

Notice: This application form template was created 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. 281.66, Wis. Stats., and Chapters NR 151, 154, and 155, Wis. Adm. Code. Collection of this information is authorized under the authority of s. 281.66, Wis. Stats. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law [ss. 19.31 - 19.39, Wis. Stats.]. *Unless otherwise noted, all citations refer to Wisconsin Administrative Code.*

Please read the instructions prior to completion of this form. Complete all sections as applicable. Tab to each section or click in answer spaces.

Applicant Information

Calendar Year of Grant Start		2016	
Project Name			
Town of Dunn - TMDL Stormwater Plan			
Applicant (governmental unit applying; name and type, e.g. Wausau, City; Randall, Town; Waunakee, Village)			
Dunn, Town			
Name of Government Official - Authorized Signatory (First Last)		Name of Government Official - Grant Contact Person (First Last)	
Erica Schmitz			
Title		Title	
Land Use Manager			
Area Code + Phone Number		Area Code + Phone Number	
(608) 838-1081			
E-Mail Address		E-Mail Address	
eschmitz@town.dunn.wi.us			
Mailing Address - Street or PO Box		Mailing Address - Street or PO Box	
4156 County Road B			
City	State	ZIP Code	City
McFarland	WI	53558	

Project Information

A. Location of Project

County			State Senate District number:				State Assembly District number:		
Dane			16				47		
Minor Civil Division (city, town, village, e.g., Wrightstown, Village of)	Township (N)	Range	E or W	Section	Quarter	Quarter- Quarter	Latitude (North, 4 to 7 decimal places)	Longitude (West, 4 to 7 decimal places)	
Dunn, Town of	06 N	10	E	21	NW	SE	42.9686	-89.3228	
	N								
	N								

Method for Determining Latitude & Longitude (check one)

- GPS DNR Surface Water Data Viewer (<http://dnrmaps.wi.gov/SL/?Viewer=SWDV>)
 Other (specify):

B. Project Summary and Description. Use this space for the project summary and description, not an attachment.

Mention every activity being proposed in Part II; Question 1.

The Town of Dunn is requesting funding for a TMDL Stormwater Plan to assist in meeting the Rock River Basin Total Maximum Daily Load (TMDL) requirements. The Town has a Municipal Separate Storm Sewer System (MS4) permit through the Wisconsin Department of Natural Resources (WDNR), a stormwater model and plan completed March 30, 2010 (approved by WDNR February 2011). Attachment A-TMDL/MS4 Requirements Summary shows the results of the most recent modeling in relation to the MS4 (Municipally Separate Storm Sewer System) Permit and TMDL required reductions. According to the Town's March 2010 modeling, the Town currently meets WDNR's MS4 Permit-required 20 percent total suspended solids (TSS) reduction with a 54.2 percent TSS reduction, but does not meet the TMDL required reduction for TSS and total phosphorus (TP).

Modeling updates will be required to meet WDNR's October 20, 2014, TMDL Guidance for MS4 Permits: Planning, Implementation, and Modeling Guidance document that was developed by WDNR's TMDL-MS4 Urban Stormwater Technical Team. The guidance addresses the technical differences between the previously submitted MS4 modeling and the modeling being completed for TMDLs.

The Rock River TMDL has been approved by the United States Environmental Protection Agency (EPA) on September 28, 2011, and the Town will be required to submit a plan for TMDL compliance by March 31, 2018. The Town has bought into the Madison Metropolitan Sewerage District (MMSD) Yahara Watershed Improvement Network (WINs) Watershed Adaptive Management Plan Pilot Project which is seeking updated stormwater quality modeling from MS4 communities to determine the potential level of buy-in for the full-scale project in 2017. An update in the Town's stormwater quality modeling will satisfy this request. Complementary to the TMDL Stormwater Plan will be updates to certain portions of the Town's MS4 programs. The MS4 program modifications include:

1. Public Education and Outreach and Public Involvement and Participation programs review and modifications.
2. Construction site erosion control and stormwater management ordinance modifications to be consistent with February 2012 NR 151 revisions.
3. Illicit Discharge Detection and Elimination program modifications to be consistent with WDNR's March 2012 Guidance document and illicit discharge screening in 2016.
4. Stormwater Pollution Prevention program modifications based on current operations.
5. Deicing Activities Documentation.

The project will also include a concept-level stormwater utility feasibility study. The study will provide information regarding the potential revenue generation ability of a stormwater utility and the potential impacts to various land-use classifications and parcels comparing costs under a tax-based and fee-based funding mechanism.

The following attachments support the Town's grant application.

Attachment A-TMDL/MS4 Requirements Summary

Attachment B-USGS Project Map

Attachment C-Aerial Project Map

Attachment D-Anticipated Scope of Services

Attachment E-Anticipated Level of Effort

Attachment F-Town of Dunn Resolution

Attachment G-Grant Scoring

Attachment H-2015 Approved Budget

Attachment I-Letters of Support from Dane County Land & Water Resource Department, Friends of Lake Kegonsa Society (FOLKS), Madison Metropolitan Sewerage District, Rock River Coalition, and Lake Waubesa Conservation Association, Inc.

Attachment J-Town of Dunn Storm Water Management Plan

C. Watershed, Waterbody and Pollutants (see Attachment A and <http://dnrmaps.wi.gov/SL/?Viewer=SWDV>).
Note: Planning areas may encompass several square miles and may affect multiple watersheds.

Watershed Name	Watershed Code	12-digit Hydrologic Unit Code (HUC)	% of Project Area	Nearest Waterbody Name
Yahara River and Lake Kegonsa	LR06	070900020903	56	Yahara River, Lake Kegonsa
Yahara River and Lake Monona	LR08	070900020703	24	Yarhara River, Lake Waubesa
Badfish Creek	LR07	070900020801	20	Badfish Creek

Nonpoint Source Pollutant(s) Controlled by the Project

- Nutrients Sediment Other, specify: Total Phosphorous

Part I. Screening Requirements

A. Maps and Photographs

Yes

- An 8.5" x 11" map from the DNR data/map viewers, showing the project area, is attached (link to <http://dnrmaps.wi.gov/SL/?Viewer=SWDV>).
- Aerial photo maps and project area photos are also included.

B. Filters Note: The applicant must be able to check "Yes" to questions 1 through 8 below to be eligible for a grant. Check "Yes" to question 9, if applicable.

Yes

1. Project is in an area that is urban or will be urban within 20 years (see Attachment B).
2. Project will be completed within 24 months of the start of the grant period.
3. Staff and consultants designated to work on this project have adequate training, knowledge, and experience to implement the proposed project.
4. Staff or contractual services, in addition to those funded by this grant, will be provided if needed.
5. Planning products prepared under this grant will not work at cross-purposes to (are consistent with) the non-agricultural performance standards under ch. NR 151 (see Attachment D).
6. The local DNR District Nonpoint Source Coordinator has been contacted and the project was discussed. See contacts at: <http://dnr.wi.gov/topic/nonpoint/NPScontacts.html>.

Name of the District Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
Mike Gilbertson	04/01/2015	Phone conversation confirming project eligibility and to discuss how Town gets reimbursed when providing some of the work.
Mike Gilbertson	03/31/2015	(Erica Schmitz) Phone conversation discussing the project scope, project eligibility and competitiveness.

7. The applicant can declare that **one** of the two statements below is TRUE.
- a. Statement A: The grant application is for a local governmental unit that has jurisdiction over the project area. (Jurisdiction over the project area means that the governmental unit has control over whether the planning recommendations are carried out.)
- b. Statement B: The applicant does not have jurisdiction over the project area; however conditions "i" and "ii" or "i" and "iii" are met
- i. The applicant is required to obtain a permit under subchapter I. of ch. NR 216; **and**
- ii. In addition, Inter-Governmental Agreements (IGAs) are in place,
- iii. **or**, will be put in place prior to the commencement of the grant period, to assure urban best management practices included on the grant are installed and maintained (see Attachment G).

8. The applicant can declare that **one** of the two statements below is TRUE.
- a. Statement A: The applicant is not the University of Wisconsin Board of Regents.
 - b. Statement B: The applicant is the University of Wisconsin Board of Regents **and** the project will develop recommendations for a UW Campus area located in a municipality that meets **both** of the following criteria:
 - i. The municipality is required to obtain a municipal storm water permit under ch. NR 216 **and**
 - ii. The municipality is located either in a priority watershed or lake area identified under s. 281.65, Wis. Stats., or in an area of concern as identified by the International Joint Commission under the Great Lakes Water Quality Agreement.
9. This application is a joint application among local units of government, and
- If yes, the required Inter-Governmental Agreement (maybe a DRAFT) is attached (see Attachment G).

If the applicant answered "No" to any of the items in 1-8, above, stop here. This project is ineligible.

Part II. Competitive Elements

Question 1. Project Activities and Extent of Pollutant Control

A project can consist of one or more of the following planning activity categories (A through F). For each category below, check the boxes that describe the work products which will be produced under **this** grant. **Do not check boxes based on prior work.**

A. Ordinance Preparation

Develop Update The project is to develop or update one or more of the following ordinances (must be the applying Governmental
New Existing Unit's ordinances), including associated information, education and public participation activities. Check all that apply.

- 1. Construction erosion control ordinance including all the requirements of s. NR 151.11.
- 2. Storm water ordinance for new development and re-development including all the requirements of ss. NR 151.12, NR 151.121-128, and NR 151.241-249.
(See NR 151 at: http://docs.legis.wi.gov/code/admin_code/nr/100/151.pdf#page=1.)
- 3. Low impact development/conservation subdivision ordinances.
- 4. Other ordinances such as an illicit discharge ordinance, storm water ordinances affecting runoff from developed urban areas (e.g., pet waste management ordinances, nutrient management ordinances), or ordinances that regulate the application of fertilizers to non-municipal properties in accordance with s. NR 151.14.

B. Financing Mechanisms

Develop Update The project will evaluate financing mechanisms for storm water management, including associated information,
New Existing education and public participation activities. Recommendations will be presented to the governing board for approval and DNR will be notified of the governing board's action. Check **one** of the following:

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

C. Storm Water Plan for Developed Urban Areas (includes redevelopment)

Develop Update The project is to develop or update a storm water management plan for developed urban areas, including
New Existing redevelopment, which addresses all applicable performance standards under NR 151 including associated information, education and public participation activities.
Check **one** of the following

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

D. Storm Water Plan for New Development

Develop Update The project will develop or update a storm water management plan for new development that addresses all of the
New Existing performance standards under ss. NR 151.12, NR 151.121-128, and NR 151.241-249, including associated information, education and public participation activities. Check **one** of the following:

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1. This project will cover the entire geographic area of the governmental unit.

OR

2. This project will cover only part of the geographic area of the governmental unit.

E. Comprehensive Storm Water Information and Education Program

Check this box if the project will develop and/or implement a comprehensive storm water information and education program. *Note:* This category may **not** be checked if any boxes in categories A through D, above, have been checked. Information and education activities are expected to be included as necessary components of projects under categories A through D.

F. Inter-Municipal and Watershed-based Cooperation (bonus)

Check this box if this project is being conducted as part of an inter-governmental storm water management strategy for a common water resource. This also includes entering into a Watershed-based Storm Water Management Permit with other municipalities.

Note: If more than one local unit of government is joining in this project application (a "joint application"), then an Inter-Governmental Agreement (IGA) meeting the requirements of Attachment G must be submitted with this application.

Provide a description of the inter-governmental effort that will be used to complete the project.

Question 2. 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(s) of Staff
Basic Milestones		
Prepare preliminary scope of services and discuss with DNR NPS Coordinator	12/2015	Town Staff, Strand, WDNR
Prepare Request for Proposal	12/2015	Not Applicable (to be performed by Town Staff & Strand)
Select Consultant	01/2016	Not Applicable (to be performed by Town Staff & Strand)
Finalize Scope of Service and Professional Services Contract	01/2016	Town Staff, Strand

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Get DNR approval of Professional Services Contract	01/2016	Town Staff, Strand, WDNR
Hold "kick-off" meeting	02/2016	Town Staff, Strand, WDNR
Interim meeting with DNR	06/2016	Town Staff, Strand, WDNR
Presentation to Municipal Council	10/2016	Town Staff
Submit project and final report to DNR	11/2016	Town staff, Strand

Additional Milestones (list below)

Field Work/Survey	03/2016	Strand
Draft Report	07/2016	Town Staff, Strand
Final Report	09/2016	Town Staff, Strand
Public Information Meeting	09/2016	Town Staff

B. Adequate Financial Budget

Provide detailed budget information for every proposed project activity in Question 1, and supporting activities for which DNR funding is requested. Please note: the state share may not exceed 70% of eligible costs. The grant amount is capped at \$85,000 for the eligible planning activities.

