

Letter Of Transmittal

Department of Natural Resources
 Runoff Management Grant Coordinator – WT/3
 101 South Webster Street
 Madison, WI 53703

Date: April 13, 2015
 Subject: UNPS&SW Planning Grant
Village of Sherwood
 McM No. S0017-950202.02

We are sending you the following: Attached, Via: Mail Under Separate Cover Via: _____

- | | | | |
|--|---|---|---------------------------------------|
| <input type="checkbox"/> Report / Study | <input type="checkbox"/> Land Survey Drawings | <input type="checkbox"/> Contract / Agreement | <input type="checkbox"/> Change Order |
| <input type="checkbox"/> Plans / Specifications | <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Calculations | <input type="checkbox"/> Check |
| <input checked="" type="checkbox"/> Other: _____ | | | |

Quantity	Date/No.	Description
1		UNPS&SW Planning Grant Application - Form 8700-299A (R 1/15) w/original signature in blue ink, including all attachments
3		Additional copies of the completed, signed application form
1		Electronic copy of the completed application form in Microsoft Word format only, including all pdf attachments on CD.

These Items Are Transmitted As Checked Below:

- | | | | |
|---|---|--|--|
| <input type="checkbox"/> For Distribution | <input type="checkbox"/> Reviewed | <input type="checkbox"/> Resubmit | <input type="checkbox"/> Copies / Review |
| <input type="checkbox"/> For Your Use | <input type="checkbox"/> Reviewed & Revised | <input type="checkbox"/> Submit | <input type="checkbox"/> Copies / Distribute |
| <input type="checkbox"/> As Requested | <input type="checkbox"/> Returned For Corrections | <input type="checkbox"/> Return | <input type="checkbox"/> Corrected Prints |
| <input type="checkbox"/> For Review & Comment | <input type="checkbox"/> Construction | <input checked="" type="checkbox"/> Examination & Approval | <input type="checkbox"/> Other: _____ |

Remarks:

Please call if you have any questions. Thanks.

Copy To:
Randy Friday, Village of Sherwood

Signed:
Nick Vande Hey

 Nick Vande Hey, PE
 Associate / Senior Project Engineer

If Enclosures Are Not As Noted, Kindly Notify Us At Once

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

Sherwood MS4 Planning

Applicant (governmental unit applying; name and type, e.g. Wausau, City; Randall, Town; Waunakee, Village)

Sherwood, Village

Name of Government Official - Authorized Signatory (First Last) Name of Government Official - Grant Contact Person (First Last)

Randy Friday Same

Title Title

Village Administrator

Area Code + Phone Number Area Code + Phone Number

(920) 989-1589

E-Mail Address E-Mail Address

administrator.sherwood@newbc.rr.com

Mailing Address - Street or PO Box Mailing Address - Street or PO Box

W482 Clifton Road

City	State	ZIP Code	City	State	ZIP Code
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Sherwood	WI	54169			
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Project Information

A. Location of Project

County State Senate District number: State Assembly District number:

Calumet 1 3

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)
Sherwood, Village of	20 N	19	E	30	NW	SE	44.1789	-88.2775
Sherwood, Village of	20 N	18	E	25	SW	NE	44.1762	-88.295
	N							

Method for Determining Latitude & Longitude (check one)

- GPS DNR Surface Water Data Viewer (<http://dnrm.wisconsin.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 Village of Sherwood recently applied for NR 216 WPDES Municipal Separate Storm Sewer System (MS4) Permit coverage from the WDNR. The WDNR anticipates issuing the Village's MS4 Permit during 2015. The MS4 Permit is anticipated to include a compliance schedule for public education, public involvement, illicit discharges, construction site erosion control, post-construction stormwater management, pollution prevention, stormwater quality management plan, and MS4 system mapping. The activities proposed for this UNPS&SW Planning Grant will assist the Village with development of its MS4 Permit program. The planning activities will also assist with long-term total phosphorus (TP) and sediment / total suspended solid (TSS) reductions within Kankapot Creek and Lake Winnebago.

Kankapot Creek is a 303(d) impaired water body that is impacted by a blend of point and nonpoint source pollution. Kankapot Creek is on the 303(d) list due to TP pollutants, TSS pollutants, and a degraded habitat impairment. The Lower Fox River Basin TMDL was approved by the EPA during 2012.

