)****Question 6. Extent of Pollutant Control**

|                                     |                          |                                                                                                                                                                                                                                                   |
|-------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Yes                                 | No                       | <b>A. NR 151 Agricultural Performance Standards &amp; Prohibitions</b>                                                                                                                                                                            |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 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)                   |
|                                     |                          | <input type="checkbox"/> a. Sheet, rill, and wind erosion. (NR 151.02)                                                                                                                                                                            |
|                                     |                          | <input checked="" type="checkbox"/> b. Manure storage facilities: new/significant alterations. (NR 151.05(2))                                                                                                                                     |
|                                     |                          | <input type="checkbox"/> c. Manure storage facilities: closure. (NR 151.05(3))                                                                                                                                                                    |
|                                     |                          | <input type="checkbox"/> d. Manure storage facilities: existing failing/leaking. (NR 151.05(4))                                                                                                                                                   |
|                                     |                          | <input checked="" type="checkbox"/> e. Clean water diversions. (NR 151.06)                                                                                                                                                                        |
|                                     |                          | <input checked="" type="checkbox"/> f. Nutrient management. (NR 151.07)                                                                                                                                                                           |
|                                     |                          | <input type="checkbox"/> g. Prohibition: Prevention of overflow from manure storage facilities. (NR 151.08(2))                                                                                                                                    |
|                                     |                          | <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 checked="" 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"/> 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>B. Other Water Resources Management Priority</b>                                                                                                                                                                                                                                                               |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 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.                                                                                                                                                                                                                                        |
|                                     |                          | <b>The elimination of winter spreading of manure in environmentally sensitive areas is a priority for the SWCD and construction of the BMPs suggested for this project will provide adequate storage capacity for all wastes generated and eliminate the need for application of waste during frozen periods.</b> |

|                                     |                          |                                                                                                                                                                                                                                                  |       |        |
|-------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|--------|
| Yes                                 | No                       | <b>C. Planning Data &amp; Source Targeting</b>                                                                                                                                                                                                   |       |        |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | The applicant has quantitative planning information that ranks pollution sources from highest to lowest in severity <u>and</u> the proposed project will manage a pollution source contained in the top 50% of the ranked list. If yes, provide: |       |        |
|                                     |                          | a. Description of planning data                                                                                                                                                                                                                  |       |        |
|                                     |                          | <b>High Priority Waters meeting the January 1, 2005 requirement for Nutrient Management</b>                                                                                                                                                      |       |        |
|                                     |                          | b. Name of document(s)                                                                                                                                                                                                                           |       |        |
|                                     |                          | <b>Door County Land and Water Resource Management Plan</b>                                                                                                                                                                                       |       |        |
|                                     |                          | c. Date(s) published                                                                                                                                                                                                                             |       |        |
|                                     |                          | <b>January 24, 2006</b>                                                                                                                                                                                                                          |       |        |
|                                     |                          | d. Pertinent page numbers                                                                                                                                                                                                                        |       |        |
|                                     |                          | <b>45-46, 49-51</b>                                                                                                                                                                                                                              |       |        |
|                                     |                          | e. A copy of non-state document(s) is available:                                                                                                                                                                                                 |       |        |
|                                     |                          | <input checked="" type="checkbox"/> At this website: <u>http://map.co.door.wi.us/swcd</u>                                                                                                                                                        |       |        |
|                                     |                          | <input type="checkbox"/> Attached to this application form.                                                                                                                                                                                      |       |        |
|                                     |                          | <input type="checkbox"/> Contact this person: <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>Name:</td> <td>Phone:</td> </tr> </table>                                                                       | Name: | Phone: |
| Name:                               | Phone:                   |                                                                                                                                                                                                                                                  |       |        |

TRM Grant Project Name

**Ahnapee River / Ken Baudhuin Project****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.

**Recommendations made for this project are consistent with the Agricultural Performance Standards and Animal Waste Storage Ordinance. This ordinance was adopted by the Door County Board and codified as Door County Code Chapter 23 in August of 2004 and is a comprehensive ordinance that outlines local implementation of Statewide Agricultural Performance Standards and Prohibitions.**

**The Door County Land and Water Resource Management Plan, approved in January of 2006, outlines strategies for implementation of the Statewide Agricultural Performance Standards and Prohibitions via Door County Code Chapter 23. This plan also assesses areas of concern for the county; the Ahnapee River and the associated watershed are assessed and the impacts of nonpoint pollution on groundwater quality and surface water habitat are listed as areas of concern.**