B.1. Financial Budget Table - Planning Activities

A	B	C
Project Activity for Which DNR Funding is Requested Use this space, not an attachment.	Estimated Total Cost (\$)	Amount from Column B Eligible for DNR Cost Sharing (\$)
Field Survey and Inventory	2,000	2,000
Administration and Meetings	9,200	9,200
Concept-Level Stormwater Utility Feasibility Study	5,200	5,200
Double-Ring Infiltrometer Testing	5,600	5,600
Model and Report Update	23,100	23,100
Alternative Analysis and Report Update	11,500	11,500
MS4 Program Update: Erosion Control and Stormwater Ordinances	500	500
MS4 Program Update: IDDE Program and Ordinance & 2016 IDDE Screening	1,700	1,700
MS4 Program Update: Pollution Prevention and Deicing Activities	1,600	1,600
MS4 Program Update: Public Education/Outreach & Public Involvement/Participation	800	800
MS4 Program: New Low Impact Development/Conservation Subdivision Ordinance	4,200	4,200
1. Total	65,400	65,400

B.1. (continued) Cost Sharing Worksheet

Eligible Costs:

2. 70% of Column C Total Row 1 above	\$	45,780
Cap Test:		
3. Maximum State Share Row 2 or \$85,000, whichever is less	\$	45,780
State and Local Share:		
4. Requested State Share Amount (Enter Requested Grant Amount)		45,780

5. Local Share Amount (Total of Row 1 Column B less Row 4)

\$ 19,620

B.2. Use of Additional Funding

Check this box if both of the following conditions are met.

- The requested state share amount in row 4 is less than the \$85,000 grant cap.
- The requested state share amount in row 4 is below the maximum state-share in row 3. (The resulting cost-share rate is less than 70%.)

B.3. Cost Estimate Quality Describe the quality of cost estimates including whether the cost estimate is based on a competitive bid, scope of services, similar projects conducted locally, similar projects conducted elsewhere in the state or region, or other more generalized data. Provide documentation.

The consultant worked with municipal staff to compile cost estimates based on similar projects conducted locally (Town of Pleasant Springs-\$69,500; Town of Lisbon-\$56,000) and within the state of Wisconsin. Attachments D and E include a draft scope of services and anticipated level of effort used to generate the costs, herein. Costs are also based on local knowledge of the community and from review of the Town's 2010 stormwater quality management plan. For comparison purposes, the project cost of \$70,200 for this project fits well within the cost of similar projects awarded grants in 2013 (Average project cost range from \$41,930 to \$168,000) and 2014 (Average project cost range from \$55,164 to \$140,174).

Identify the source of the local share:

Funds for the local share will come from the Town's Stormwater fund.

Question 3. Project Evaluation Strategy

Information that will be developed and presented to DNR to evaluate the environmental benefits of completing this project. Check all that apply.

- A. Information that quantifies how project implementation is projected to decrease storm water impacts on state waters will be provided to the DNR. The information may be provided as part of the planning product (e.g., storm water plan, I&E plan) or in the Final Report.
- B. Information that tracks progress in carrying out recommendations of this project will be provided to the Department for one or two years after the project is completed. Specify if it is going to be one or two years that tracking information will be provided and describe how this annual post-project tracking process will work:
The Town of Dunn TMDL Stormwater Plan will quantify the decrease in stormwater impact. The Town will provide a written section in its annual report to the DNR documenting implementation of the plan for a minimum of two years after the project is complete.

Question 4. Water Quality Needs

The project must be consistent with at least one of the following seven watershed priorities. For each watershed in the project area, identify the category that best identifies the project goals. If more than one category is checked (because the project area contains more than one watershed), estimate the portion of the project area to be assigned to each category.

Note: For border waters where a State of the Basin Report does not exist, another governmental document acceptable to the District NPS Coordinator may be used to identify the water quality need.

Percent of Project Area (Total should equal 100%)	Surface Water Considerations
<input checked="" type="checkbox"/>	<p>A. Clean Water Act section 303(d) List of Impaired Waters Project with water quality goals directly dealing with a water body (lake or stream) on the latest Clean Water Act (CWA) s. 303(d) List of Impaired Waters, where the cause of the impairment is nonpoint source pollution and this project will reduce the type of nonpoint pollutants for which the water is listed (see Attachment A and http://dnrm.wi.gov/SL/?Viewer=SWDV).</p> <p>Name of Applicable Impaired Water: Yahara River (Lake Waubesa to Badfish Creek)</p> <hr/> <p>Name of Pollutant Causing Impairment: Total Phosphorus and Sediment/Total Suspended Solids</p>
100	
<input checked="" type="checkbox"/>	<p>B. Outstanding or Exceptional Resource Waters or Other Areas of Special Natural Resource Interest Prevention of degradation due to nonpoint sources of outstanding resource waters (ORW) (per s. NR 102.10) or exceptional resource waters (ERW) (per s. NR 102.11) or other areas of special natural resource interest (ASNRI). To locate ORW/ERW and other ASNRI's see Attachment A and go to DNR's Surface Water Data Viewer Designated Waters Theme at http://dnrm.wi.gov/SL/Viewer.html?Viewer=SWDV&runWorkflow=DesignatedWaters.</p> <p>Name of Applicable ORW/ERW or ASNRI: ASNRI: Lake Waubesa, Yahara River, Lake Kegonsa, Keenan's Creek, Badfish Creek</p>
<input type="checkbox"/>	<p>C. Not Fully Supporting Uses or NPS Ranking of High or Medium A water body (lake or stream) identified in a DNR-approved Basin/Watershed Plan as not supporting designated uses due to nonpoint sources, but is not on the section 303(d) List. In newer plans, these waters are categorized as "supporting" (as opposed to "fully supporting") designated uses; in plans prior to 2010 they were labeled as "partially meeting" designated uses. Or, the project is located in 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.</p>
<input type="checkbox"/>	<p>D. Surface Water Quality Prevention of degradation of surface water quality due to nonpoint sources</p>
	<p>Groundwater Considerations For assistance with this section, please consult the DNR District Drinking Water and Groundwater Specialist at: http://dnr.wi.gov/topic/drinkingWater/documents/CountyContacts.pdf or the County Extension office.</p>
<input type="checkbox"/>	<p>E. Exceeds Groundwater Enforcement Standard Groundwater within the project area where representative information indicates that stormwater pollutants in groundwater exceed the Enforcement Standard (ES).</p>
<input type="checkbox"/>	<p>F. Exceeds Groundwater Preventive Action Limit Groundwater within the project area where representative information indicates that storm water pollutants in groundwater exceed the Preventative Action Limit (PAL).</p>
<input type="checkbox"/>	<p>G. Groundwater Quality (see Attachment E) The project area is within a geological area defined in Attachment F as susceptible to groundwater contamination.</p>
Total:	
100	

Drinking Water Bonus Points (see Attachment E)

- Yes Check this box if the project water quality goals identified above relate to the reduction of nonpoint source contaminants in community or non-community public drinking water supplies. This includes any of the following: Municipal supplies governed by chs. NR 809 and 811; Other-Than-Municipal (OTM) water supplies governed by chs. NR 809 and 811; Non-Transient water supplies governed by chs. NR 809 and 811; Transient water supplies governed by chs. NR 809 and 812.

1. If "Yes," and you checked boxes E, F, or G, above, then mark a, b, or c, below and move on to question 6. (You will need assistance from your DNR District NPS Coordinator at <http://dnr.wi.gov/topic/nonpoint/NPSContacts.html> or Water Supply Specialist at <http://dnr.wi.gov/topic/drinkingWater/documents/CountyContacts.pdf> to answer.)
 - a. Check this box if the project is located: within the wellhead protection area of a municipal well; or within 1,200 feet of a municipal well for which a wellhead protection area is not delineated; or within 1,200 feet of an Other-Than-Municipal (OTM) water supply well; or within 1,200 feet of a Non-Transient water supply well.
 - b. Check this box if the project is located within 200 feet of a Transient water supply well.
 - c. Check this box if **neither** a nor b applies
2. If "Yes," and you checked box **A, B, or C or D above**, then place a check mark next to the appropriate drainage area where the project is located. If the project is in more than one drainage area, enter the appropriate percentages in the boxes provided. (See Attachment E .)

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

Question 5. Evidence of Local Support

For A. and B., check the applicable situation that exists at the time of application. Submit supporting information and documentation with the application.

A. Government

- 1. The local-share funds for this project's expenses are already included specifically in an **adopted** budget.
 - Evidence of the adopted budget is included with the application submittal.
Describe the document and list date of adoption:
The Town of Dunn has monies allocated for stormwater modeling in the approved 2015 adopted budget to update there stormwater management plan. Attachment H is a copy of the Towns approved 2015 budget.
- 2. The local-share funds for the project expenses are or will be included in a **proposed** budget.
 - Evidence of the proposed budget is included with the application submittal.
Describe the document and list date for adoption;

B. Community Supporting information must be submitted with the application.

- 1. There is local community support from community stakeholders specifically for the project.

- a. There is local support from citizen groups.
- b. There is local support from municipal committees or councils representing the applicant.
2. There is community support for addressing general water resource needs in the community, even though there may not be evidence of support for this specific project.
- a. There is general support from citizen groups.
- b. There is general support from municipal committees or councils representing the applicant.

Question 6. Plans and Regulations**A. Consistency With Resource Management Plans**

- Check this box if the proposed project focuses on plans to implement a water quality recommendation from a locally-approved resource management plan. Examples include Smart Growth plans, Legacy Community plans, Water Star plans, local Storm Water Management plans, wellhead protection, lake management, regional water quality plans, Remedial Action plans and other watershed-based nonpoint source control plans.
- (This question does not include a TMDL report, TMDL implementation plan, or County Land and Water Resource Management Plan.)*

If Yes, summarize the water quality recommendation and describe how it relates to the goals of this proposed project. Cite the title, author and date(s) of publication of the resource management plan. Attach pertinent page(s) or provide URL and page numbers.

1. Town of Dunn Comprehensive Plan, April 2008: A goal stated in the plan is to protect natural resource features in the Town of Dunn's planning area. This goal will be done through action 2-2b: "Require strategies to address the potential impacts to development on water quality and quantity in Dunn's streams, rivers, lakes, wetlands and groundwater aquifers."

<http://www.town.dunn.wi.us/resources/chapter3agriculturalculturalnaturalresourcesplan.pdf>

2. The State of the Rock River Basin, April 2002, PUBL#WT-668-2002, WI DNR: This report, on page 104, states that one of the critical resource issues in the basin is stormwater which has the following sub-issues: "Developing Conservation Oriented Stormwater Systems, Increasing Regulatory Controls on Stormwater Runoff and Landuse, Insufficient Basin-Wide Cooperation to Control Runoff, Increasing Resources (funding/technical assistance) for Stormwater Controls." As well, water quality is listed as another issue which has the following sub-issues: "Impaired Water Quality in most Basin's rivers and lakes, Reducing Pollutants from Point and Non Point Pollution Sources."

http://dnr.wi.gov/water/basin/lowerrock/imp/01_rrb_cover_2002.pdf

3. Clean Lakes Alliance 2013 Annual Report, 2013: The plan states "these state regulations (including NR102, NR 217, and NR 151) set water quality standards for phosphorus in surface waters, including the maximum concentration of phosphorus allowed in various types of water bodies. They outline, on page 41, procedures for implementing these standards both for point sources of discharge and non-point sources of runoff."

On page 42, the plan also states the Alliance's support for action to reduce phosphorus pollution.

http://issuu.com/cleanlakesalliance/docs/2013-report_policy-programs-people

4. Yahara CLEAN Engineering Report, March 2013: This report states on page 6-1 and 7-1: "Lake Waubesa has 29,060 pounds of phosphorus and Lake Kegonsa has 37,720 pounds of phosphorus entering the lakes on an annual basis. This load is based on 28 years of data. The largest load to Lake Waubesa is the discharge from Lake Monona. The majority of the direct drainage load in this watershed is from urban sources. A small portion of the load, 1,540 pounds for Lake Waubesa and 2,420 pounds of phosphorus a year for Lake Kegonsa, enters the lake from other sources which include dry fallout, precipitation, and groundwater. The goal is to reduce the total load by 50 percent (or more), or 33,390 pounds of phosphorus a year."