Lake Winnebago is a 303(d) impaired water body that is impacted by a blend of point and nonpoint source pollution. Lake Winnebago is on the 303(d) list due to TP pollutants, TSS pollutants, a low dissolved oxygen impairment, an eutrophication impairment, a water quality use impairment, an excess algal growth impairment, and a turbidity impairment. The Upper Fox River Basin TMDL is anticipated for completion during 2016.

As part of this planning grant, the Village of Sherwood intends to develop a stormwater program to assist with MS4 permit compliance, update its construction site erosion control ordinance, update its post-construction stormwater management ordinance, develop a new street sweeping ordinance, develop a new dedicated revenue source (e.g. user fees for existing Village-owned structural stormwater quality facilities), conduct a stormwater utility feasibility study, update its storm sewer system mapping, perform infiltrometer tests for Village streets with grass swales, develop a new and update the Village-wide stormwater quality management plan in accordance with NR 151.13 and TMDL allocations, and perform site investigations for stormwater facilities. Public education and public involvement will be integral to the planning activities.

C. Watershed, Waterbody and Pollutants (see [Attachment A](#) and <http://dnrm.wisconsin.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
Lake Winnebago - East	UF02	040302030304	85	Lake Winnebago
Plum & Kankapot Creeks	LF03	040302040203	15	Kankapot Creek

Nonpoint Source Pollutant(s) Controlled by the Project

- Nutrients Sediment Other, specify:

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://dnrm.wisconsin.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
Erin Hanson	02/17/2015	Lower Fox TMDL is done, Upper Fox TMDL in progress

- 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, 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 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 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:

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	02/2015	Village Staff, Consultant, WDNR
Prepare Request for Proposal	02/2015	Village Staff, Consultant
Select Consultant	02/2015	Village Staff, WDNR
Finalize Scope of Service and Professional Services Contract	01/2016	Village Staff, Consultant, WDNR
Get DNR approval of Professional Services Contract	01/2016	Village Staff, WDNR
Hold "kick-off" meeting	02/2016	Consultant, Village Staff, WDNR
Interim meeting with DNR	1/2017	Consultant, Village Staff, WDNR
Presentation to Municipal Council	9/2017	Consultant, Village Staff
Submit project and final report to DNR	10/2017	Consultant, Village Staff
Additional Milestones (list below)		
Present Ordinances to Board	5/2016	Consultant, Village Staff
Present Village-Wide Plan to Board	6/2017	Consultant, Village Staff
Present SW Utility to Board	9/2017	Consultant, Village 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 (\$)
Construction Site Ordinance	1,600	1,600
Post-Construction Ordinance	1,950	1,950
Stormwater Reference Guide	2,000	2,000
New user fees for existing structural BMPs	3,500	3,500
Stormwater utility feasibility study	16,500	16,500
MS4 mapping	18,800	18,800
Infiltrometer tests for grass swales	6,300	6,300

Project Name:
 Sherwood MS4 Planning

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SLAMM stormwater quality analysis (NR 151.13, TMDL)	23,200	23,200
Cost estimates, cost effectiveness analysis, BMP rankings	10,700	10,700
Site Investigations	6,000	6,000
Preliminary BMP retrofits	11,200	11,200
Evaluate alternatives	8,600	8,600
Meetings (informational, public hearings, etc.)	6,900	6,900
Stormwater Management Plan / Final Report	5,700	5,700
1. Total	122,950	122,950

B.1. (continued) Cost Sharing Worksheet

Eligible Costs:

2. 70% of Column C Total Row 1 above	\$	86,065
Cap Test:		
3. Maximum State Share Row 2 or \$85,000, whichever is less	\$	85,000
State and Local Share:		
4. Requested State Share Amount (Enter Requested Grant Amount)		79,050
5. Local Share Amount (Total of Row 1 Column B less Row 4)	\$	43,900

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.

Village Staff and McMahon met to discuss the proposed stormwater planning activities and scope of services. We discussed existing Village Staff availability and the amount of external support needed. Based on previous experiences in the Village, we estimated the number of meetings likely required to provide adequate guidance for the Village. We estimated the number of hours required for qualified staff to perform specific tasks contained in the scope of services. Cost estimates were based on the Village's goals, project uniqueness, and information availability. Cost estimates were verified for reasonableness based upon average cost data.

Identify the source of the local share:

Village General 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 Village will submit its MS4 Annual Report to the WDNR for 2 years after the planning project is completed. The annual reports will summarize the project implementation using measurable goals, modeling, revenues, and expenditures. The Village is tracking implementation of its stormwater program as part of its MS4 Permit. The MS4 Annual Reports will be submitted to WDNR by March 31 of each year.

