

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

Update Village of Bellevue Urban Stormwater Plan

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

Village of Bellevue

Name of Government Official - Authorized Signatory (First Last)				Name of Government Official - Grant Contact Person (First Last)			
Angela Gorall				William Balke, PE			
Title				Title			
Administrator				Director of Public Works			
Area Code + Phone Number				Area Code + Phone Number			
(920) 468-5225				(920) 468-5225			
E-Mail Address				E-Mail Address			
agorall@villageofbellevue.org				BillB@villageofbellevue.org			
Mailing Address - Street or PO Box				Mailing Address - Street or PO Box			
2828 Allouez Avenue				2828 Allouez Avenue			
City	State	ZIP Code		City	State	ZIP Code	
Green Bay	WI	54311		Green Bay	WI	54311	

Project Information

A. Location of Project

County			State Senate District number:				State Assembly District number:	
Brown			30				88	
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)
Village of Bellevue	23 N	21	E	22	NE	NW	44.4587	-87.9417
	N							
	N							

Method for Determining Latitude & Longitude (check one)

- ☐ GPS ☒ DNR Surface Water Data Viewer (<http://dnrm.wisconsin.gov/SL/?Viewer=SWDV>)
☐ Other (specify):

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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 Bellevue proposes to update the Urban Stormwater Management Plan to take into account the Total Phosphorus and Total Suspended Solids TMDL requirements for East River, Bower Creek and Baird Creek. The watershed map will be updated to include highways, new development areas, private on-site stormwater facilities and new regional stormwater facilities. Water quality modeling will be completed with WinSLAMM 10.1.6 and will follow current Wisconsin DNR MS4 TMDL modeling guidance. Potential Water Quality Trading partnerships will be explored with more urbanized municipalities within the Lower Fox Watershed.

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
East River	LF01	040302040302		Fox River
Bower Creek	LF01	040302040304		East River
Baird Creek	LF01	040302040303		East River

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://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
Erin Hanson	02/26/2015	Planning Grant was appropriate for Planning

- ☒ 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 New Update Existing The project is to develop or update one or more of the following ordinances (must be the applying Governmental 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 New Update Existing 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

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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:

- ☐ ☒ 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	01/2016	Village, Consultant
Prepare Request for Proposal	03/2016	Village, Consultant
Select Consultant	04/2016	Village
Finalize Scope of Service and Professional Services Contract	05/2016	Village, Consultant
Get DNR approval of Professional Services Contract	07/2016	Village, Consultant
Hold "kick-off" meeting	08/2016	Village, Consultant
Interim meeting with DNR	03/2017	Village, Consultant
Presentation to Municipal Council	08/2017	Consultant
Submit project and final report to DNR	12/2017	Consultant
Additional Milestones (list below)		

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 (\$)
Review the existing Stormwater Management Plan	3,000	3,000
Review and update the basins within the Watershed	8,700	8,700
Review the Village Private Development BMP Summary	8,300	8,300
Update the Water Quality Model to include the Summary	7,000	7,000
Update the Water Quality Model to include new regional facilities	6,900	6,900
Complete the Water Quality Modeling	7,900	7,900
Review Water Quality Trading partnerships with other Municipalities	3,600	3,600
Prepare the Report	12,000	12,000
Presentation to the Village Board	1,800	1,800
Meetings with the WDNR (4) and Village (6)	8,000	8,000
Public Information and Education of the Plan	2,400	2,400
1. Total	69,600	69,600

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B.1. (continued) Cost Sharing Worksheet

Eligible Costs:

2. 70% of Column C Total Row 1 above	\$	48,720
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Cap Test:

3. Maximum State Share Row 2 or \$85,000, whichever is less	\$	48,720
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State and Local Share:

4. Requested State Share Amount (Enter Requested Grant Amount)		34,800
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5. Local Share Amount (Total of Row 1 Column B less Row 4)	\$	34,800
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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 engineering cost estimate quality will be based off the Village Engineers previous experience with Stormwater Management Planning Studies completed within Wisconsin and the Village's previous experience in the local area. these estimates also include an amount of costs for the Village staff to complete various tasks associated with mapping, summarizing the existing private development BMP.