<http://www.madsewer.org/Portals/0/ProgramInitiatives/YaharaWINS/Resources/Documents/Yahara%20CLEAN%20Engineering%20Report.FINAL.March%202013.pdf>

5. Town of Dunn Storm Water Quality Management Plan, March 2010: On page II-3, The plans goal is to address the broader stormwater pollution problem within the context of the Towns minimal contribution to the overall urban stormwater pollutant load.

See Attachment J for pages from the Town of Dunn Storm Water Quality Management Plan.

The proposed project is consistent with each of the water quality recommendations included in the above locally-approved resource management plans.

B. Supporting Regulations

Check the box for the statement(s) that applies to this project. The project is located within an area which has:

- 1. The applicant (applying governmental unit) has regulations in place to administer and enforce construction erosion controls in the governmental unit that are consistent with the non-agricultural performance standards in s. NR 151.11 Include the web site where the regulation can be found (most direct web page URL) and page number(s). The Town of Dunn follows the Dane County ordinance for erosion control and stormwater management. The Dane County Land Conservation Division (LCD) is responsible for adherence to the code for all construction activities within the Town's boundary. The Town's building inspector does check for the county permit on-site and keeps a copy of the County checklist for erosion control.

<http://danedocs.countyofdane.com/wevdocs/pdf/ordinances/ord014.pdf>

Or check the box if a copy of the regulation is attached to this application.

- 2. The applicant (applying governmental unit) has regulations in place to administer and enforce post-construction runoff for areas of new development and redevelopment in the governmental unit consistent with the non-agricultural performance standards in s. NR 151.12. Include the web site where the regulation can be found (most direct web page URL) and page number(s). The Town of Dunn follows the Dane County ordinance for erosion control and stormwater management. The Dane County Land Conservation Division (LCD) is responsible for adherence to the code for all construction activities within the Town's boundary. The Town's building inspector does check for the county permit on-site and keeps a copy of the County checklist for erosion control.

<http://danedocs.countyofdane.com/wevdocs/pdf/ordinances/ord014.pdf>

Or check the box if a copy of the regulation is attached to this application.

Question 7. City of Racine

- Check this box if this is an application from the City of Racine for a project that is necessary for the city to comply with state storm water permitting requirements.

Part III. 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.

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

- A. The governmental unit is implementing a pollution prevention information and education program targeted for property owners and other residents.
- B. The governmental unit is tracking storm water permitting activity (construction and post-construction) in the governmental unit and can make summary information available to the DNR upon request.

N/A

- C. The governmental unit is implementing a nutrient management plan for municipally-owned properties of pervious area where nutrients are applied.

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.

Question 5B. - The Town has submitted _ letters of support from citizen groups (Attachment I), an authorizing resolution for this project (Attachment F), and has illicit discharge detection ordinances. With this evidence of specific community support, the City claims 6 points for Question 5.B.1.

Project Name:
Town of Dunn - TMDL Stormwater Plan

**UNPS&SW Program - Planning Grant
Application**

Form 8700-299A (R 1/15)

Page 12 of 13

Applicant Certification

A Responsible Governmental Official (authorized signatory) must sign and date the application form prior to submittal to the DNR. The governmental official with signatory authority must be the person authorized by the Governmental Responsibility Resolution. I certify that, to the best of my knowledge, the information contained in this application and attachments is correct and true.

Signature of Government Official - Authorized Signatory

Date Signed

4/14/2015

Name (Please Print)

Erica Schmitz

Title

Land Use Manager

- Check this box if the required, completed Governmental Responsibility Resolution (GRR) (see Attachment H) is attached. Authorized signatory must be approved in the GRR.

Submittal Directions

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

- One hard copy of the completed application form [DNR Form 8700-299A (R 1/15) with original signature in blue ink and all attachments.
- Three additional hard copies of the completed, signed application form and all attachments.
- One electronic copy of the completed application form (this saved application form) in **PDF format only** plus all attachments on CD.

All application materials must be postmarked by midnight **April 15 of the same calendar year**.

Mail to: State of Wisconsin
Runoff Management Section-WT/3
Department of Natural Resources
101 South Webster Street
Madison, WI 53703

PO Box 7921
or Madison WI 53707-7921

Project Name:

Town of Dunn - TMDL Stormwater Plan

**UNPS&SW Program - Planning Grant
Application**

Form 8700-299A (R 1/15)

Page 13 of 13

Please use this page to write any constructive comment(s) you might have to improve this application.

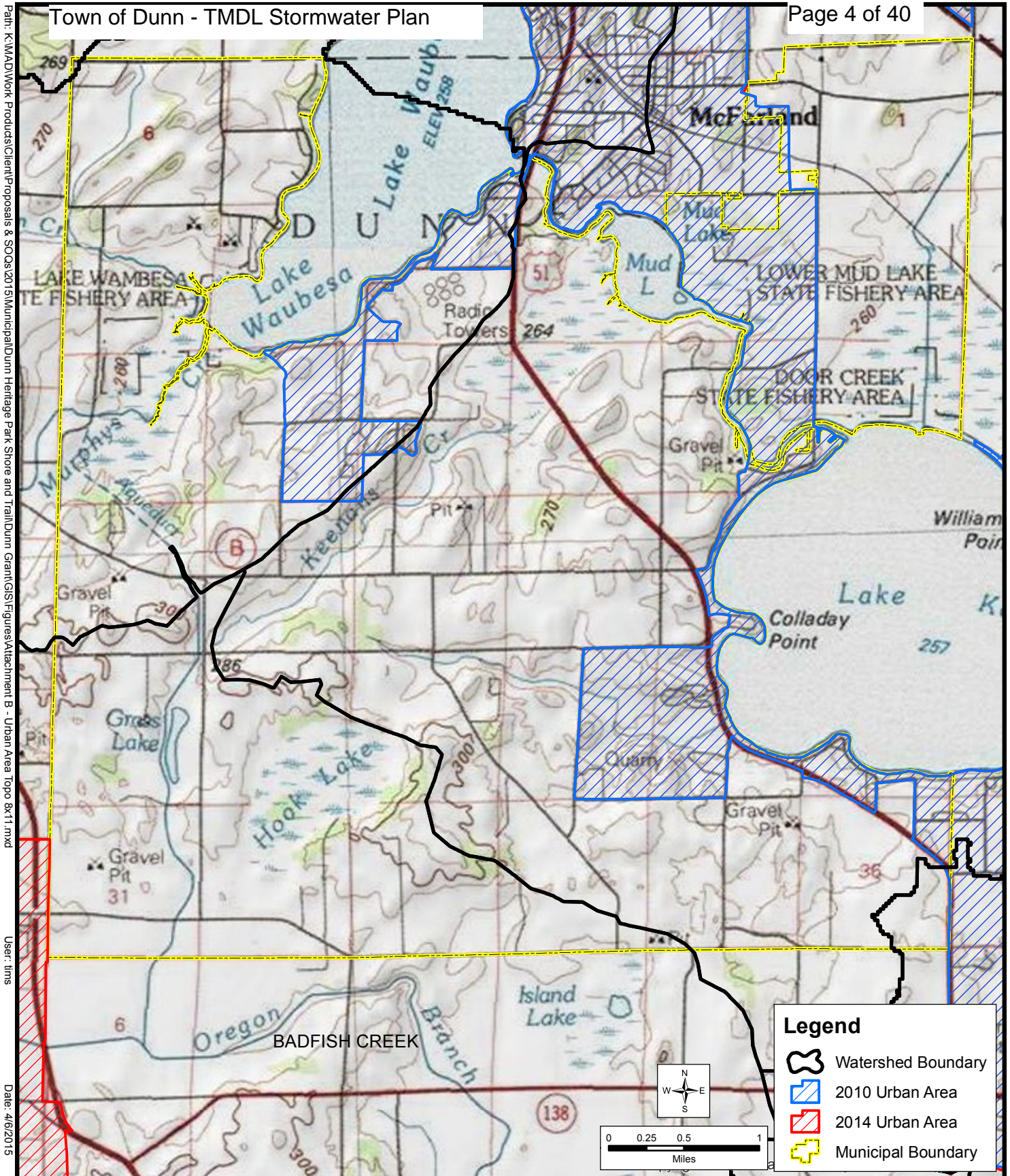
Thank you.

Attachment A - Dunn TMDL/MS4 Requirements Summary

**Attachment A-TMDL/MS4 Requirements Summary
Town of Dunn**

Pollutant	MS4 Permit Required Reductions	Rock River TMDL Required Reductions Per Reach	MS4 Existing Conditions Community-Wide (% Reduction)	TMDL Pollutant Reduction Gap (%)
Town of Dunn				
TSS	20%	Reach 65: 68.0% Reach 66: 62.0% Reach 67: 40.0% Reach 69: 53.0%	54.2%	Varies per Reach
TP	TBD	Reach 65: 63.0% Reach 66: 54.0% Reach 67: 27.0% Reach 69: 80.0%	33.7%	Varies per Reach

Attachment B - USGS Project Map



Legend

- Watershed Boundary
- 2010 Urban Area
- 2014 Urban Area
- Municipal Boundary

PROJECT LOCATION MAP








**TOWN OF DUNN
DANE COUNTY, WISCONSIN**

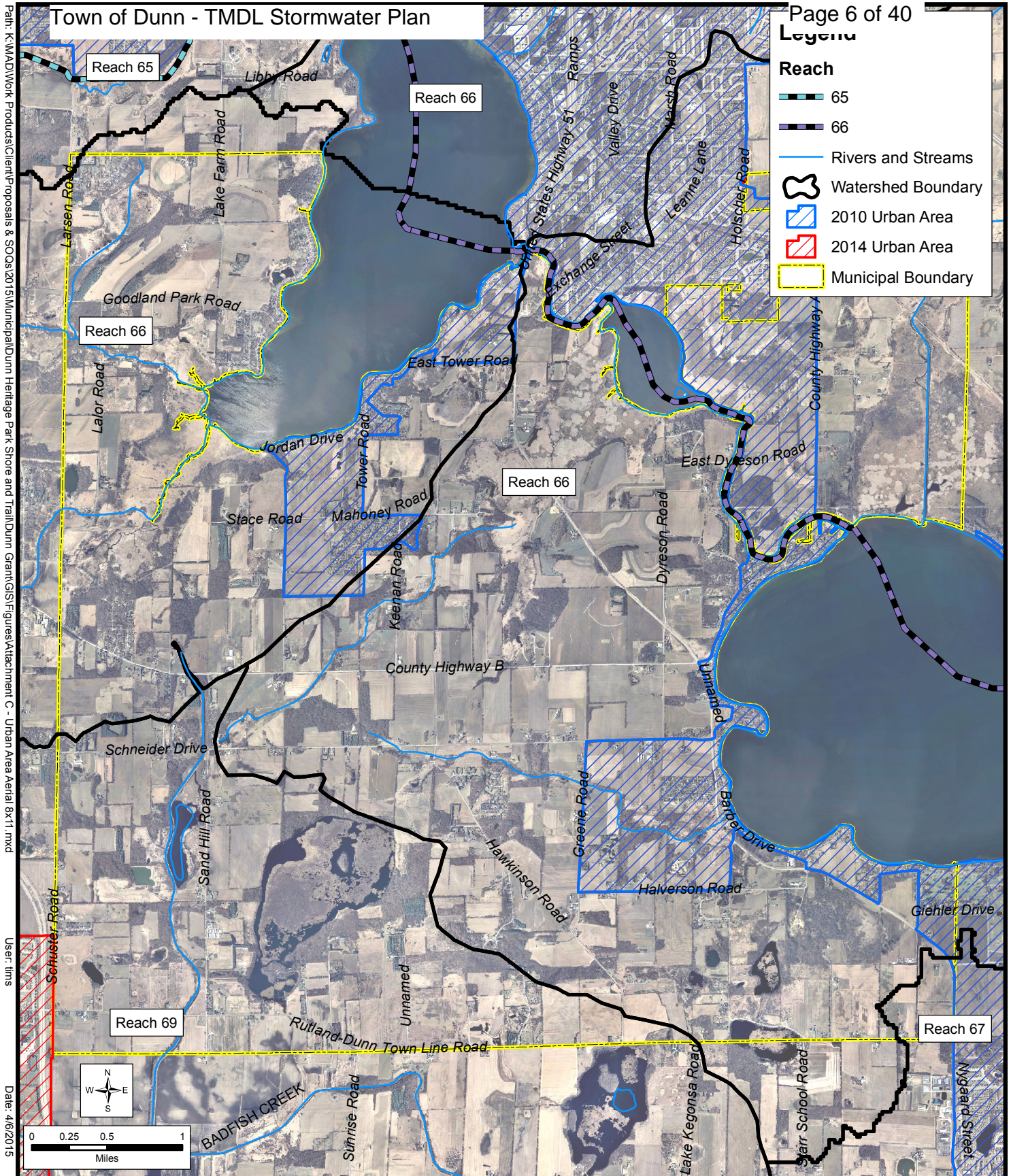
SA STRAND ASSOCIATES®
**ATTACHMENT B
1276.001**