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"/> 100	<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://dnrmaps.wi.gov/SL?Viewer=SWDV).</p> <p>Name of Applicable Impaired Water: Kankapot Creek, Lake Winnebago</p> <hr/> <p>Name of Pollutant Causing Impairment: Total phosphorus, sediment/total suspended solids</p>
<input 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://dnrmaps.wi.gov/SL/Viewer.html?Viewer=SWDV&runWorkflow=DesignatedWaters.</p> <p>Name of Applicable ORW/ERW or ASNRI:</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"/>		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).
<input type="checkbox"/>		G. Groundwater Quality (see Attachment F) The project area is within a geological area defined in Attachment F as susceptible to groundwater contamination.
	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="checkbox"/> Root River	[]
<input type="checkbox"/> Oak Creek	[]
<input type="checkbox"/> Milwaukee River	[]
<input type="checkbox"/> Sauk Creek	[]
<input type="checkbox"/> Sheboygan and Onion Rivers	[]
<input type="checkbox"/> Manitowoc River	[]
<input type="checkbox"/> Twin Rivers	[]
<input type="checkbox"/> Kewaunee and Ahnapee Rivers	[]
<input type="checkbox"/> Menominee River	[]
<input type="checkbox"/> Fish Creek	[]
<input type="checkbox"/> St. Louis and Nemadji Rivers	[]
<input checked="" type="checkbox"/> Lake Winnebago	85

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:
FY2015 Village Budget adopted November 10, 2014

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.

The Village of Sherwood Year 2030 Comprehensive Plan dated July 2008 (Smart Growth) recommends (1) implementing procedures to ensure that stormwater quality practices are properly maintained, (2) requiring new development projects to include Village approved stormwater management facilities, (3) establishing an erosion control ordinance to minimize the impacts of construction on the community's natural resources, (4) adopting a stormwater management plan, (5) updating the Village's capital improvement plan, (6) adding standards for stormwater quality into Village ordinances, (7) developing an education and enforcement program for stormwater quality regulations, and (8) reviewing impact fees to assist with implementation of the MS4 stormwater program. The proposed planning activities will help the Village develop and implement these recommendations.

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).
http://www.villageofsherwood.org/index.asp?SEC=AFBA8EB4-ED8D-4648-9D8F-1C32181CB856&Type=B_BASIC

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).
http://www.villageofsherwood.org/index.asp?SEC=AFBA8EB4-ED8D-4648-9D8F-1C32181CB856&Type=B_BASIC

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.

Part I. Filter B.1. - Table 8-1 from the Village of Sherwood Year 2030 Comprehensive Plan (dated July 2008) indicates the current residential acreage is approximately 454 acres. The Wisconsin Demographic Services Center identified a final 2014 population estimate of 2,818 for the Village of Sherwood. As such, the current population density for the Village is approximately 3,970 people per square mile of residential land use (454 acres / 640 acres = 0.71 square miles). Map 8-3 from the Village of Sherwood Year 2030 Comprehensive Plan (dated July 2008) depicts the future land use map, which is projected to occur in year 2030 or within 15 years of grant application submittal.

Part II. Question 5. Evidence of Local Support - The Sherwood Village Board adopted a resolution supporting the specific planning grant project and authorizing a specific individual permission to act as the Village's representative for the proposed grant activities. The adopted resolutions are attached. In addition, a letter of support from citizen groups supporting the specific planning grant project are attached.

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

Randy Friday

04-13-2015

Name (Please Print)

Title

Randy Friday

Village Administrator

- 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.

Project Name:

Sherwood MS4 Planning

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

Form 8700-299A (R 1/15)

Page 11 of 21

- 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:
Sherwood MS4 Planning

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

Form 8700-299A (R 1/15)

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

Thank you.