Identify the source of the local share:

The Village has a Stormwater Management Utility which they collect fees from all property owners within the Village. This funding program has been in effect since 2002 and has sufficient funds available to provide the required match to fund this Preliminary Engineering. These funds are allocated annual based on the approved budget. See attached Budget and explanation of the allocations from the Director of Public Works.

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:

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://dnrm.wi.gov/SL/Viewer=SWDV).</p> <p>Name of Applicable Impaired Water: East River, Bower Creek, Baird Creek</p> <p>Name of Pollutant Causing Impairment: East River - TSS, Metals and TP, Bower Creek - TSS and TP, Baird Creek TSS and TP</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 ASNRIs 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:</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 Preventive Action Limit (PAL).</p>
<input type="checkbox"/>		<p>G. Groundwater Quality (see Attachment F) 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:
See attached Budget adopted November 12, 2014 and explanation of the allocations from the Director of Public Works.
- ☐ 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 has updated the Comprehensive Plan in October, 2012 and use it as a guide for future planning a copy of the Storm water Management section is attached. The Village completed a Storm water Management Plan in 1996 and was updated in 2008 which is proposed to be reviewed and updated to the current standards within this Project. The Plan will review the Storm water Management current facilities constructed over the past projects and will assess the needs to meet the standards of today. The updates will include modeling all the on-site BMP's constructed by the private developments and review/modeling the BMP's included along on the County Highways. These BMP's will assist the Village in meeting the required TSS removals and identify the proposed additional BMP's that will be required.

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).
www.villageofbellevue.org
Chapter 209 Construction Site Erosion Control
http://ecode360.com/27072391
- ☐ 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).
www.villageofbellevue.org
Chapter 400 Stormwater Management
http://ecode360.com/27312653

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

Question 7. City of Racine

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- ☐ 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.

The Village of Bellevue has been very aggressive in securing UNPS Construction grants over the years to assist in funding several Streambank Stabilization Projects and Stormwater Management Ponds to reduce the TSS and TP in the state waters. This Project will update the overall Stormwater Management Plan for the Village to provide guidance on the allocation of funding for the various projects to reduce the TSS and TP. The Village has documented all the on-site private developments through the years and will provide that information to include in the modeling. Incorporating the municipally owned and private stormwater BMP's into the modeling for the entire Village will provide the % removals being accomplished towards the goal of 40% removal.

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

4-15-15

Name (Please Print)

Angela Gorall

Title

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.
- 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

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

Thank you.

WDNR CORRESPONDENCE

Thad Majkowski

From: Hanson, Erin E - DNR <ErinE.Hanson@wisconsin.gov>
Sent: Thursday, February 26, 2015 10:04 AM
To: Thad Majkowski
Cc: Minser, Amy J - DNR
Subject: RE: Bellevue - UNPS Planning Grant - TMDL Project

Yes – planning grants cover expenses such as mapping, updating stormwater plan, identifying and ranking potential BMPs to meet MS4 permit and TMDL requirements.

If the Village is interested, I strongly encourage them to apply this grant cycle (apply in April 2015 for project in 2016-2017). See below for a message I recently received from central office:

The proposed Executive Budget includes a reduction in funds for the **UNPS – Planning** grants. Rather than \$1.3 million per year, the proposed amount is \$0.5 million per year. We believe that is unlikely to change. DNR will go to an every-other-year schedule for accepting UNPS Planning applications, since the full biennium amount is less than the previous annual amount.

Therefore, DNR will accept Planning grant applications this year (due April 15, 2015) for 2016 grants and will spend the full proposed \$1 million (biennium total). We will not be accepting Planning grant applications in 2016 for 2017 grants.

Should the budget change between now and the end of the year, we would reconsider the UNPS Planning grant application schedule at that time.