Path: K:\MAD\Work_Products\Clients\Proposals & SOCs\2015\Municipal\Dunn Heritage Park Shore and Trail\Dunn Grant\GIS\Figures\Attachment B - Urban Area Topo 8x11.mxd
User: lms
Date: 4/6/2015
Time: 2:18:13 PM

Attachment C - Aerial Project Map

Reach

-  65
-  66
-  Rivers and Streams
-  Watershed Boundary
-  2010 Urban Area
-  2014 Urban Area
-  Municipal Boundary



Path: K:\MAD\Work_Products\Client\Proposals & SOCs\2015\Municipal\Dunn Heritage Park Shore and Trail\Dunn Grant\GIS\Figures\Attachment C - Urban Area Aerial 8x11.mxd
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ROCK RIVER REACHES

**TOWN OF DUNN
DANE COUNTY, WISCONSIN**



**ATTACHMENT C
1276.001**

Attachment D - Anticipated Scope of Services

Attachment D-Anticipated Scope of Services

Project Name: TMDL Stormwater Plan

Government Unit Applying: Town of Dunn

1. Administration and Meetingsa. Grant Administration

Assist the Town in submittal of quarterly grant progress reports and reimbursement requests. Prepare and submit DNR Final Report (Form 3400-189)

b. Meetings

- Meeting No. 1-Kickoff Meeting
- Meeting No. 2-Progress meeting to discuss draft plan.
- Meeting No. 3-Presentation of final plan to Town.

2. Concept-Level Stormwater Utility Feasibility Study

Provide a rate base estimate to investigate potential annual revenues for a range of stormwater utility rates. The rate base estimate will be based on development of a preliminary estimate of total impervious area in the Town using available land-use GIS data and parcel data. A potential stormwater utility budget will be prepared. The amount of impervious area on various parcels will be based on typical percent impervious for each land-use classification. Estimate potential impacts to various land-use classes and up to 5 parcels by comparing costs under a tax-based and a fee-based funding mechanism.

3. Double Ring Infiltrometer Testing

Perform 10 double ring infiltrometer tests throughout the Town. Results of each test will be used to determine the infiltration of the soil. This information will be used in the model updates and summarized in the Plan.

4. Stormwater Quality Modeling, Alternatives Analysis, and Implementation Plan

- Field Survey and Inventory-Provide two days of field survey and inventory of existing stormwater BMPs.
- Stormwater System Mapping-Provide an updated map for the Town consistent with the proposed WPDES Permit No. WI-S050075-2 based on information provided by the Town.
- Tabular Summary-Provide a tabular summary for the Town consistent with the proposed WPDES Permit No. WI-S050075-2.
- Stormwater Quality Modeling-Update Town stormwater quality modeling to be consistent with the DNR's October 20, 2014 *TMDL Guidance for MS4 Permits: Planning, Implementation, and Modeling Guidance*. Modeling will be performed in WinSLAMM for the following pollutants: Total Suspended Solids and Total Phosphorus.
- Alternatives Analysis (Within Town Limits)-Identify and analyze up to 3 alternatives to assist in meeting the TMDL requirements within the Town limits consisting of a combination of the various implementation methods listed below. Provide a figure,

K:\MAD\Work Products\Client\Proposals & SOQs\2015\Municipal\Dunn Heritage Park Shore and Trail\Dunn Grant\Grant Base Files\Attachment D-Dunn Anticipated Scope of Services.docx

Attachment D-Anticipated Scope of Services

Project Name: TMDL Stormwater Plan

Government Unit Applying: Village of Town of Dunn

- analysis, and opinion of probable cost for each alternative. Each of the following implementation methods will be considered.
- Ordinance Review and Updates
 - Structural Management Practices (i.e: Wet Pond, Bioretention)
 - Operational Management Practices (i.e: “soft-control”)
 - Streambank Stabilization
- Alternatives Analysis (Water Quality Trading and Watershed Adaptive Management)- Provide a written section in the plan discussing the mechanism for achieving TMDL compliance through water quality trading and watershed adaptive management and including review of level of buy-in to a full-scale Yahara WINS watershed adaptive management project. A concept level cost to achieve TMDL-compliance through water quality trading and watershed adaptive management will be developed for comparison with TMDL-compliance within the Town limits.
 - Implementation Plan-Develop a project implementation plan considering engineering requirements, amount of benefit, available funding, land availability, and related issues for the Town. The Implementation Plan will include prioritization of improvements, potential schedule of improvements, and budgeting plan including identification of potential funding sources. This plan will consist of a table within the TMDL Stormwater Plan for the Town.

5. Stormwater Program Updates

- Public Education and Outreach and Public Involvement and Participation-Review and modify, as necessary, the Town programs that are complementary to the Madison Metropolitan Sewerage District (MMSD) Yahara Watershed Improvement Network (WINS) Watershed Adaptive Management Plan efforts.
- Construction Site Erosion Control Ordinance-Update the Town construction site erosion control ordinance to be consistent with the February 2012 NR 151 revisions. The Town of Dunn follows the County’s Construction site erosion and post-construction stormwater management ordinances. A peer review of the County’s ordinances will be done to verify all applicable regulations are incorporated.
- Post-Construction Stormwater Management Ordinance-Update the Town stormwater management ordinance to be consistent with the February 2012 NR 151 revisions. The Town of Dunn follows the County’s Construction site erosion and post-construction stormwater management ordinances. A peer review of the County’s ordinances will be done to verify all applicable regulations are incorporated.
- Illicit Discharge Detection and Elimination Program-Update the Town Illicit Discharge Detection and Elimination programs and ordinances to be consistent with WDNR’s March 2012 Guidance document. Provide illicit discharge inspections in 2016.
- Stormwater Pollution Prevention-Review and update the existing Town Stormwater Pollution Prevention programs.

- Deicing Activities Documentation-Provide information on the Town deicing activities based on information provided by the Town.
- Develop new low impact development/conservation subdivision ordinance that Town can adopt.

6. TMDL Stormwater Plan

Prepare a TMDL Stormwater Plan documenting the plan efforts and submit to Town in draft and final formats. Two copies of the draft and final plan will be submitted to the Town in a hard copy format (total of four hardcopies). A pdf copy of the draft and final plan will be provided.

Attachment E - Anticipated Level of Effort

Attachment E-Anticipated Level Of Effort

Project Name: Dunn-TMDL Stormwater Plan

Government Unit Applying: Town of Dunn

Scope Item	PRINCIPAL	QAQC	PM	PE	TECH	GIS	SEC
Administration and Meetings							
Project Administration	3	2	15	0	0	0	8
Grant Administration	0	2	6	0	0	0	0
Meeting No. 1 - Kickoff Meeting	0	2	6	0	0	0	1
Meeting No. 2 - Draft Plan (Invite DNR)	0	2	6	0	0	2	1
Meeting No. 3 - Presentation of Final Plan to Town	0	2	8	0	0	2	1
Concept-Level Stormwater Utility Feasibility Study							
Impervious Area and Land-Use Analysis to Determine Rate Base	0	1	2	2	0	6	0
Develop 3 Potential Annual Revenue Scenarios For 3 Potential Stormwater Utility Rates	0	1	2	2	0	0	0
Estimate Impacts of 3 Potential Stormwater Utility Rates on Various Land-Use Classes and 5 Parcels per community	0	1	2	6	0	0	0
Report Section Documenting Feasibility Study Efforts	0	1	2	8	0	2	4
Double-Ring Infiltrometer Testing							
Preparation/Mapping	0	0	1	0	2	0	0
Field Testing (10 Sites)	0	0	1	0	38	0	0
Data Reduction, Calculations, Spreadsheet and Mapping	0	1	2	6	2	0	0
Coordination with WDNR to identify infiltration rates for modeling	0	1	3	2	0	0	0
Stormwater Modeling							
WinSLAMM Source Area Data Updates for Watersheds (with Standard Landuse Files)	0	0	1	20	0	4	0
Implement TMDL/MS4 Modeling Guidance to Entire Town Including Maps and Figures	0	2	4	8	0	4	0
Updating WinSLAMM Modeling (Including TSS and TP)	0	0	8	32	0	4	0
Stormwater Management Plan Update							
Inventory of Town Stormwater Management Facilities - Survey/Field Verification	0	0	1	0	8	2	0
Survey Preparation and Post-Survey Download/Data Manipulations	0	0	1	0	6	0	0
Stormsewer System Mapping Update For TMDL Analysis (Watersheds)	0	0	1	4	0	4	0
Alternatives Analysis (Within Town Limits): 3 Alternatives including Figure, Modeling, Cost Opinion consisting of a combination of: ordinance review and updates, structural management practices, operational management practices, and streambank stabilization	0	4	12	24	0	6	0
Alternatives Analysis (Pollutant Trading and Watershed Management): Mechanism For and Comparison of Potential Cost for Pollutant Trading and Watershed Adaptive Management	0	4	4	12	0	4	0
Public Education and Outreach & Public Involvement and Participation Review and Modification	0	0	6	0	0	0	0
Update Stormwater and Erosion Control Ordinances to Be Consistent with February 2012 NR 151 Revisions	0	0	4	0	0	0	0
Update Illicit Discharge Detection and Elimination Program and Provide a screening in 2015	0	0	6	0	8	0	2
Stormwater Pollution Prevention Program Review and Modification	0	0	10	0	0	0	4
Develop New Low Impact Development/Conservation Subdivision Ordinance	0	0	24	0	0	0	12
Draft Stormwater Plan including PDF (2 copies)	0	6	0	20	0	6	20
Modifications to Plan To Incorporate Draft Comments	0	2	8	0	0	6	6
Final Stormwater Plan including PDF (2 copies)	0	4	16	0	0	6	12
DNR Final Report (Form 3400-189)	0	2	2	0	0	0	0
Manhours:	3	40	164	146	64	58	71

Attachment F - Dunn Resolution

**GOVERNMENTAL RESPONSIBILITY RESOLUTION
FOR RUNOFF MANAGEMENT GRANTS**

WHEREAS, The Town of Dunn is interested in acquiring a Grant from the Wisconsin Department of Natural Resources for the purpose of implementing measures to control agricultural or urban stormwater runoff pollution sources (as described in the application and pursuant to ss. 281.65 or 281.66, Wis. Stats., and chs. NR 151, 153 and 155); and

WHEREAS, a cost-sharing grant is required to carry out the project:

THEREFORE, BE IT RESOLVED, that the Town of Dunn

HEREBY AUTHORIZES **Erica Schmitz, Land Use Manager**, to act on behalf of the Town of Dunn to:

- Submit and sign an application to the State of Wisconsin Department of Natural Resources for any financial aid that may be available;
- Sign a grant agreement between the local government (applicant) and the Department of Natural Resources;
- Submit reimbursement claims along with necessary supporting documentation;
- Submit signed documents; and
- Take necessary action to undertake, direct and complete the approved project.

BE IT FURTHER RESOLVED that the Town of Dunn shall comply with all state and federal laws, regulations and permit requirements pertaining to implementation of this project and to fulfillment of the grant document provisions.

Adopted this 13th day of April, 2015.

I hereby certify that the foregoing resolution was duly adopted by the Town of Dunn at a legal meeting on 13th day of April, 2015.