Proposed Scope of Services
UNPS&SW Planning Grant, Village of Sherwood, WI

- Update construction site erosion control ordinance
 - Update ordinance based on recent changes to NR 151
 - Develop public educational brochure for permit applicants.
- Update post-construction stormwater management ordinance
 - Update ordinance based on recent changes to NR 151
 - Recommend modifications based on TMDL
 - Develop public educational brochure for permit applicants
- Update the Village's Stormwater Reference Guide for the construction site erosion control and post-construction stormwater management ordinances
- Prepare new street sweeping ordinance
- Develop impact fee for landowners desiring to use a Village-owned stormwater management facilities to satisfy one or more ordinance requirements.
- Conduct stormwater utility feasibility study
- Update storm sewer system mapping
- Perform infiltrometer soil testing along Village-owned street ditches in order to more accurately determine phosphorus and sediment reductions using WinSLAMM
- Perform new and update WinSLAMM stormwater quality modeling for compliance with TMDL phosphorus and sediment waste load allocations and requirements contained within NR 151.12 and 151.13. The Village's urbanized area has expanded since the original community-wide stormwater quality plan was completed in 2007. In addition, the US Census released its new 2010 Urbanized Area Maps which expand the Village's developed urban area into new areas of the Village.
- Prepare cost estimates, rank BMPs, rank pollutant loads in watershed
- Develop new and update existing Stormwater Quality Management Plan for the Village's entire developed urban area in accordance NR 151.13 and TMDL
- Perform TR-55 and peak discharge modeling to assist with stormwater BMPs design, review of post-construction stormwater plans, and resolving stream erosion problems.
- Conduct site investigations for stormwater BMPs identified by Village (endangered / threatened species, environmental hazards, topo surveys, soil borings, wetlands, etc.)
- Attend, educate, facilitate and present at meetings with Village Staff, Village Board, landowners and general public (as needed)



Friends of High Cliff State Park

SHERWOOD MSEA PLANNING
PAGE 14 OF 21

N7630 State Park Road
Sherwood, Wisconsin 54169
(920) 989-1106

March 2, 2015

Mr. Randy Friday, Administrator
Village of Sherwood
W482 Clifton Road
Sherwood, WI 54169

Dear Mr. Friday:

The Friends of High Cliff supports the Village of Sherwood's desire to apply for an Urban Non-Point Source & Stormwater Planning Grant from the Wisconsin Department of Natural Resources. We recognize that urban non-point source pollution has the potential to degrade surface water quality and impact designated uses for Lake Winnebago and Kankapot Creek. Lake Winnebago and Kankapot Creek are impaired by excess phosphorus and sediment pollutants.

As part of the Planning Grant, various stormwater planning activities will be performed. The planning activities include the following: update the construction site erosion control ordinance, update the post-construction stormwater management ordinance, prepare a street sweeping ordinance, develop new financing mechanism (e.g. user fee for existing Village-owned stormwater ponds), conduct a stormwater utility feasibility study, prepare a village-wide stormwater quality plan for the developed urban area, and perform site investigations for stormwater facilities. The purpose of the various planning activities is to assist with Municipal Stormwater Permit compliance and assist with long-term urban non-point source pollution reduction in local water bodies.

The Friends of High Cliff supports the Village's Planning Grant application since the grant funds will assist with reducing urban non-point source pollution and enhancing surface water quality.

Sincerely,

Charlotte Barribeau
President

Friends of High Cliff

Cc: Nick Vande Hey, McMAHON

March 2, 2015

Mr. Randy Friday, Administrator
Village of Sherwood
W482 Clifton Road
Sherwood, WI 54169

Dear Mr. Friday:

The Sherwood Optimists Club supports the Village of Sherwood's desire to apply for an Urban Non-Point Source & Stormwater Planning Grant from the Wisconsin Department of Natural Resources. We recognize that urban non-point source pollution has the potential to degrade surface water quality and impact designated uses for Lake Winnebago and Kankapot Creek. Lake Winnebago and Kankapot Creek are impaired by excess phosphorus and sediment pollutants.

As part of the Planning Grant, various stormwater planning activities will be performed. The planning activities include the following: update the construction site erosion control ordinance, update the post-construction stormwater management ordinance, prepare a street sweeping ordinance, develop new financing mechanism (e.g. user fee for existing Village-owned stormwater ponds), conduct a stormwater utility feasibility study, prepare a village-wide stormwater quality plan for the developed urban area, and perform site investigations for stormwater facilities. The purpose of the various planning activities is to assist with Municipal Stormwater Permit compliance and assist with long-term urban non-point source pollution reduction in local water bodies.

The Sherwood Optimists Club supports the Village's Planning Grant application since the grant funds will assist with reducing urban non-point source pollution and enhancing surface water quality.

Sincerely,



Sherwood Optimists Club
Cc: Nick Vande Hey, McMAHON

March 2, 2015

Mr. Randy Friday, Administrator
Village of Sherwood
W482 Clifton Road
Sherwood, WI 54169

Dear Mr. Friday:

The Sherwood Lion's Club supports the Village of Sherwood's desire to apply for an Urban Non-Point Source & Stormwater Planning Grant from the Wisconsin Department of Natural Resources. We recognize that urban non-point source pollution has the potential to degrade surface water quality and impact designated uses for Lake Winnebago and Kankapot Creek. Lake Winnebago and Kankapot Creek are impaired by excess phosphorus and sediment pollutants.