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Erin Hanson
Phone: (920) 662-5419
ErinE.Hanson@wisconsin.gov

From: Thad Majkowski [<mailto:thad.majkowski@cedarcorp.com>]
Sent: Thursday, February 26, 2015 9:29 AM
To: Hanson, Erin E - DNR
Subject: Bellevue - UNPS Planning Grant - TMDL Project

Erin,

Checking to see if the UNPS Planning Grant would be the appropriate program to apply for funding of some TMDL Engineering Services. If not, is there another program? Let me know your thoughts.

Thanks

Thad M. Majkowski, P.E.

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Dedication, Quality, Success



STORMWATER MANAGEMENT UTILITY BUDGET

Thad Majkowski

From: Bill Balke <BillB@villageofbellevue.org>
Sent: Monday, April 13, 2015 2:19 PM
To: Thad Majkowski
Subject: Storm water Planning Grant



Thad,

Below is the response to your question regarding how the planning project is budgeted:

Studies are budgeted through the operational storm water management budget. For 2015, \$20,000 was budgeted to begin the mapping and initial TMDL study for the Village. Based on the findings of the preliminary information, it was estimated that \$40,000-50,000 would be needed in 2016 to fully examine our existing system, and plan how to continuously meet the ongoing improvements to removing TSS and Phosphorus from our storm water within the TMDL study area.

The study would be funded through storm water utility money and is allocated within the operational budget for approval by September 2015. Funding not utilized in the existing year may be carried over from year to year.

If you should have any questions, please call me.

William Balke, P.E., Public Works Director

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STORMWATER MANAGEMENT UTILITY

DEPARTMENT: STORMWATER MANAGEMENT

GOAL: To provide Bellevue residents with cost effective environmentally sensitive storm water management programs and to ensure the continued viability of the urban forest through programs that which maintain a healthy, diverse and sustainable tree canopy.

OBJECTIVES:

- To provide annual maintenance of the storm water infrastructure including pipes, ponds, and streams.
- Integrate storm water environmental mandates into new developments as they occur.
- Create a 5-year capital program to address storm water quality/quantity issues.
- Improve storm water runoff quality to surface waters.
- Reduce flooding.
- To provide prompt and efficient service response to Village residents.
- Ensure village trees are maintained at optimum levels of stocking, health, age, species diversity, and are appropriate for the site.
- Ensure that the urban forestry program has community support.
- Ensure that residents are knowledgeable about proper tree planting and care.
- Make trees an integral part of community planning decisions.

PROGRAM ACTIVITY STATEMENT:

The Storm Water Utility operates as an enterprise fund to plan construct, operate and maintain the Village's storm water system including storm sewers, creeks, streams, and drainage ditches, and ponds. The objectives of the SMU are to achieve and maintain compliance with federal and state water quality regulations, to protect wildlife, and protect private property through erosion control efforts and floodplain management.

These objectives are achieved through various planning efforts, ordinance enforcement, construction of new storm water management systems, and maintenance of existing systems. The Village maintains 55.07 miles of storm sewer mains, 766 manholes, and 136 outfalls. The department is in the process of accurately inventorying the number of catch basins and leads. Each year the Village cleans the catch basins, inspects the outfalls, and makes repairs to the system. The Village also sweeps 114.5 curb miles of streets once per month between April and November each year.

The Urban Forestry Division is responsible for the planting and maintenance of all trees within the street right-of-way, in village parks, and all other village owned properties. Trees located in the Village's right-of-way are property of the Village and permission is required before residents, prune, remove or otherwise perform any maintenance.

The Village currently maintains an estimated 3,500 public trees. A greater emphasis on the management of the urban forest has taken place since the completion of the Village's Urban Forestry Management Plan in 2009.

The Division provides a neighborhood tree planting program for residents who wish to have trees planted in the terrace area adjacent to their property. The planting program will be

DEPARTMENT: STORMWATER MANAGEMENT

offered in the fall and runs concurrent with other fall plantings. The resident pays for the wholesale cost of the tree including planting.