Authorized Signature: 
Edmond P. Minihan

Title: Town Chairman
Chairman, Town of Dunn

IMPORTANT NOTE: *The DNR expects the individual authorized by this resolution to become familiar with the applicable grant program's procedures for the purpose of taking the necessary actions to undertake, direct, and complete the approved project. This includes acting as the primary contact for the project, submitting required materials for a complete grant application, carrying out the acquisition or development project (e.g., obtaining required permits, noticing, bidding, following acquisition guidelines, etc.), and closing the grant project (e.g., submitting grant reimbursement forms and documentation, and organization of project files for future monitoring of compliance with grant program.*

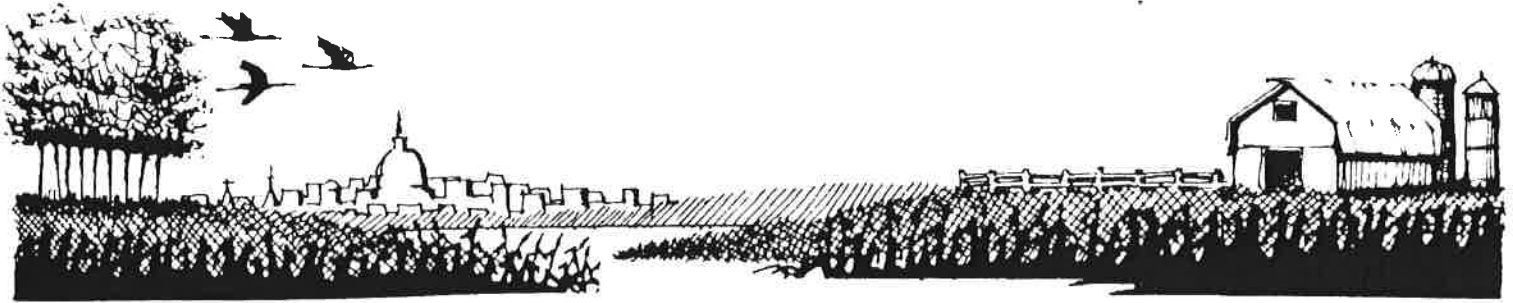
Attachment G - Grant Scoring

Attachment G-GRANT APPLICATION SCORING

Project Name: Dunn-TMDL Stormwater Planning
 Government Unit Applying Town of Dunn

Question	Anticipated Score	Maximum Score
Part II Competitive Elements		
Question 1 (Project Activities and Extent of Pollutant Control)		35
A. Ordinance Preparation		
A.1. Erosion Control	2	5
A.2. Stormwater	2	5
A.3. Low impact	3	3
A.4. Other	1	2
B. Financing Mechanisms		
B.1.	0	7
B.2.	2	2
C. Stormwater Plan for Developed Urban Areas		
C.1.	2	6
C.2.	0	3
D. Stormwater Plan for New Development		
D.1 .	2	4
D.2.	0	2
E. Comprehensive Stormwater Information & Education (I&E) Program	0	10
F. Inter-municipal and Watershed-based Cooperation (Bonus)	0	3
Question 1 Total	14	35
Question 2 (Fiscal Accountability)		
A. Timeline and Source of Staff	10	10
B. Adequate Financial Budget		
B.1. Financial Budget Table	10	10
B.2. Use of Additional Funding	0	10
B.3. Quality of Cost Estimates and Source of Local Share	8	10
Question 2 Total	28	40
Question 3 (Project Evaluation Strategy)		
Part A	4	4
Part B	6	6
Question 3 Total	10	10
Question 4 (Water Quality Needs)		
A	30	30
B	0	30
C	0	20
D	0	10
E	0	30
F	0	20
G	0	10
Question 4 Total	30	30
Public Drinking Water Supply Bonus	0	7
Question 5 (Evidence of Local Support)		
A.1	8	8
A.2	0	6
B.1	6	6
B.2	0	3
Question 5 Total	14	14
Question 6 (Plans and Regulations)		
A	4	4
B.1.	4	4
B.2.	4	4
Question 6 Total	12	12
Question 7 (City of Racine Storm Water) Total	0	1
Subtotal	108	149
Eligibility for Multiplier	Yes	Yes
Multiplier	1.1	1.1
Total Score After Multiplier	118.8	163.9

Attachment H - 2015 Approved Budget



TOWN OF DUNN - 4156 COUNTY ROAD B, McFARLAND, WI 53558

Website: <http://town.dunn.wi.us>

E-mail: townhall@town.dunn.wi.us

Phone: (608) 838-1081

FAX: (608) 838-1085

April 14, 2015

RE: Budget allocation for stormwater modeling and plan update

To whom it may concern,

This letter serves to further explain the allocation for stormwater planning in the adopted 2015 budget. A copy of both the 2015 budget detail and the resolution adopting the 2015 budget are attached.

Our Stormwater budget is a component of our Planning expenses budget. Each year, we budget a sufficient sum to cover our stormwater activities for the year. In 2015, we anticipated incurring cost to update our stormwater modeling and in turn our stormwater plan in order to assess TMDL compliance options and due our participation in the Yahara WINS adaptive management project, and their request for updated modeling as we move toward a full scale adaptive management from the current pilot project.

The cost of this updated modeling is represented by the variance between the adopted 2014 and 2015 budgets. The additional approximately \$3,264.00 is the amount added to the budget for 2015 to cover the cost of updates to our stormwater modeling, as noted in the comments column in the budget, and was based on an estimate from a stormwater engineer that we have hired as a consultant in the past. We have a planner on staff, and that person's anticipated staff time spent updating the stormwater plan is accounted for in the wages category of the planning budget. Additional expenses for updating the stormwater plan are budgeted for in the planning expenses category.

Please feel free to contact me if you have any questions about the stormwater planning components of our budget.

Sincerely,

Cathy Hasslinger

Town of Dunn Clerk Treasurer/Business Manager

RESOLUTION 2014-12
TO ADOPT THE 2015 BUDGET

WHEREAS the Town of Dunn budget hearing for the 2015 budget was held on November 18, 2014, and

WHEREAS the Tax levy to support the attached budget was approved at the Special Town Meeting on November 18, 2014 was approved by the town electors;

BE IT RESOLVED That the Town Board of the Town of Dunn does hereby adopt the attached 2015 budget.

Dated this 15th day of December 2014.



Edmond P. Minihan, Chairman

Attested:



Cathy Hasslinger, Clerk Treasurer

						68,484
						26106.27
						94,590
		YTD	2014	ADOPTED	Variance	
		as of	Approved	BUDGET	from 2014	
		12/12/2014	Budget	2015	2015	Comments
Tax Revenue						
100-00-41110	General Property Taxes	1,158,158	1,158,158	1,191,684	33,526	
100-00-41120	Omitted Taxes/Special Charges	0	0	0	0	
100-00-41140	Taxes - Mobile Home	30,135	18,236	20,130	1,894	
100-00-41150	Taxes - Forest	26	28	28	0	
100-00-41800	Interest/Penalty Delinquent Taxes	2,648	1,000	1,575	575	
100-00-41900	Ag Use Conversion/Chargebacks	0	1,000	760	(240)	1520 @ 50%
	Total Taxes	1,190,968	1,178,422	1,214,177	35,755	
Intergovernmental Revenue						
100-00-43300	Fed. Aid in lieu of tx	79	22	79	57	
100-00-43310	FEMA	0	0	0	0	
100-00-43410	Shared Taxes - State	76,226	76,123	76,123	0	
100-00-43420	Fire Dept. Dues	19,102	16,300	18,000	1,700	
100-00-43430	Other State Revenue	911	925	911	(14)	
100-00-43531	Road Aids - State	135,488	135,488	140,928	5,440	Est from DOT, finalized in Dec
100-00-43533	State grants/RTA	0	0	37,983	37,983	Grant recreational trails
100-00-43545	Recycling Grant	34,874	21,760	31,890	10,130	
100-00-43610	State Payment-mun svcs	2,691	4,470	2,691	(1,779)	
100-00-43620	State Aid in lieu of tx	9,178	8,964	9,210	246	
100-00-43690	Tree gr./Storm water permit gr/Ready	0	25,000	25,000	0	
100-00-43710	County Aid - Bridges/Parc	0	17,000	32,225	15,225	
	Total Intergovernmental	278,549	306,052	375,040	68,988	
License & Permit Revenue						
100-00-44110	License - liquor	5,695	5,765	5,695	(70)	
100-00-44120	License - Operator	1,175	1,250	1,250	0	
100-00-44130	License - Cable TV fran	31,399	28,200	30,400	2,200	
100-00-44140	License - Cigarette	400	400	400	0	
100-00-44150	License - Coin machine	270	270	270	0	
100-00-44160	License - Mobile Hm	199	75	100	25	
100-00-44170	License - Mobile Hm Park	600	600	600	0	
100-00-44180	Outdoor Furnace license	210	210	210	0	
100-00-44200	License - Dog	832	3,100	3,100	0	
100-00-44300	Permits - Building	19,208	22,100	22,200	100	
100-00-44400	Permits - Driveway	550	650	500	(150)	
100-00-44910	Permits - Land Div. Fee	1,750	1,000	1,200	200	
100-00-44920	Permits-Blasting	1,500	1,500	1,500	0	
	Total Licenses & Permits	63,788	65,120	67,425	2,305	
Fines & Penalty Revenue						
100-00-45100	Court Penalties & Costs	17,790	17,500	21,900	4,400	
100-00-45110	Dog Lic. Late Penalty	95	100	100	0	
	Total Fines	17,885	17,600	22,000	4,400	
Public Charges Revenue						
100-00-46100	Public Chrgs - Misc.inc.	0	50	50	0	
100-00-46110	Public Chrgs - RE Verify	1,180	1,600	1,600	0	
100-00-46420	Curbside garbage charges	222,870	222,596	223,493	897	
100-00-46431	Solid Waste Disposal Chg	176	1,100	850	(250)	
100-00-46435	Recycling charges	62,784	62,784	66,367	3,584	
	Total Public Charges	287,010	288,130	292,361	4,231	
Miscellaneous Revenue						
100-00-48110	Interest - General Fund	2,523	3,200	2,800	(400)	
100-00-48200	Rent - Town Hall	0	100	100	0	
100-00-48303	Sale/Rental - Highway Equipment	35,036	2,735	5,400	2,665	
100-00-48307	Sale - Recycling goods	501	600	600	0	
100-00-48309	Sales -other Equip. & Property	7,200				
100-00-48400	Insurance Recoveries	1,617	0	0	0	
100-00-48500	Donations	0	0	0	0	
100-00-48600	Refund Prior Year Expenses	9,580	1,000	1,000	0	
100-00-48900	Misc. Inc.	1,039	100	100	0	
	Total Miscellaneous	57,496	7,735	10,000	2,265	
TOTAL REVENUES GENERAL FUND		1,895,696	1,863,059	1,981,002	117,943	