**The protection of groundwater and surface water resources from improper management of agriculture facilities has been consistently listed as a high priority in documents such as "A Nonpoint Source Control Plan for the Upper Door Priority Watershed Project, "Door County Land and Water Resource Management Plan", "Nonpoint Source Control Plan for the Red River/Sturgeon Bay Watershed Project", "A Guide to Significant Wildlife Habitat and Natural Areas of Door County, Wisconsin", "The State of the Lakeshore Basin" and "Twin-Door-Kewaunee Basin Areawide Water Quality Management Plan".**

**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.

TRM Grant Project Name

**Ahnapee River / Ken Baudhuin 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 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.                                                                                                                                                                                                  | <b>Door County Land and Water Resource Management Plan</b> | <b>49</b>   |
| <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.                                                                                                                              | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <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.                                                                                                                                              | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | 4. Seek financial assistance for landowners/operators to achieve compliance with performance standards & prohibitions.                                                                                                                                                                    | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <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.                                                                                                                    | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <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. | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <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.                                                                                                                                                                             | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |
| <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.                                                                       | <b>Door County Land and Water Resource Management Plan</b> | <b>50</b>   |

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.

**TRM Grant Application – CY 2008 Funding**

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TRM Grant Project Name

**Ahnapee River / Ken Baudhuin Project**

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

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

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TRM Grant Project Name

**Ahnapee River / Ken Baudhuin Project****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:

**Chapter 23 - Agricultural Performance Standards and Animal Waste Storage Ordinance**

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

- ☒ Found at this website (provide <http://map.co.door.wi.us/swcd> 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                       | <b>A. Local Implementation Program</b> (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>B. Local Enforcement Program</b> (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

**Ahnapee River / Ken Baudhuin Project****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.

**The Door County Soil and Water Conservation Department is committed to implementation of the agricultural performance standards and prohibitions as outlined in NR 151 and Chapter 23 Door County Code. Please see the attached letters illustrating this support and please consider them as evidence of local support as required in Part II, Question 3 of this application.**

**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.

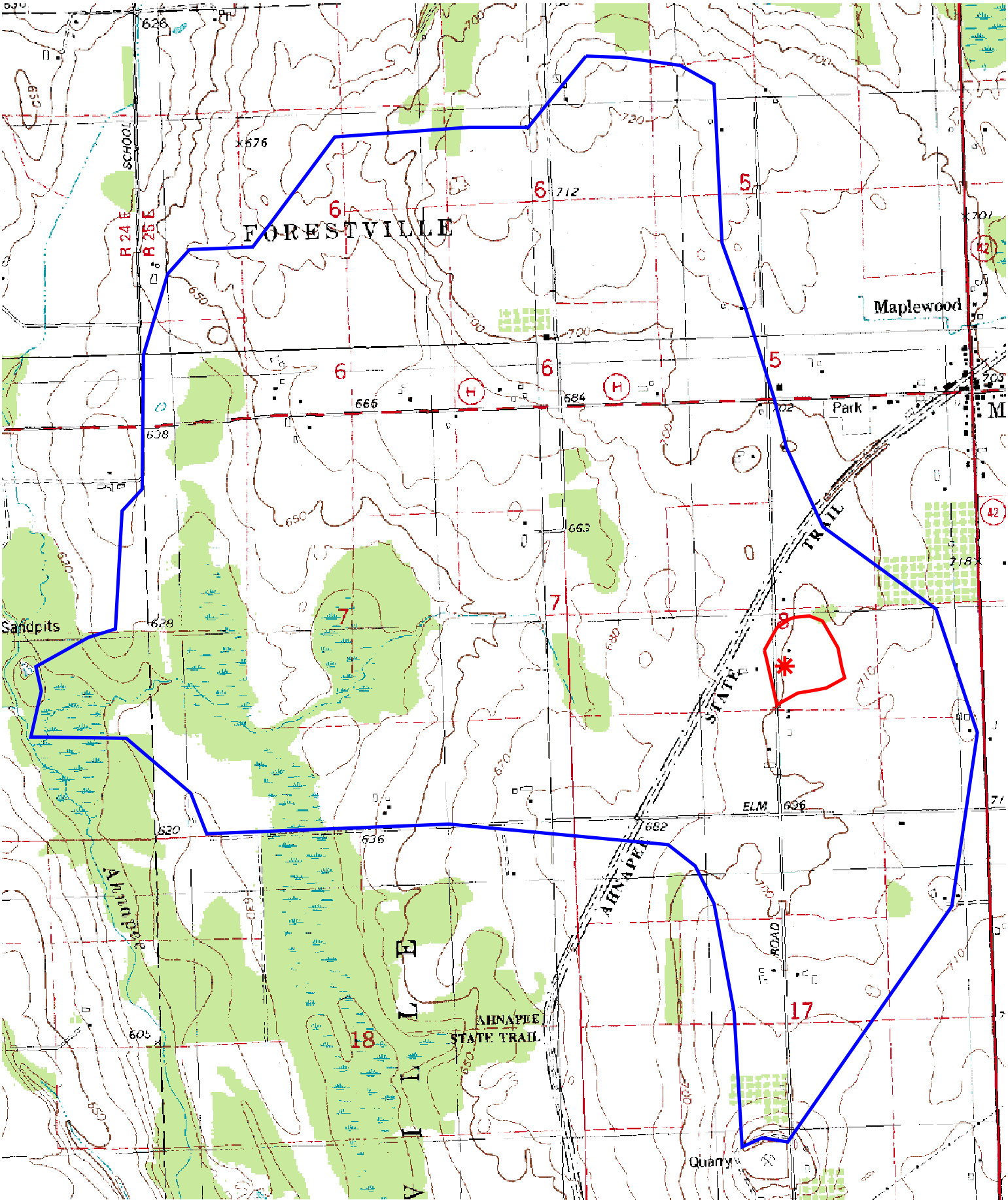
|                                                                                                                                                                                                             |                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| Signature of Authorized Representative                                                                                                                                                                      | Date Signed                                               |
| <b>William Schuster County Conservationist</b><br>Telephone Number <b>920-746-2214</b><br>E-Mail Address <b>wschuster@co.door.wi.us</b><br>Mailing Address <b>421 Nebraska Street Sturgeon Bay WI 54235</b> | <i>[name and title]</i><br>Fax Number <b>920-746-2369</b> |