As part of the Planning Grant, various stormwater planning activities will be performed. The planning activities include the following: update the construction site erosion control ordinance, update the post-construction stormwater management ordinance, prepare a street sweeping ordinance, develop new financing mechanism (e.g. user fee for existing Village-owned stormwater ponds), conduct a stormwater utility feasibility study, prepare a village-wide stormwater quality plan for the developed urban area, and perform site investigations for stormwater facilities. The purpose of the various planning activities is to assist with Municipal Stormwater Permit compliance and assist with long-term urban non-point source pollution reduction in local water bodies.

The Sherwood Lion's Club supports the Village's Planning Grant application since the grant funds will assist with reducing urban non-point source pollution and enhancing surface water quality.

Sincerely,

A handwritten signature in cursive script that reads "Nick Vande Hey, Director".

Sherwood Lion's Club
Cc: Nick Vande Hey, McMAHON

RESOLUTION #03-2015

URBAN NON-POINT SOURCE & STORMWATER PLANNING GRANT
VILLAGE OF SHERWOOD, CALUMET COUNTY, WISCONSIN

WHEREAS, the Wisconsin DNR has determined that excessive phosphorus and sediment pollutants are impacting surface water quality and designated uses for Kankapot Creek and Lake Winnebago; and

WHEREAS, a Total Maximum Daily Load (TMDL) for sediment and phosphorus is approved for Kankapot Creek and is being developed for Lake Winnebago; and

WHEREAS, the Village desires to conduct the following planning activities in order to assist with Municipal Stormwater Permit compliance, reduce urban non-point source pollution, and improve water quality in local water bodies; and

WHEREAS, the Village desires to update the construction site erosion control ordinance, update the post-construction stormwater management ordinance, and prepare a new street sweeping ordinance; and

WHEREAS, the Village desires to develop a new financing mechanism (user fee for existing Village-owned stormwater ponds) and conduct a stormwater utility feasibility study; and

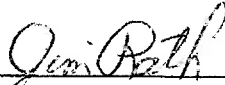
WHEREAS, the Village desires to prepare a Village-wide stormwater quality plan for the developed urban area which includes the 2010 US Census urbanized area; and

WHEREAS, the Village desires to perform site investigations for stormwater facilities; and

WHEREAS, the local-share funds for a portion of the project are already included specifically in the Village's 2015 adopted budget; and

NOW THEREFORE BE IT RESOLVED, that the Village hereby supports submittal of an Urban Non-Point Source & Stormwater Planning Grant Application to the Wisconsin Department of Natural Resources (DNR) for these planning activities.

Adopted this 9th day of March, 2015.



Jim Rath, Village President

ATTEST:


Sue Williams, Village Clerk

RESOLUTION #04-2015

**URBAN NON-POINT SOURCE & STORMWATER GRANT PROGRAM
VILLAGE OF SHERWOOD, CALUMET COUNTY, WISCONSIN**

WHEREAS, the Village of Sherwood is interested in obtaining 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 Village of Sherwood

HEREBY AUTHORIZES, the Village Administrator to act on behalf of the Village of Sherwood to:

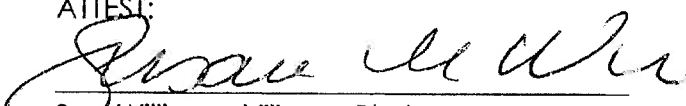
- Submit and sign an application to the State of Wisconsin Department of Natural Resources for any financial aid that may be available;
- Sign a grant agreement between the Village of Sherwood and the Department of Natural Resources;
- Submit reimbursement claims along with necessary supporting documentation;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

BE IT FURTHER RESOLVED that the Village of Sherwood 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 9th day of March, 2015.