						68,484
						26106.27
						94,590
		YTD	2014	ADOPTED	Variance	
		as of	Approved	BUDGET	from 2014	
		12/12/2014	Budget	2015	2015	Comments
General Expenditures						
100-00-51100-110	Town Board Salaries	15,863	15,690	16,300	610	Town Board Expenses
100-00-51100-150	Town Board Payroll Tax/Benefits	1,214	1,200	1,247	47	Mileage
100-00-51100-330	Town Board Expenses	4,364	4,550	2,350	(2,200)	Seminars
100-00-51200-110	Judicial Salary	2,900	2,875	3,163	288	Cell Phone
100-00-51200-150	Judicial Payroll Taxes/Benefits	222	220	242	22	Dane Cty Assn
100-00-51200-330	Judicial Expenses	1,063	1,000	1,150	150	WTA Dues
100-00-51210-120	Court Clerk Wages	8,491	9,070	9,306	236	1,000 Friends and subs
100-00-51210-150	Court Clerk Payroll Taxes/Benefits	4,499	5,263	4,896	(367)	
100-00-51300-210	Attorney Fees	2,174	9,000	12,500	3,500	TOTAL
100-00-51400-110	Clerk/Treas. Salary	46,248	49,479	50,963	1,484	Difference
100-00-51400-150	Clerk/Treas Payroll Taxes/Benefits	18,396	23,085	20,683	(2,403)	
100-00-51400-310	Office Supplies & Exp.	7,623	11,300	10,900	(400)	Office Supplies & Exp.
100-00-51400-320	Dues & Publications-General	253	516	490	(26)	Office Supplies
100-00-51400-330	Office Mileage/Exp.	1,009	1,900	1,990	90	Postage
100-00-51400-331	Office Educ. & Training	674	2,400	2,300	(100)	Bank Charges
100-00-51400-342	Legal Publications	618	2,000	1,500	(500)	Copier Charges
100-00-51400-343	Newsletter	1,147	1,495	1,195	(300)	Printing
100-00-51400-390	Misc and Contingency Exp	445	20,000	20,000	0	Equipment Repairs
100-00-51400-510	Property & Wrks Comp.	26,146	25,600	27,146	1,546	Tech Support
100-00-51410-120	Administrative - Wages	82,201	87,723	92,190	4,468	Workhorse Support/iCompas
100-00-51410-150	Administrative Payroll Taxes/Benefits	34,281	37,026	46,376	9,350	Virus, Upgrades, Back Up & Spam, Misc
100-00-51440-120	Election Workers	2,693	2,810	1,850	(960)	
100-00-51440-150	Election Payroll Taxes	206	0	142		TOTAL
100-00-51440-390	Election Expense	958	1,200	1,850	650	Difference
100-00-51500-210	Independent Accounting	10,575	10,658	10,920	263	Election Expense
100-00-51510-210	Assessor Contract	8,296	11,710	14,410	2,700	Maint on machines
100-00-51510-330	Assessor Expenses	0	600	600	0	Paper goods,pop,etc
100-00-51600-330	Town Hall Expenses	21,612	16,879	17,650	771	New bin
100-00-51600-810	Office Equipment	10,809	10,600	7,700	(2,900)	Postage
100-00-51938-510	Other Insurance	100	400	400	0	Supplies paper, ink, etc
	Total General Office Expenses	315,080	366,249	382,409	16,160	TOTAL
						Difference
Public Safety						
100-00-52100-210	Public Safety Contract	56,998	73,065	75,500	2,435	Office Equipment
100-00-52110-120	Public Safety wages	23,351	24,943	25,591	648	Copier Lease
100-00-52110-150	Public Safety Payroll Taxes/Benefits	12,373	14,474	13,465	(1,009)	Tech Upgrades
100-00-52200-210	Fire Protection - McF	104,334	104,333	105,376	1,043	Back Up
100-00-52210-210	EMS-Fire Oregon Jr. Dst	92,157	91,427	83,946	(7,481)	Replace Computers
100-00-52220-210	Fire and EMS- Stoughton	106,692	106,692	103,119	(3,573)	TOTAL
100-00-52230-210	EMS - McFarland	50,027	50,027	50,527	500	Difference
100-00-52400-120	Bldg. Inspector wages	14,945	17,675	17,875	200	180027
100-00-52400-150	Bldg. Inspector Payroll Taxes/Benefits	1,143	1,352	1,381	29	
100-00-52400-330	Building Insp. Expenses	1,040	1,500	1,500	0	
100-00-52500-210	Storm Shelter Expenses	1,913	1,750	1,850	100	
100-00-52900-000	Other Public Safety	3,328	6,276	6,276	0	Building Insp. Expenses
	Total Public Safety Expenses	468,301	493,514	486,406	-7,108	Mileage
						Supplies (Seals & Cards)
						TOTAL
						Difference
Public Works						
100-00-53111-120	Public Works Wages	164,481	173,714	183,384	9,669	
100-00-53311-150	Public Works Payroll Taxes/Benefits	75,587	88,767	82,946	(5,822)	
100-00-53311-210	Engineering	0	2,000	2,000	0	
100-00-53311-331	Education & Training PW	260	200	200	0	Garage Expenses
100-00-53312-330	Garage Expenses	10,449	10,500	12,500	2,000	Heat/lights/phone
100-00-53312-391	Tools & Equipment	94	1,800	1,800	0	Drug Testing
100-00-53312-340	Gas & Oil	30,024	27,096	27,200	105	Bottled Water
100-00-53313-341	Equipment Repair & Mntce	26,767	25,000	30,000	5,000	Tissue/Hand Paper
100-00-53314-350	Street Repairs & Mntce	61,005	113,100	107,100	(6,000)	Fire Extinguisher Testing
100-00-53314-351	Snow and Ice Control	31,254	25,000	30,000	5,000	Septic/drain pump
100-00-53314-352	Bridges & Culverts	11,323	32,200	15,000	(17,200)	Cell Phones
100-00-53314-360	Highway Signs	2,560	4,000	4,000	0	Steel cost
100-00-53314-361	Tree & Brush Control	686	3,000	3,000	0	Excavator use per hour costs
100-00-53420-362	Street Lighting	10,396	12,100	12,100	0	TOTAL
100-00-53620-330	Curbside Garbage	185,932	222,596	223,493	897	Difference
100-00-53631-120	Transfer Site wages	11,406	11,871	17,893	6,022	
100-00-53631-150	Transfer Site Payroll Taxes/Benefits	3,216	3,955	6,858	2,903	Reallocation and 3% wage increase
100-00-53631-330	Transfer Site Expenses	844	1,000	1,000	0	
100-00-53632-330	Solid Waste Disposal	0	3,000	3,000	0	Transfer Site Expenses
100-00-53635-330	Recycling Expenses (Curbside)	67,807	62,784	66,367	3,584	Heat/Lights
100-00-53635-343	Newsletter Recycle Insert	586	750	750	0	WI DNR permit
	Total Public Work Expenses	694,677	824,433	830,591	6,158	Fire Extinguisher
						Misc
						TOTAL
						Difference
Civic Donations						
100-00-54600-790	Senior Citizens - McF	14,300	14,300	14,300	0	
100-00-54600-791	Senior Citizens - Ore	15,000	15,000	15,300	300	
100-00-54600-792	Senior Citizens - Sto	14,700	14,700	14,994	294	
100-00-54600-793	Other Civic Donations	6,000	6,000	7,000	1,000	Youth Oregon 2k McF 4K
	Total Civic Donations	50,000	50,000	51,594	1,594	

						68,484
		YTD	2014	ADOPTED	Variance	26106.27
		as of	Approved	BUDGET	from 2014	94,590
		12/12/2014	Budget	2015	2015	Comments
						Parks Expenses
Parks						Arbor Day
100-00-55200-330	Parks Expenses	2,641	2,900	19,329	16,429	Matching Funds
100-00-55200-340	Gas & Oil - Parks	2,000	2,000	2,000	0	Dunn heritage
100-00-55210-120	Parks Admin. Wages	2,181	2,268	2,326	59	Lawn Mower Repairs & Dunn Heritage
100-00-55210-150	Parks Admin. Payroll Taxes/Benefits	1,125	1,316	1,224	(92)	
100-00-55220-120	Prks/Bldg/Grnds-Wages	16,506	18,314	14,461	(3,853)	TOTAL
100-00-55220-150	Prks/Bldg/Grnds Payroll Taxes/Benefit	7,273	8,751	4,773	(3,978)	Difference
	Total Park Expenses	31,726	35,549	44,114	8,565	
Planning						
100-00-56900-120	Plan Comm. Admin. Wages	21,878	22,962	25,394	2,431	Reallocation of hours plus increase for LU Mgr
100-00-56900-150	Plan Comm. Admin. Payroll Taxes/Ber	6,562	8,285	7,856	(428)	
100-00-56900-330	Planning Exp	849	5,000	4,608	(392)	
100-00-56910-330	Storm water & Forestry, contamination	5,864	5,836	9,100	3,264	Storm water modeling
	Total Planning Expenses	35,153	42,083	46,958	4,875	162,681
Transfers	Transfer to reserve Debt Service	0	0	0	0	
Transfers	Transfer to Highway/Equip Fund	38,481	37,000	124,200	87,200	Hwy transfer to avoid borrowing
Transfers	Transfer to reserve park fund	0	0	2000	2,000	
Transfers	Designate reserve long-term payable	16,500	16,500	17,500	1,000	Accrued time off reserve
BEGINNING FUND BALANCE						362,112
REVENUES						1,895,696
EXPENDITURES						1,594,938
TRANSFERS						54,981
ENDING FUND BALANCE						607,890
						496,620
						1,863,059
						1,981,002
						117,943
						29,754
						89,200
						0.010857342
						0.287363709

						68,484
						26106.27
						94,590
		YTD as of 12/12/2014	2014 Approved Budget	ADOPTED BUDGET 2015	Variance from 2014 2015	Comments
Other Major Funds - Proposed 2014 Budget						
Rural Preservation Fund (PDR)						
REVENUES						
200-00-41110	PDR Fund Taxes	325,059	325,059	332,167	7,108	
200-00-43300	Grant Revenue	0	500,000	250,000	-250,000	
200-00-48110	Interest Income	634	600	600	0	
200-00-48500	Donations	0	100	100	0	
	TOTAL PDR Revenues	325,693	825,759	582,867	-242,892	
EXPENSES						
200-00-56900-120	PDR Wages	31,258	32,989	35,922	2,933	
200-00-56900-150	PDR Payroll Taxes/Fringes	9,299	11,781	10,805	-976	
200-00-56900-290	PDR Easements Purchases	0	1,000,000	500,000	-500,000	
200-00-56900-291	PDR Easements Endowment	0	32,000	32,000	0	
200-00-56900-330	PDR Expenses	5,199	16,200	16,200	0	
200-00-59100-700	Transfer to Debt Service	226,000	226,000	234,078	8,078	
	Total PDR Expense	271,755	1,318,970	829,004	-489,965	
	BEGINNING FUND BALANCE	1,513,230	1,412,816	1,564,427	151,611	
	REVENUES	325,693	825,759	582,867	(242,892)	
	EXPENDITURES and TRANSFERS	271,755	1,318,970	829,004	(489,965)	
	ENDING FUND BALANCE	1,567,167	919,606	1,318,290	398,684	
Burying Ground Fund						
Burying Ground Revenue						
210-00-46541	Marking Open/Close Graves	500	0	0	0	
210-00-46552	Lot Sales	14,850	6,500	8,000	1,500	
210-00-48100	Interest Earned	34	100	100	0	
210-00-48500	Donations	0	0	0	0	
	TOTAL-Cemetery Revenues	15,384	6,600	8,100	1,500	
Burying Ground Expenses						
210-00-54910-120	Burying Ground Wages	2,640	2,658	2,800	142	
210-00-54910-150	Burying Ground Payroll Taxes/Fringes	1,211	1,400	1,292	(108)	
210-00-54910-330	Burying Ground Expenses	1,898	2,000	2,150	150	
	TOTAL-Cemetery Expenses	5,748	6,058	6,242	184	
	BEGINNING FUND BALANCE	38,842	39,670	48,278	8,608	
	REVENUES	15,384	6,600	8,100	1,500	
	EXPENDITURES and TRANSFERS	5,748	6,058	6,242	184	
	ENDING FUND BALANCE	48,478	40,212	50,136	9,924	
Debt Service Fund						
300-00-41110	Taxes-Debt Service Fund	206,977	206,977	226,584	19,607	
300-00-48100	Fire EMS Municipal payments	0	34,270	34,270	0	This is revenue we apply to debt service
300-00-49200	Transfer from PDR & general funds	226,000	226,000	234,078	8,078	
300-00-49100	Long-Term Debt	0	0	0	0	
	Transfer from general fun	0	0	0	0	
	TOTAL-Debt Svc Revenues	432,977	467,247	494,932	27,686	
Debt Service Expenditures						
300-00-58100-100	Loan for OAFED	0	0	0	0	
300-00-58100-610	DS Principal Expense	348,180	379,378	419,248	39,870	
300-00-58100-620	DS Interest Expense	84,362	87,870	75,685	(12,185)	
	Total DS Expenses	432,542	467,247	494,932	27,685	
	BEGINNING FUND BALANCE	0	0	435	436	
	REVENUES	432,977	467,247	494,932	27,686	
	EXPENDITURES and TRANSFERS	432,542	467,247	494,932	27,685	
	ENDING FUND BALANCE	435	0	435	436	
Capital Outlay Funds						
440-00-43320	Grant Income State TRIP LRIP	0	0	0	0	
440-00-49100	Loan Proceeds - Road Const	0	103,735	1,040,000	936,265	
460-00-49100	Loan Proceeds - Hwy Equip	0	0	0	0	1642000
440, 460, 480,490	Transfers from reserve	0	178,450	10,000	(168,450)	
	Total Capital Projects Revenues	0	282,185	1,050,000	767,815	
Capital Expenditures						
440-00-57330-330	Hwy Reconstruction Exp	297,922	250,000	700,000	450,000	
440-00-57330-331	Hwy Dyreson Bridge Exp	1,461	0	200,000	200,000	2015 Road Construction
460-00-57340-330	Hwy Equipment Expenses	51,298	32,185	150,000	117,815	Overlay: Bible Camp, Willow Crescent
470-00-57340-330	Drainage	0	0	0	0	Camp Leonard, Ridge, High
480-00-57340-390	Emergency Shelter Exp	0	0	0	0	Mill & reconstruct: part of Tower, 1/2 mile
	Transfer between Funds	0	0	0	0	(Tower could wait a year)
	Total Capital Projects Expenditures	350,681	282,185	1,050,000	767,815	Dyreson Bridge
						New truck tandem plow truck (after trade)
						(purchase could wait a year)
	BEGINNING FUND BALANCE	363,524	363,524	363,524	0	
	REVENUES	0	282,185	1,050,000	767,815	TOTAL
	EXPENDITURES and TRANSFERS	350,681	282,185	1,050,000	767,815	Difference
	ENDING FUND BALANCE	12,843	363,524	363,524	0	

Attachment I - Letters of Support



Dane County Land & Water Resources Department

Lakes & Watersheds • Land Acquisition • Land Conservation • Parks

Kevin F. Connors, Director

April 6, 2015

Erica Schmitz
Land Use Manager | Deputy Clerk Treasurer
Town of Dunn
4156 County Road B
McFarland, WI 53558

Dear Erica:

The Dane County Land and Water Resources Department wholeheartedly supports the UNPS Grant Application from the Town of Dunn which will aid in updating stormwater data for TMDL compliance.