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.

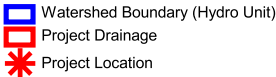
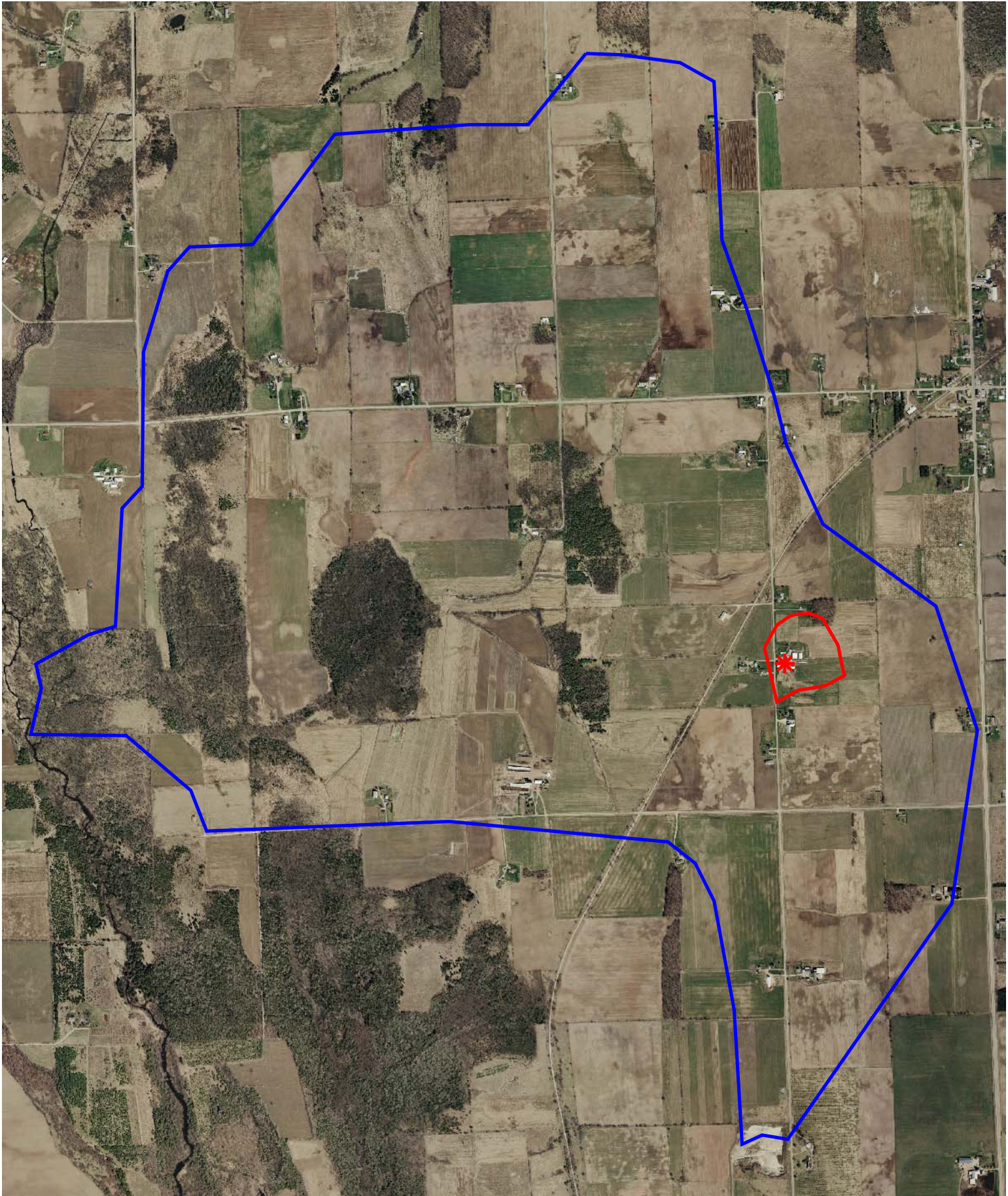
Send to: Department of Natural Resources  
 Attn: Kathy Thompson, WT/2  
 P.O. Box 7921  
 Madison, WI 53707-7921