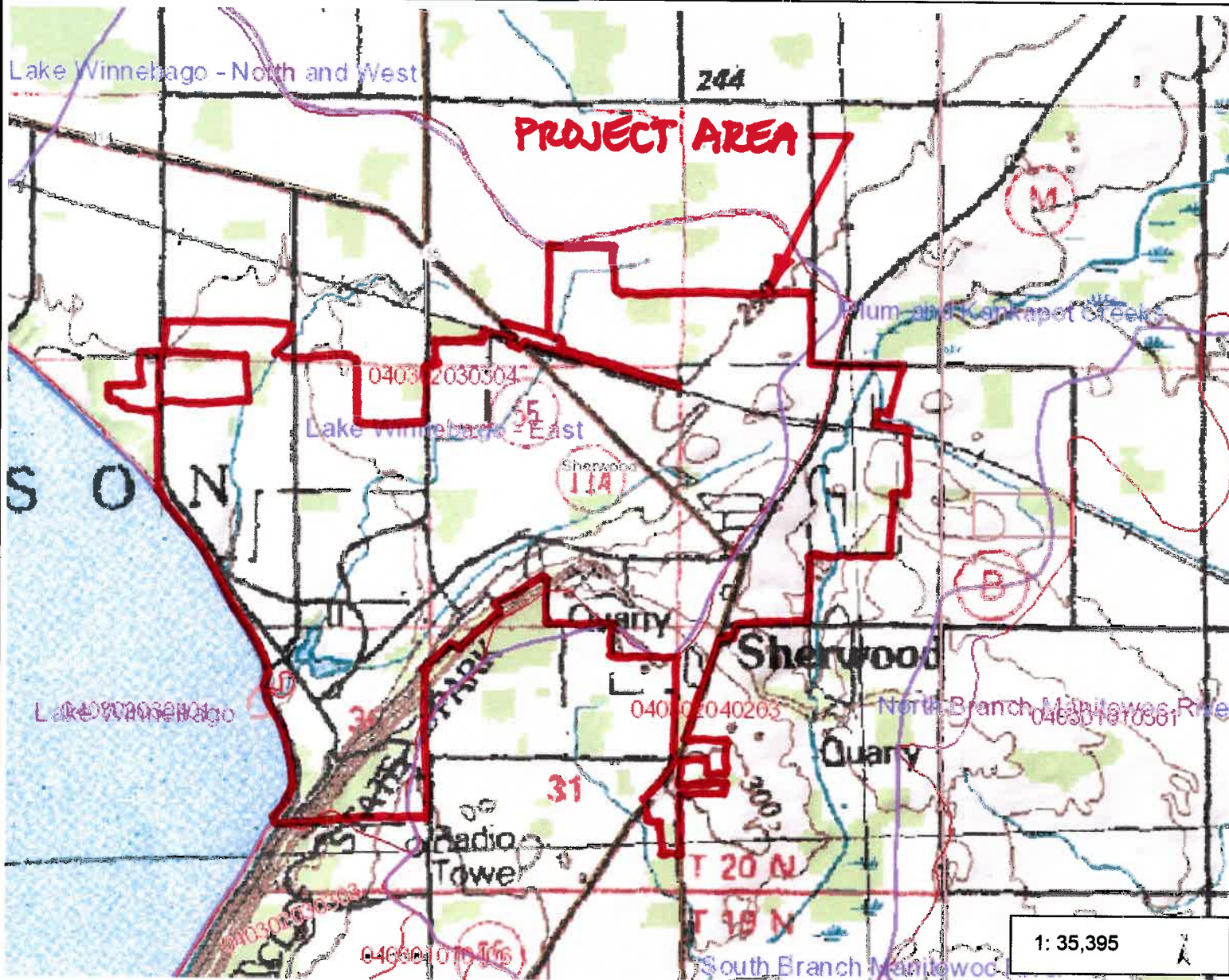
Jim Rath, Village President

ATTEST:


Sue Williams, Village Clerk



Sherwood MS4 Planning



Legend

- Watersheds
- 12-digit HUCs (Subwatershed)
- Cities, Towns & Villages**
- City
- Village
- Civil Town