As a Yahara Watershed Improvement Network (WINs) partner, updating your stormwater plan and modelling will assist this partnership while providing the Town the needed information for TMDL compliance by 2018. Additionally, the Town supports the Madison Metropolitan Sewerage District (MMSD) Watershed Adaptive Management Plan Pilot Project that seeks to achieve TMDL compliance through a cost-effective combination of urban and rural Best Management Practices (BMPs). Yahara WINs is currently seeking updated stormwater quality modeling from MS4 communities to build a business case for expanding the pilot project into a full-scale project in 2017. Updated stormwater quality modeling as part of the TMDL Compliance plan would satisfy this request.

In closing, I wish you the best of luck with your proposed project. If I can be of further assistance, please feel free to call me at 224-3731.

Regards

Kevin Connors-Director
Dane County Land and Water Resources Department



**3130 Shadyside Drive
Stoughton, WI 53589**

April 13, 2015

Erica Schmitz
Land Use Manager | Deputy Clerk Treasurer
Town of Dunn
4156 County Road B
McFarland, WI 53558

Dear Erica,

Friends of Lake Kegonsa Society (FOLKS) would like to go on record in support of your effort to secure financial assistance through the DNR's Urban Non-Point Source grant program. We understand that this will help in our joint goal of keeping nutrients and runoff out of the lakes by allowing you to complete updated modeling work and update your stormwater plan and ordinances.

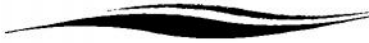
FOLKS was established in 1987 as a non-profit organization whose purpose is to protect, maintain and enhance the environmental and recreational values of Lake Kegonsa and its surroundings. We focus our resources primarily on water quality issues. We represent the collective interest of our over 350 riparian members.

Sincerely,

A handwritten signature in blue ink, appearing to read "Peter Foy", is written over the word "Sincerely,".

Peter Foy
President, Friends of Lake Kegonsa Society (FOLKS)

Madison Metropolitan Sewerage District



1610 Moorland Road • Madison, WI 53713-3398 • Telephone (608) 222-1201 • Fax (608) 222-2703 • madsewer.org

April 6, 2015

Erica Schmitz-Land Use Manager/Deputy Clerk Treasurer
Town of Dunn
4156 County Road B
McFarland, WI 53558

Dear Ms. Schmitz:

It is our understanding that the Town of Dunn is submitting a grant application under the Urban Nonpoint Source & Storm Water Planning Grant Program. The grant would be used to update its City's existing Stormwater Quality Management Plan to assist in meeting the Rock River Basin Total Maximum Daily Load (TMDL) requirements.

Activities conducted as part of the update include:

- Stormwater Quality Modeling, Alternatives Analysis, and Implementation Plan Development
- Stormwater Program Updates
- Concept Level Stormwater Utility Feasibility Study
- TMDL Compliance Plan

The Town of Dunn is an important partner in the Yahara WINS adaptive management pilot project that the Madison Metropolitan Sewerage District is leading. The goal of Yahara WINs is to meet the phosphorus and TSS load reductions for the Yahara watershed that were identified in the Rock River TMDL. The Madison Metropolitan Sewerage District supports efforts to improve water quality throughout the Yahara River Basin. Therefore, we support the Town of Dunn Urban Nonpoint Source & Storm Water Planning Grant Application.

Sincerely,

Michael Mucha, P.E.
Chief Engineer and Director



Our Mission:

"To educate and provide opportunities for people of diverse interests to work together to improve the environmental, recreational, cultural, and economic resources of the Rock River Basin"

April 7, 2015

Dear Town of Dunn,

The Rock River Coalition fully supports the Town of Dunn's efforts to secure funding through the Wisconsin Department of Natural Resources' Urban Nonpoint Source and Storm Water Management Grant. It's our understanding that acquiring these funds will improve the Town of Dunn's current storm water management program and assist with its future needs.

The Rock River Coalition is a non-profit organization founded in 1994 to foster environmental collaboration and education of diverse groups – business, municipal, agricultural, and professional – in the Rock River Basin. Water quality of the Rock River and its tributaries is a major focus of the Coalition's mission, and we strongly support all efforts to meet phosphorus and TSS reductions goals outlined in the Rock River TMDL study.

The Town of Dunn's plan and proposed scope of services shows their willingness and commitment to improve water quality and preserve our natural resources. The Rock River Coalition supports these actions and is pleased to see the Town of Dunn pursuing them.

Sincerely,
Rock River Coalition

A handwritten signature in blue ink that reads "Patricia Cicero".

Patricia Cicero, President

*Lake Waubesa
Conservation
Association, Inc*

April 13, 2015

Erica Schmitz
Land Use Manager | Deputy Clerk Treasurer
Town of Dunn
4156 County Road B
McFarland, WI 53558

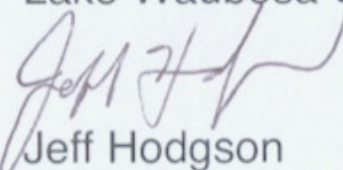
Dear Erica,

The Lake Waubesa Conservation Association supports the Town of Dunn's application to secure a grant through the Dept. of Natural Resources Urban Non-Point Source and Storm Water Management Planning Grant Program.

We applaud the Town of Dunn in joining the Yahara WINs project to help keep nutrients and runoff out of the lakes to keep them clean, as well as meeting the TMDL phosphorus reduction requirements. The funds from this grant will help keep the Town's investment proportional to its stormwater inputs, allow for an engineer to complete updated modeling work and to update the stormwater plan and ordinances.

Since the defeat of the Libby Landfill in 1994, the LWCA has continually supported the Town of Dunn's efforts to help keep our lakes clean. We also appreciate the efforts of the DNR and encourage them to award this grant to the Town of Dunn.

Sincerely,
Lake Waubesa Conservation Association



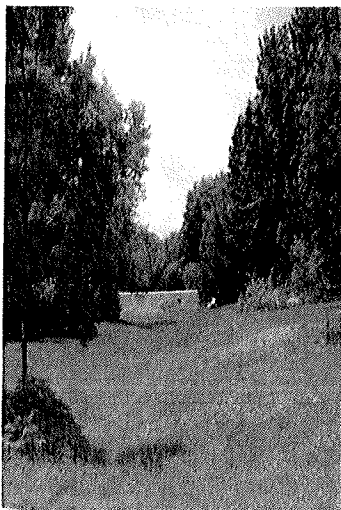
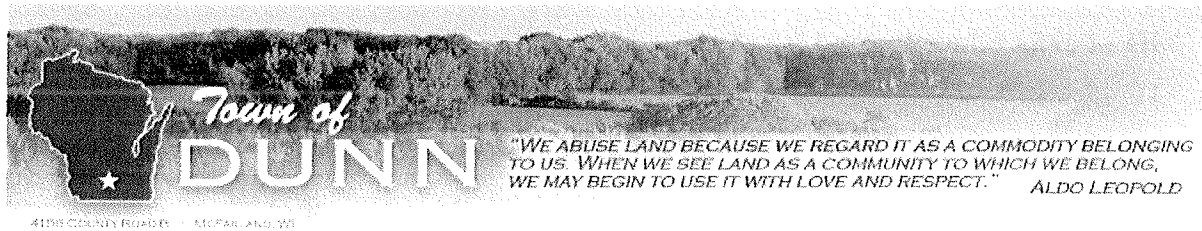
Jeff Hodgson
LWCA Board

www.waubesa.org

Attachment J - Town of Dunn Storm Water Management Plan

Town of Dunn

STORM WATER QUALITY MANAGEMENT PLAN



Date: March 30, 2010

Nahn and Associates L.L.C.

Engineering for a Rainy Day



5623 Sandhill Drive
Middleton, WI 53562
608-831-2334

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Appendix F- Town Winter Road De-Icing Information.....

Appendix G- Grassed Swale Technical Standard Guidance

Appendix H- WinSLAMM Modeling Guidance

I.Executive Summary

The Town of Dunn (Town) is located in south central Dane County, 1/2 mile south of the City of Madison including the majority of the lake frontage for Lakes Waubesa and Kegonsa (Lakes). Stormwater runoff pollutants can cause problems in receiving waters including algal blooms, fish kills, fish reproduction issues, loss of benthic habitat, lack of water clarity and loss of recreational use (fishing, swimming, boating). The purpose of this report is to describe existing and proposed practices to control stormwater runoff and mitigate the detrimental impact of stormwater runoff pollution.

Major portions of the plan include:

- An inventory of all of the major and minor outfalls (point of concentrated discharge) into the Lakes,
- Public education efforts to inform the public about stormwater pollution and modification of their day-to-day activities that may cause stormwater pollution,
- Screening for illicit discharge connections into the storm water conveyance system,
- Updating and adopting ordinances to control stormwater pollution.

The existing Town Best Management Practices (BMP) controlling stormwater runoff pollution include:

- Annual maintenance of grassed swales along all roadways,
- Purchase of Development Rights (PDR) program,
- Detention basins at Colladay Point, County Highway B, Dunn Heritage Park,
- Rain gardens at Barber Drive Condominiums, Willow Court, Camp Leonard Road and
- Agricultural Enterprise Area.

The proposed Town practices to increase control of stormwater runoff pollution include:

- County Highway B/AB Swale Prairie Restoration,
- Assist in updating Agricultural Fields Inventory (Total Phosphorus, Working Land Initiative checklist and Snap-Plus modeling),
- Erosion control protection for materials storage piles at Town Transfer Site and Town Garage,
- Placing rock check dams in selected steep grassed swales, and
- Remove sediment from Dunn Heritage Park Ponds.

A stormwater pollution model generated for the 642.6 acre Urbanized Area of the Town documented a 51.9% reduction in Total Suspended Solids and 34.7 % reduction in Total Phosphorus average annual loading from the grassed swales alone when compared to no controls.

II. Introduction and Background

The Town of Dunn (Town) is located in south central Dane County, 1/2 mile south of the City of Madison, directly south of the village of McFarland and directly east of the City of Fitchburg and the Village of Oregon as shown in Figure 1. The Town area is 34.1 square miles including the majority of the lake frontage for Lakes Waubesa and Kegonsa (Lakes).

The Town land use has over 70% of the total land area classified as crop and pasture (1990) with small pockets of residential and commercial land use. Preserving agricultural lands, farm operations and open spaces in the Town is a major objective of the future land use zoning plan. The residential land use is primarily rural residential subdivisions along or close to the Lakes. The 2000 Census population for the Town is 5,270 people and the population is projected to remain stable at approximately 5,300 people for the next twenty years.

Stormwater runoff refers to precipitation that does not infiltrate into the ground or evaporate but instead flows overland through stormwater conveyance systems into adjoining lakes, rivers and streams. In the Town, these stormwater conveyance systems are all grassed swales- which refer to the grass-lined ditches on one or both sides of most roadways.

Stormwater runoff contains a number of surface water pollutants including suspended solids, nutrients (Nitrogen and Phosphorus), oil and grease, heavy metals (zinc, lead and copper), Chemical Oxygen Demand (COD) and others. Stormwater runoff pollutants can cause problems in receiving waters including algal blooms, fish kills, fish reproduction issues, loss of benthic habitat, lack of water clarity and loss of recreational use (fishing, swimming, boating).