In addition, the Division manages street trees for all new subdivisions in the Village. A linear curb fee is charged per a developer agreement, collected and placed in an escrow account for trees. After occupancy permits have been issued for approximately 70% of the houses in the development, trees are selected and planted in the terrace. The number and location of each tree, species and size of stock are to be determined by the acting Village Forester.

SIGNIFICANT EXPENDITURE, STAFFING AND PROGRAM CHANGES:

The Village will evaluate and create a plan to address new Wisconsin DNR mandates for stormwater management into the Fox River. The cost to maintain existing ponds has decreased due to a lower quality constructed and increased maturity of the existing ponds. Additional program expenses for monitoring, illicit discharge, and education and outreach are included in the budget.

The Department expects an increase in staff time allocated toward reviewing and administering the growing program. Additional resources will need to be allocated in the area of permitting, design, plan review, pond maintenance, and monitoring.

The Village will implement an Emerald Ash Borer project in 2015. The project will include increased training for staff, diagnoses of Ash Trees, development of an EAB readiness plan, creation of an adopt-a-tree program and community education.

DEPARTMENT: STORMWATER MANAGEMENT

RECEIPTS:

STORMWATER UTILITY

LICENSES & PERMITS

	2012 Actual	2013 Actual	2014 Budget	Actual - August 31	2014 Estimate	2015 Budget
Connection Charges	\$ 9,250	\$ 10,000	\$ 10,875	\$ 3,250	\$ 4,000	\$ 4,000
Credit Application Fees	\$ 900	\$ 600	\$ -	\$ 1,500	\$ 1,500	\$ 1,500
Subtotal	\$ 10,150	\$ 10,600	\$ 10,875	\$ 4,750	\$ 5,500	\$ 5,500

SERVICE CHARGES

Residential Revenue	\$ 199,983	\$ 190,826	\$ 190,000	\$ 181,658	\$ 272,858	\$ 273,000
Non-Residential Revenue	\$ 378,479	\$ 395,428	\$ 393,000	\$ 215,943	\$ 323,943	\$ 324,000
Forfeited Discounts	\$ 4,272	\$ 4,054	\$ 4,845	\$ 1,888	\$ 4,100	\$ 4,100
Trees Charges	\$ -	\$ 250	\$ 1,500	\$ 290	\$ 290	\$ 300
Subtotal	\$ 582,734	\$ 590,558	\$ 589,345	\$ 399,779	\$ 601,191	\$ 601,400

NONOPERATING REVENUES

Interest	\$ 8,426	\$ 6,198	\$ 5,000	\$ 2,981	\$ 5,000	\$ 5,000
Interest - Other	\$ 8,148	\$ 11,472	\$ 10,500	\$ (0)	\$ 10,500	\$ 10,500
Grants	\$ 277,923	\$ 185,246	\$ -	\$ (0)	\$ -	\$ -
Contributed Revenue	\$ 337,121	\$ 389,773	\$ -	\$ -	\$ -	\$ -
Special Assessment	\$ -	\$ 84	\$ -	\$ 45	\$ 45	\$ 45
LRIP Funds	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sale of Other Equipment	\$ -	\$ 3,000	\$ -	\$ -	\$ -	\$ -
Transfer from Village	\$ -	\$ 816,250	\$ -	\$ -	\$ -	\$ -
Transfer from Capital Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Total Nonoperating Revenues	\$ 631,618	\$ 1,412,023	\$ 15,500	\$ 3,025	\$ 15,545	\$ 15,545

TOTAL REVENUES

	\$ 1,224,502	\$ 2,013,181	\$ 615,720	\$ 407,555	\$ 622,236	\$ 622,445
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DEPARTMENT: STORMWATER MANAGEMENT

REQUIRED RESOURCES:

	2012 Actual	2013 Actual	2014 Budget	Actual - August 31	2014 Estimate	2015 Budget
ADMINISTRATION						
Legal Fees	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Salaries	\$ 118,921	\$ 106,493	\$ 99,895	\$ 67,316	\$ 99,895	\$ 92,988
Wages	\$ 24,294	\$ 25,525	\$ 30,008	\$ 19,496	\$ 30,047	\$ 35,251
Payroll Taxes	\$ 10,292	\$ 9,762	\$ 9,938	\$ 5,392	\$ 9,938	\$ 9,810
Employee Benefits	\$ 14,943	\$ 9,998	\$ 13,896	\$ 8,200	\$ 13,896	\$ 15,616
Retirement Contributions	\$ 2,920	\$ 7,803	\$ 8,730	\$ 4,551	\$ 8,730	\$ 8,368
Utilities	\$ 1,925	\$ -	\$ -	\$ -	\$ -	\$ -
Contracted Services	\$ 56,709	\$ 58,344	\$ 49,301	\$ 29,620	\$ 38,299	\$ 47,831
Office Supplies	\$ 2,438	\$ 3,878	\$ 8,500	\$ 1,282	\$ 4,000	\$ 4,000
Postage	\$ 3,389	\$ 4,351	\$ 4,500	\$ 3,328	\$ 4,992	\$ 5,000
Publications/Subscriptions/Dues	\$ 1,688	\$ 1,702	\$ 2,150	\$ 1,822	\$ 2,150	\$ 2,150
Legal Notices	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Training & Seminars	\$ -	\$ 675	\$ 2,000	\$ 340	\$ 2,000	\$ 2,405
Insurance	\$ 3,845	\$ 3,434	\$ 3,876	\$ 2,257	\$ 2,609	\$ 4,071
Rent - Village	\$ 1,985	\$ 1,985	\$ -	\$ -	\$ -	\$ -
Rent - VOM	\$ 810	\$ 810	\$ -	\$ -	\$ -	\$ -
Uncollectibles	\$ 599	\$ 208	\$ 250	\$ 541	\$ 740	\$ 750
Capital Equipment	\$ 2,609	\$ 710	\$ 1,000	\$ -	\$ 600	\$ 1,000
Subtotal	\$ 247,366	\$ 235,678	\$ 234,044	\$ 144,146	\$ 217,896	\$ 229,240

	2012 Actual	2013 Actual	2014 Budget	Actual - August 31	2014 Estimate	2015 Budget
FACILITY MAINTENANCE						
Salaries	\$ 9,113	\$ 10,487	\$ 38,440	\$ 10,019	\$ 15,029	\$ 39,015
Wages	\$ 66,602	\$ 44,077	\$ 63,890	\$ 41,126	\$ 61,289	\$ 85,829
Payroll Taxes	\$ 10,418	\$ 4,330	\$ 7,804	\$ 5,585	\$ 8,377	\$ 8,973
Employee Benefits	\$ 27,649	\$ 25,716	\$ 26,661	\$ 15,851	\$ 24,052	\$ 22,681
Retirement Contributions	\$ 12,311	\$ 3,627	\$ 7,120	\$ 4,068	\$ 6,102	\$ 7,588
Contracted Services	\$ 31,280	\$ 11,443	\$ 56,300	\$ 7,421	\$ 35,600	\$ 50,527
Utilities	\$ 599	\$ 448	\$ 500	\$ 236	\$ 250	\$ 250
Supplies & Other Expenses	\$ 5,636	\$ 3,728	\$ 3,500	\$ 3,254	\$ 3,400	\$ 4,000
Construction Materials	\$ 10,106	\$ 21,824	\$ 20,000	\$ 12,782	\$ 20,000	\$ 20,000
VOM Charges	\$ 87,180	\$ 87,180	\$ 99,695	\$ 99,695	\$ 99,695	\$ 102,744
Capital Equipment	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 260,894	\$ 212,861	\$ 323,910	\$ 200,037	\$ 273,794	\$ 341,607

DEPARTMENT: STORMWATER MANAGEMENT

REQUIRED RESOURCES – continued:

	2012 Actual	2013 Actual	2014 Budget	Actual - August 31	2014 Estimate	2015 Budget
URBAN FORESTRY						
Contracted Services	\$ 15,625	\$ 9,500	\$ 8,125	\$ 413	\$ 8,125	\$ 17,059
Publications, Subscriptions & Dues	\$ 185	\$ 15	\$ 30	\$ -	\$ 30	\$ 40
Training & Seminars	\$ 873	\$ 315	\$ 365	\$ -	\$ 365	\$ 1,345
Small Tools & Equipment	\$ -	\$ 968	\$ 1,500	\$ 1,474	\$ 1,500	\$ 1,500
Street Trees	\$ 1,940	\$ -	\$ 1,500	\$ -	\$ 1,500	\$ 10,250
Subtotal	\$ 18,622	\$ 10,798	\$ 11,520	\$ 1,888	\$ 11,520	\$ 30,194
OTHER OPERATING EXPENSES						
Depreciation	\$ 382,683	\$ 411,553	\$ 375,000	\$ 255,122	\$ 411,550	\$ 411,550
Interest on Debt	\$ 37,969	\$ 44,847	\$ 40,338	\$ 33,071	\$ 40,338	\$ 38,364
Amortization Debt Expense	\$ 13,650	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to Village	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to VOM	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Transfer to Capital Projects	\$ 14,250	\$ -	\$ -	\$ -	\$ -	\$ -
Village Rent	\$ 64,588	\$ 71,510	\$ 87,927	\$ 34,768	\$ 93,864	\$ 92,630
Subtotal	\$ 513,139	\$ 527,909	\$ 503,265	\$ 322,961	\$ 545,752	\$ 542,544
TOTAL EXPENDITURES	\$ 1,040,022	\$ 987,246	\$ 1,072,739	\$ 669,032	\$ 1,048,962	\$ 1,143,585
Operating Income (Loss)	\$ (409,169)	\$ (341,242)	\$ (432,181)	\$ (231,431)	\$ (401,933)	\$ (498,321)
Nonoperating Revenues (Expenses)						
Interest income	\$ 16,574	\$ 17,670	\$ 15,500	\$ 2,981	\$ 15,500	\$ 15,500
Interest and amortization expense	\$ (37,969)	\$ (44,847)	\$ (40,338)	\$ (33,071)	\$ (40,338)	\$ (38,364)
Income from merchandising	\$ -	\$ 3,084	\$ -	\$ 45	\$ 45	\$ 45
Total Nonoperating Revenues (Expenses)	\$ (21,394)	\$ (24,092)	\$ (24,838)	\$ (30,045)	\$ (24,793)	\$ (22,819)
Income (Loss) Before Contributions and Transfers	\$ (430,564)	\$ (365,334)	\$ (457,019)	\$ (261,477)	\$ (426,726)	\$ (521,140)
Capital Contributions	\$ 615,044	\$ 575,019	\$ -	\$ (0)	\$ -	\$ -
Transfers In	\$ -	\$ 816,250	\$ -	\$ -	\$ -	\$ -
Change in Net Position	\$ 184,480	\$ 1,025,935	\$ (457,019)	\$ (261,477)	\$ (426,726)	\$ (521,140)
Net Position - January 1	\$ 9,757,309	\$ 9,941,789	\$ 10,967,724	\$ 10,967,724	\$ 10,967,724	\$ 10,540,998
Net Position - December 31	\$ 9,941,789	\$ 10,967,724	\$ 10,510,705	\$ 10,706,247	\$ 10,540,998	\$ 10,019,858

DEPARTMENT: STORMWATER MANAGEMENT

REQUIRED RESOURCES – continued:

TOTAL OUTSTANDING INDEBTEDNESS AS OF DECEMBER 31, 2014					
DESCRIPTION	PRINCIPAL BALANCE 12/31/2014	2015 PRINCIPAL PAYMENTS	2015 INTEREST PAYMENTS	2015 TOTAL PRINCIPAL & INTEREST	PRINCIPAL BALANCE 12/31/2015
Stormwater Utility					
2011 GO NOTE	\$ 125,000	\$ 10,000	\$ 3,200	\$ 13,200	\$ 115,000
2012B GO BOND	\$ 1,435,000	\$ 65,000	\$ 35,655	\$ 100,655	\$ 1,370,000
Stormwater Utility Total	\$ 1,560,000	\$ 75,000	\$ 38,855	\$ 113,855	\$ 1,485,000