1: 35,395



NAD_1983_HARN_Wisconsin_TM
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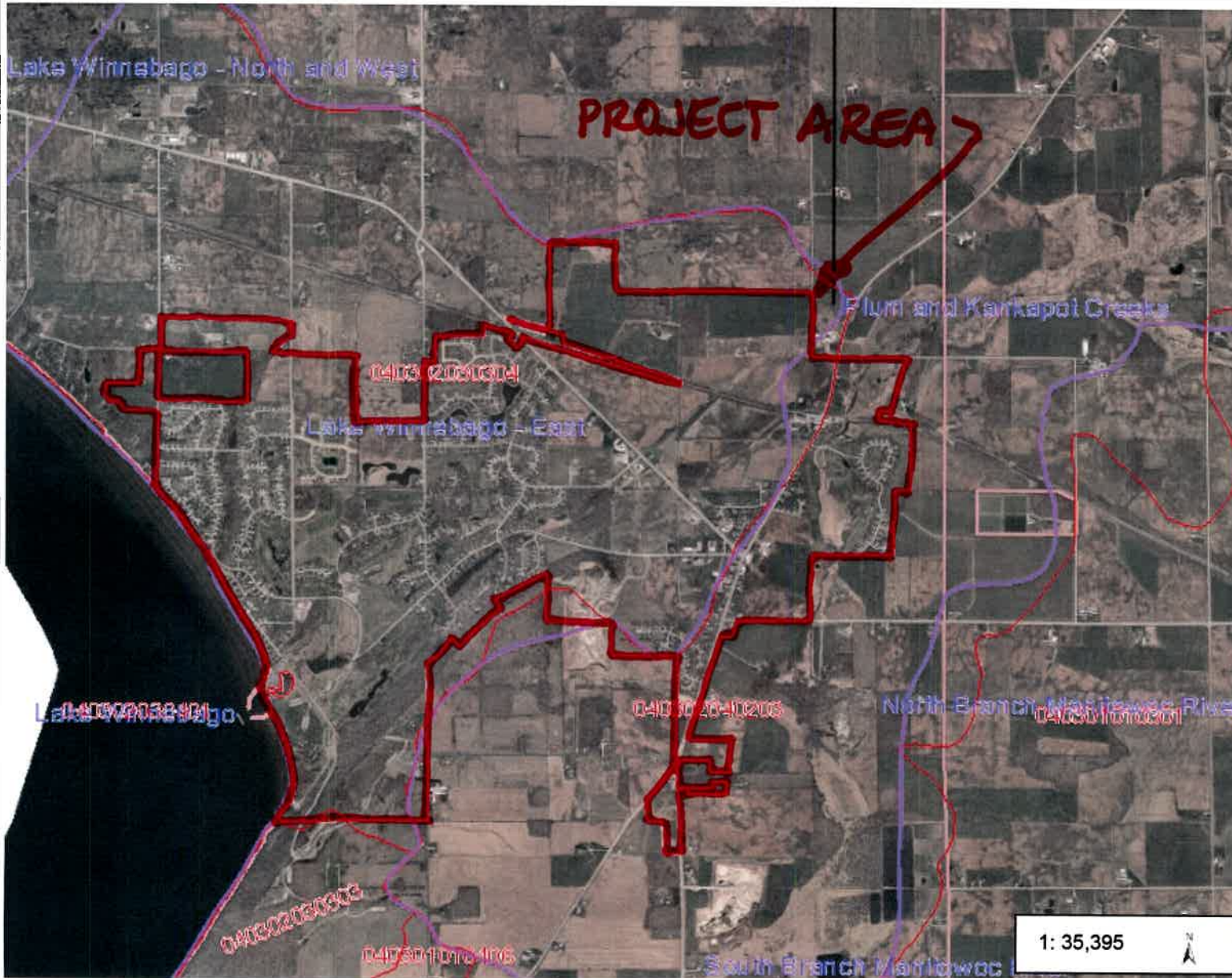
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Notes

SHERWOOD MS4 PLANNING
PAGE 19 OF 21



Sherwood MS4 Planning



Legend

- Watersheds
- 12-digit HUCs (Subwatersheds)
- Cities, Towns & Villages**
- City
- Village
- Civil Town
- 2010 Air Photos (WROC)