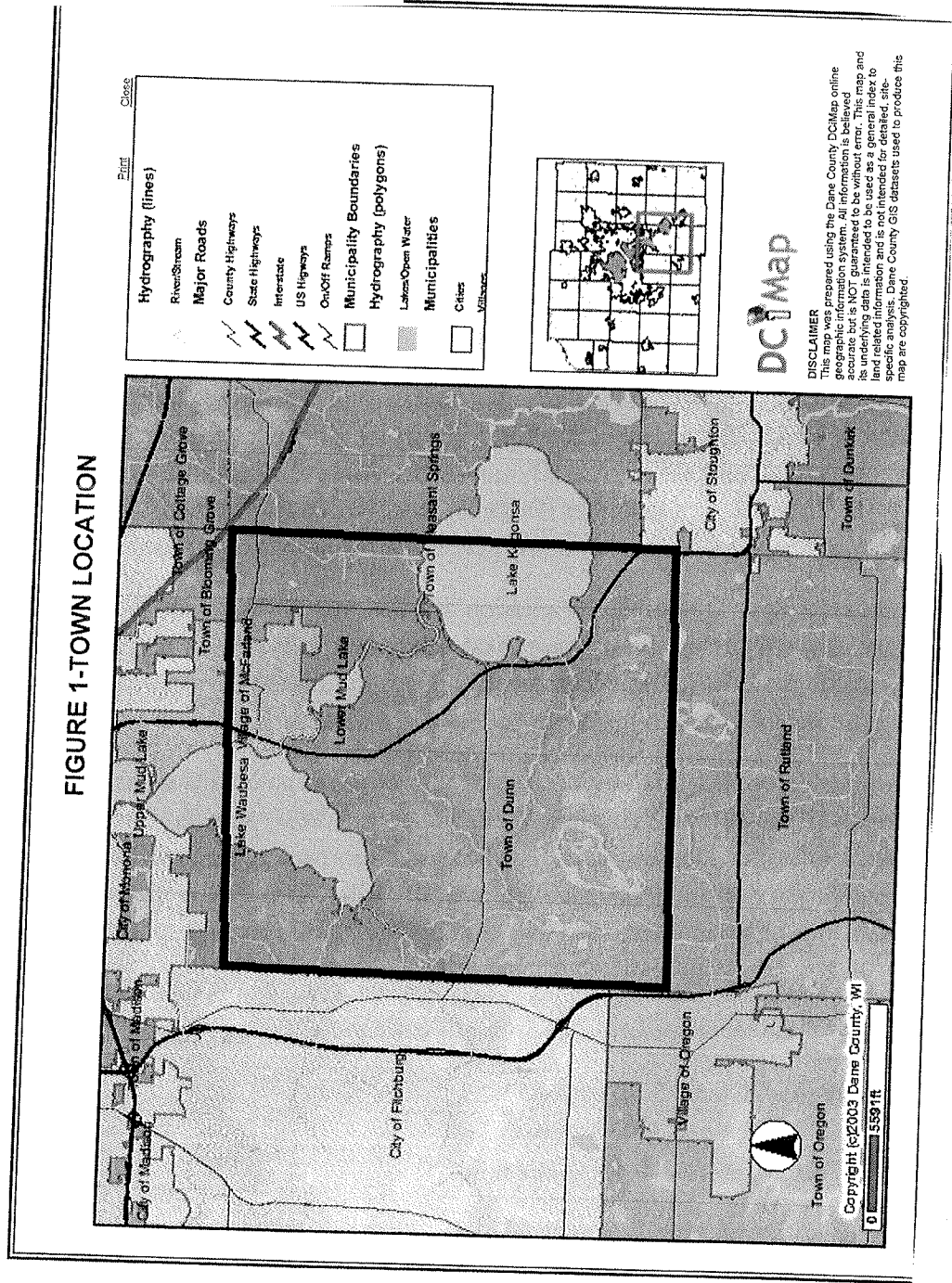
The Town is located in the Badfish Creek, Yahara River and Lake Kegonsa watersheds and the majority of the stormwater runoff drains directly to the Lakes.

- Badfish Creek- 5.39 square miles
- Lake Waubesa- 9.03 square miles
- Lake Kegonsa- 19.68 square miles

Polluted stormwater runoff comes from several major sources within the Town including:

- residential,
- agricultural,
- industrial and commercial (Business Parks, Strip Malls etc) and
- construction sites.

FIGURE 1-TOWN LOCATION



Of these four sources, the residential stormwater runoff pollution source within the Town is minor because:

- Single family residential neighborhoods all have large lot sizes (the Town restricts single family development in new plats to 1 acre in size or greater). These larger lot sizes translate to minimal runoff during most storm events due to the extensive vegetated areas surrounding the paved areas (houses and driveways).
- once undeveloped areas are annexed to the neighboring villages and cities, more dense development is allowed with a corresponding higher pollutant load.
- The small amount of runoff from individual residential sites, during heavy intense storms, drains through a grassed swale stormwater conveyance system. These grassed swales, if configured properly, can remove from 40%-60% of the Total Suspended Solids (Reference #1).

PURPOSE OF PLAN

The purpose of this stormwater management plan is to address the existing and proposed practices affecting the stormwater pollution load from urban areas of the Town including single family residential rural subdivisions, industrial and commercial areas. Other agencies are addressing stormwater runoff pollution from the other three sources (listed above):

- Stormwater runoff pollution from agricultural sites within the Town is addressed by the Land Conservation Division of the Dane County Land and Water Resources Department (LCD) through voluntary implementation of soil conservation and agricultural pollution control measures working with local farmers.
- The LCD is also responsible for review, inspection and maintenance of construction and post-construction erosion control and stormwater facilities for new residential and commercial developments. The WDNR also provides construction and post-construction permit review and approval for sites with over one acre of land disturbance for residential developments and all commercial developments with no land disturbance minimum.

GOAL AND OBJECTIVES OF PLAN

The goal of this stormwater plan (Plan) is to address the broader stormwater pollution problem within the context of the Towns minimal contribution to the overall urban stormwater pollutant load. The following recommendations are listed in the Dane County Water Quality Plan (2004, Page 47) under "URBAN NONPOINT SOURCE CONTROL RECOMMENDATIONS":

U-1: All urbanizing units of government should develop comprehensive stormwater management plans that account for water quality and quantity, that encourage infiltration of stormwater, and that are integrated into the long-term land use and open space plans of the area. Stormwater management plans should attempt to mitigate the adverse impacts of development on water resources to the maximum extent practicable.

U-2: Management agencies should promote land use patterns and practices which preserve the integrity of the natural hydrologic system, including the balance between groundwater and surface water. Require future development to implement infiltration measures, wherever practicable, as a means of controlling stormwater impacts and ensuring groundwater recharge.

U-3: Designated municipalities should implement the state NR 216, NR 151, and federal Phase II stormwater regulations along with the existing Erosion Control and Stormwater Management Ordinance (Chap. 14). Other municipalities should consider developing consistent programs, ordinances, and requirements.

U-5: Prepare specific watershed plans incorporating flow and water quality management practices for all existing and developing urban drainage basins. Where possible, such plans should be prepared in the context of comprehensive watershed water quality plans.

U-6: A coordinated stormwater management plan should be developed for all communities in the municipal NR 216 stormwater permit area.

U-7: Eligible units of government should apply for funding through the DNR Targeted Runoff Management or Urban Nonpoint Pollution grant programs to develop stormwater management plans and install practices that control urban stormwater impacts.

U-8: Management agencies should promote open drainage systems incorporating detention and infiltration areas and natural greenways in developing areas.

U-9: Urban management agencies should work cooperatively with state and local agencies to incorporate stormwater infiltration practices into local erosion control/stormwater management ordinances. Infiltration practices should be designed to protect the groundwater.

U-10: Evaluate and promote potential approaches for enhancing or improving sediment and phosphorus removal in the design, operation, and maintenance of urban drainage systems.

U-12: Design urban drainage systems and associated land use practices to minimize the potential for toxic or hazardous materials being washed or discharged into surface waters, with emphasis on source control.

U-14: Urban management agencies should enact and enforce leaf, yard, and garden debris storage and disposal ordinances in urban areas, including leaf pick-up in the fall, with emphasis on keeping leaves and yard waste off of streets and paved surfaces.

U-15: Urban management agencies should include provisions in building codes and ordinances to require that, wherever feasible, drainage from roofs, driveways, and parking lots be directed toward grassed or vegetated areas, rather than paved areas or storm sewers.

U-16: Conduct aggressive public education and information programs regarding source control, on an annual basis.

U-17: Improve the water quality protection and effectiveness of street sweeping by providing frequent (weekly to biweekly) sweeping of streets in commercial and industrial areas, and regular (biweekly to monthly) sweeping of residential streets, with extra efforts at thoroughly cleaning all streets in early spring and late autumn. Vacuum sweepers should be used where feasible because of greater removal effectiveness.

U-18: Continue to expand efforts to reduce ground and surface water impacts associated with road salt storage and use, and snow removal, including alternative materials and approaches.

The purpose of this plan is to discuss these recommendations as they relate to the Town residents, activities and operations. Specifically items U-1, U-3, U-4, U-5, U-9, U-10, U-12, U-14, U-15 and U-16 described above will be addressed in this plan.

The Town has also developed a Comprehensive Plan with numerous goals and actions. This plan will focus on meeting Goal #2 of the Comprehensive Plan. (*Town of Dunn Comprehensive Plan Goals, Policies, Objectives, Actions, Section 3 Agricultural, Cultural, & Natural Resources Plan, page 3-2 and 3-3*)

Goal 2: Protect the Town's natural resources.

2-2: Respect the capacity and quality of Dunn's wetland, surface and groundwater resources and strive to improve these resources.

Action 2-2a: Work with other organizations and government agencies to identify disturbed or degraded lakeshore and wetland areas that are important to water quality and support efforts to restore and improve such areas.

Action 2-2b: Require strategies to address the potential impacts of development on water quality and quantity in Dunn's streams, rivers, lakes, wetlands and groundwater aquifers. Such strategies could include buffers, setbacks and/or best management practices for erosion control and stormwater management.

Action 2-2c: When possible, promote pervious pavements, bioswales and other techniques to reduce impervious surfaces and stormwater runoff.

Action 2-2d: Work to maintain groundwater levels and quality within the Town by supporting efforts to identify and protect groundwater recharge areas in the Town.

Action 2-2e: Work with the Department of Natural Resources and Dane County to manage lake levels in the Town.

2-3: Prohibit development in areas that possess valuable natural resource characteristics, such as floodplains, wetlands, viewsheds and wildlife habitats.

Action 2-3a: Request rezoning of important wetlands and lands unsuitable for development and appropriate buffer areas for conservation and protection. These include the following areas:

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- Alsmo's Addition Yahara Park Plat
- Fishcamp/DNR area

Action 2-3b: Discourage filling or developing of floodplains and/or wetlands and areas within 100 feet of them for new development.

Action 2-3c: Follow Dane County mineral extraction ordinances and reclamation plans.

Action 2-3d: Require that agencies responsible for the location of public improvements such as highways, pipelines or power lines, recognize and not violate the intent of the Town's goals and policies for protecting natural resources.

On January 19, 2006, a Wisconsin Pollutant Discharge Elimination System (WPDES) stormwater discharge permit was issued from the WDNR regulating stormwater discharge from selected Town urbanized areas (UA) into adjoining rivers, streams and lakes. (Permit #WI-S050075-1-herein after referred to "Permit"). This Permit affects only Town UA as delineated in the 2000 census and shown in Figure 2a-c (See section VI). The permit contains the following major conditions that are also met as objectives of this plan.

- Public Education and Outreach (Section 2.1 of Permit Conditions),
- Public Input and Involvement (Section 2.2 of Permit Conditions),
- Illicit Discharge Detection and Elimination (Section 2.3 of Permit Conditions),
- Pollution Prevention (Section 2.6 of Permit Conditions),
- Stormwater Quantity Management (Section 2.7 of Permit Conditions).

In the following sections of this report, permitted terms and conditions are clearly noted in a separate subsection (“PERMIT”) in *italics* listing the permit requirements and **bold** for the response.

Please note that the following Permit Conditions are met by others or by the Town in separate submittals:

- Construction Site Pollution Control (Section 2.4 of Permit Conditions)-Condition being met by LCD (see above).
- Post-Construction Stormwater Management (Section 2.5 of Permit Conditions)-Condition being met by LCD (see above).
- Stormwater System Map (Section 2.8 of the Permit Conditions)- Previously submitted September, 2008.
- Annual Report (Section 2.9 of the Permit Conditions) –previously submitted March 31 of 2007, 2008 and 2009.