0 1600 3200 Feet

Watershed Boundary (Hydro Unit)  
Project Drainage  
Project Location









Manure Loading and Feed  
Station Adjacent to Road Ditch





**DOOR COUNTY  
Soil & Water  
Conservation Department**

421 Nebraska Street  
Sturgeon Bay, Wisconsin 54235  
(920) 746-2214  
FAX (920) 746-2369  
E-mail SWCD@co.door.wi.us

April 4, 2007

Mr. Gordon Stevenson  
Runoff Management Section  
Department of Natural Resources  
PO Box 7921  
Madison, WI 53707-7921

Mr. Stevenson:

The purpose of this letter is to assure the Department of Natural Resources that the Door County SWCD is committed to the implementation of the State Standards and Prohibitions under subch. II of NR 151 and Door County's CHAPTER 23 AGRICULTURAL PERFORMANCE STANDARDS AND ANIMAL WASTE STORAGE ORDINANCE.

The Door County SWCD is pursuing grant monies through the Targeted Runoff Management Grant program specifically to enforce statewide agricultural performance standard and prohibition violations on six existing farms within the Joint DATCP and DNR Grant Application for Calendar year 2008. The applications being submitted for Ron Clark, Patrick Olson, Ken Baudhuin, Tim Tanck, John Lasee and Norbert Haberli have numerous animal waste prohibition violations that we intend to resolve by making an official offer of cost sharing through Chapter 23 and NR 151. Upon receipt of approved grants, the SWCD will officially inventory and notify each landowner of standard and prohibition violations and make an offer of cost sharing for required BMP's with a compliance schedule conducive to the grant period.

All six of the aforementioned farm sites exist in areas of the County that are not covered or eligible through a priority watershed project, therefore the SWCD is depending on TRM program cost sharing to meet objectives stated in its LWRM plan approved by the DATCP on January 24, 2006.

Sincerely,

William E. Schuster  
County Conservationist



**DOOR COUNTY  
Soil & Water  
Conservation Department**

421 Nebraska Street  
Sturgeon Bay, Wisconsin 54235  
(920) 746-2214  
FAX (920) 746-2369  
E-mail SWCD@co.door.wi.us

April 4, 2007

Ms. Mary Rose Teves  
Grants Section Chief  
Department of Natural Resources  
PO Box 7921  
Madison, WI 53707-7921

Ms. Teves:

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William E. Schuster  
County Conservationist