COMPREHENSIVE PLAN
2012-2013

Village of Bellevue

Comprehensive Plan 2012 - 2032



Prepared by:
Village of Bellevue Comprehensive Planning
Ad-Hoc Committee

Adopted by:
Bellevue Village Board
October 10, 2012

Planning assistance provided by:



Menomonie Madison Green Bay



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Because of the concern of possible contaminants in the groundwater supply, the Village of Bellevue became a member of the Central Brown County Water Authority (CBCWA) in 1998. The CBCWA is comprised of the communities of De Pere, Allouez, Bellevue, Howard, Lawrence, and Ledgeview.

These six communities shared a similar need for quality safe drinking water. Following the formation of the Authority, the group developed a partnership with the city of Manitowoc and Manitowoc Public Utilities (MPU) to obtain fresh water from Lake Michigan. MPU uses microfiltration to purify the water and then treats it with chlorine to ensure it's safe to drink. The drinking water is pumped through a new pipeline from the City of Manitowoc to an access point on the Bellevue-Ledgeview border near STH 29. The existing wells within the Village will serve as a backup water supply during emergencies and periods of high demand.

These improvements, along with a new water tower constructed at the same time, should ensure that the current demands of the Village can be met, that the existing system is strengthened to allow for future extensions, that the reliability of the system is increased, and that the future needs of the Village can be met.

It is recommended that the Village continue its long-range planning, maintenance, and funding activities to ensure that its water supply and transmission system remain adequately sized for anticipated growth and development.

It is also recommended that the Village of Bellevue extend its water supply and transmission system in conformance with the 5-year growth increments identified within this plan, promoting infill development and efficient and cost-effective growth patterns.

Stormwater Management

The Village of Bellevue's current stormwater system is a conveyance system consisting of swales, roadside ditches, storm sewers, culverts, and channels and a storage system consisting of wetlands, constructed bioinfiltration basins, and constructed stormwater detention facilities. This system transports stormwater runoff from developed lands to the East River and numerous tributaries. The location of the Village's stormwater system is shown in Figure 3.

In 1987, the federal government passed an amendment to the Clean Water Act that included several regulations relating to stormwater management and nonpoint source pollution control. These programs were created to control nonpoint source pollution from municipal, industrial, and construction site runoff.

These federal programs apply to most communities, including the Village of Bellevue, for most construction sites one acre or larger in size. It is anticipated that these requirements will also apply to many ongoing Village activities, such as its road and utility reconstruction and grounds maintenance.

Uncontrolled stormwater runoff from land development activity has a significant impact upon water resources and the health, safety, and general welfare of the community. Uncontrolled stormwater runoff can:

- Degrade physical stream habitat by increasing stream bank erosion, increasing streambed scour, diminishing groundwater recharge, and diminishing stream base flows.
- Diminish the capacity of lakes and streams to support fish, aquatic life, recreational, and water supply uses by increasing loadings of nutrients and other urban pollutants.
- Alter wetland communities by changing wetland hydrology and by increasing pollutant loads.
- Reduce the quality of groundwater by increasing pollutant loads.
- Threaten public health, safety, property, and general welfare by overtaxing storm sewers, drainage ways, and other minor drainage facilities.
- Threaten public health, safety, property, and general welfare by increasing major flood peaks and volumes.
- Undermine floodplain management efforts by increasing the incidence and levels of flooding.
- Diminish the public enjoyment of natural resources.

As urban development increases, so do these risks. Research indicates that many of these concerns become evident when impervious surfaces (rooftops, roads, parking lots, etc.) within a watershed reach 10 percent. A typical medium density residential subdivision can contain about 35 to 45 percent impervious surfaces. Therefore, such adverse impacts can occur long before the majority of a watershed becomes developed.