1: 35,395

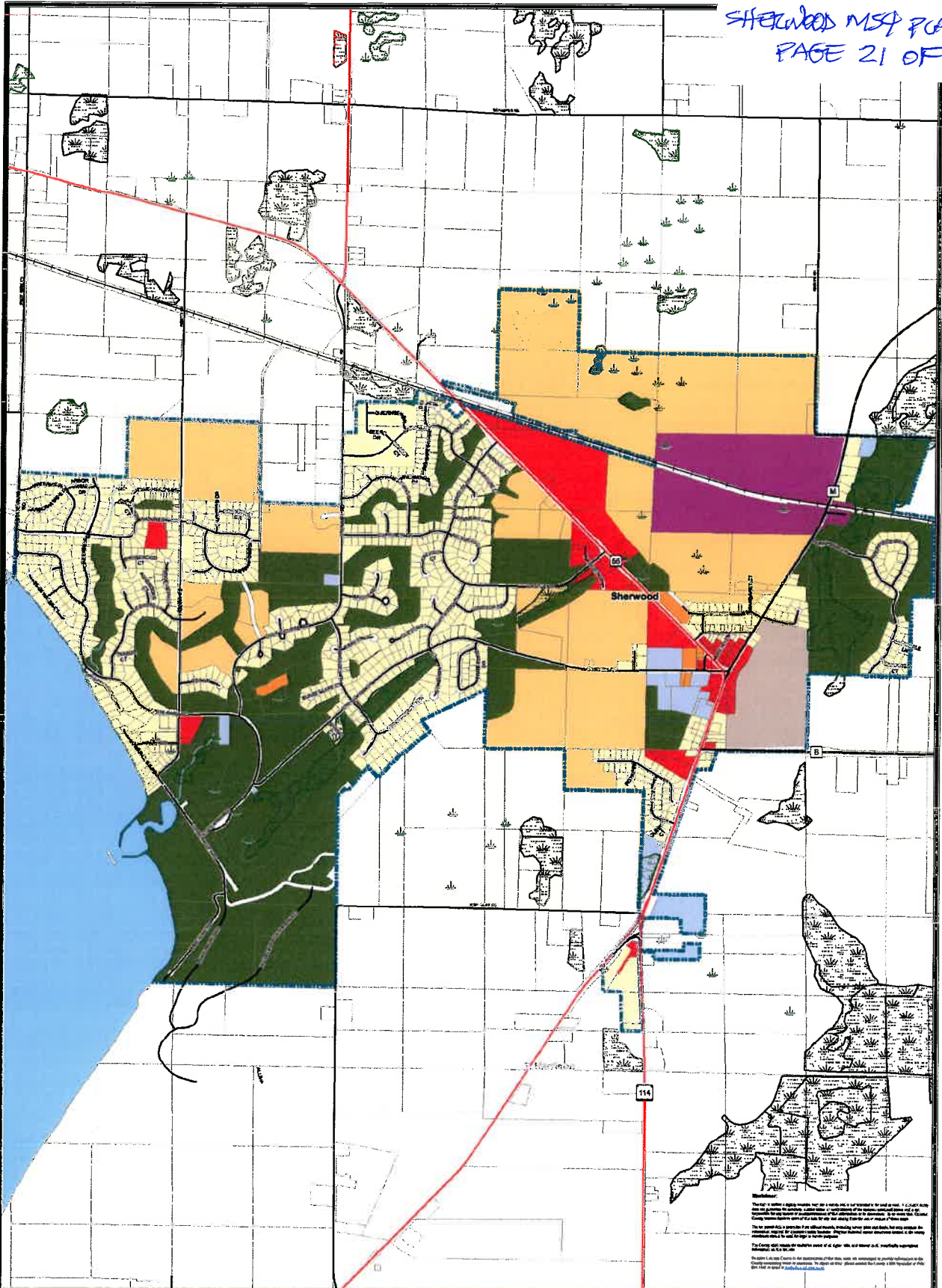
Notes

1.1 0 0.56 1.1 Miles

NAD_1983_HARN_Wisconsin_TM
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SHERWOOD MS4 PLANNING
PAGE 20 OF 21



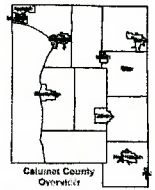
Future Land Use

Village of Sherwood, Calumet County

- | | | |
|------------------------|---------------------------|--------------------------------------|
| Wetlands Under 2 Acres | Lakes | General Residential District |
| Railroads | Wetlands | Multiple Family Residential District |
| City Streets | Parcel Boundaries | General Commercial District |
| Local Roads | Municipal Boundaries | Industrial District |
| County Highways | Town Boundaries | Institutional District |
| State Highways | Future Land Use | Park and Recreation District |
| Federal Highways | Single Family Residential | Agricultural District |
| Rivers | | |

This map is a general planning tool and is not intended to be used as a legal document. It is subject to change without notice. The County Board reserves the right to amend this map at any time. This map is not a guarantee of any future action. The County Board is not responsible for any errors or omissions on this map. The County Board is not responsible for any damages or losses resulting from the use of this map. The County Board is not responsible for any claims or lawsuits filed against the County Board or any of its employees or agents. The County Board is not responsible for any claims or lawsuits filed against any third party. The County Board is not responsible for any claims or lawsuits filed against any third party. The County Board is not responsible for any claims or lawsuits filed against any third party.

Map Date: 02/27/2008
 Calumet County, WI
 1:50,000 Scale
 1 inch = 1.609344 kilometers



Map 8-3
 Calumet County
 Wisconsin