The Village of Bellevue completed a stormwater management plan in June 1996. The objectives of the plan were to reduce to acceptable risk levels drainage-related inconvenience and related nuisance problems, reduce to acceptable risk levels flood damage, abate nonpoint source pollution, maintain or enhance the existing aesthetics, effectively accommodate existing and planned land uses, and meet all of the above at the lowest practicable cost.

The plan recommended that the frequent nuisance flows be managed to desired levels, that additional management be required to fully control rare events, and that stormwater quality improvements be achieved through a combination of structural and non-structural measures.

In March 2002, the Village created a stormwater management utility to fund the administration, planning, construction, and maintenance of the Village's existing and future stormwater management systems.

Currently, the Village is modeling the existing stormwater management system to determine the pollutant removal efficiency provided by various structural (ponds, swales, etc.) and non-structural (street sweeping, etc.) best management practices (BMP's). Bellevue is required by their Municipal Separate Storm Sewer System (MS4) permit to provide 40% total suspended solids removal on an annual basis. Should the results of the modeling project fail to exceed 40%, additional BMP's will be recommended for inclusion in the Villages Capital Improvements Plan.

It is anticipated that implementation of the stormwater management plan's recommendations and continued operation of the stormwater management utility will fully address the stormwater management needs of the Village of Bellevue during the timeframe of this comprehensive plan. However, the stormwater management plan and this comprehensive plan will likely need to be revised to ensure their continued compliance with state and federal stormwater regulations as those regulations change over time.

2008 STORMWATER MANAGEMENT PLAN

ADDEDNUM F

2008 UPDATE ADDENDUM F

To the June 1996 Village of Bellevue Stormwater Management Plan

Stormwater Quality Management

Village of Bellevue

Integrated with post-construction stormwater management, stormwater quality management activities in the Village have been in place for quite some time. These stormwater management activities and features provide treatment of stormwater runoff for many areas of the Village. The empirical "Simple Method" (Schueler 1987) of pollutant loading estimating had been employed during the 1996 Stormwater Management Plan effort to estimate the pollutant generation in stormwater runoff within the Village. Results of that evaluation, included in Chapter 5 of the 1996 Stormwater Management Plan, showed possible future pollutant (total suspended solids – TSS) removal efficiencies ranging up to 91% for the Willow Creek and Bower Creek watersheds. These high removal performance possibilities are partially predicated on the proposed detention ponds illustrated on Exhibit 6-2 of that plan. Unfortunately since the completion of that plan, placement of stormwater ponds within navigable streams has been discouraged by DNR which makes the high performance of these large, effective regional ponds unattainable. SLAMM modeling of current stormwater treatment, with more accurate basin by basin modeling, current removal guidelines (lack of available swale treatment use along County roadways and portions of "I-43", STH 29/USH 141 and STH "172", and less effective street sweeping performance, for example), showed overall total suspended solids removal of only about 17%. The following points discuss the performance of Bellevue's system:

- ◆ Existing wet detention ponds – The stormwater mapping in Addendum G shows the wet detention ponds constructed before October of 2004. As shown, very few wet ponds were in place at that time, though their high treatment performance can be noted in the SLAMM modeling results. The performance of these ponds in removing pollutants varies, but they provide significant treatment to stormwater runoff within their respective drainage basins. Removal of existing sedimentation within the ponds and deepening of the ponds to achieve better removal performance will be enforced in the upcoming years.
- ◆ Existing buffers – Buffers along streams and wetlands exist throughout Bellevue and are being required at an accelerated rate. The effects of this practice are not included in the SLAMM evaluation which lends some conservativeness to the SLAMM results.
- ◆ Existing grassed swales – Only a few grassed swales meeting pollutant removal criteria exist in Bellevue. The areas being treated by the major swale systems in Bellevue are shown on the stormwater mapping in Addendum G. The effects of this practice are also included in the SLAMM evaluation, although grassed swale treatment within County right-of-ways and portions of

STH 172 STH "29/USH141" and "I-43" has not been included as Brown County and the WDOT are using those treatment features for pollutant removal performance of those roadways. Only the portion of the associated drainage basin passing runoff through these swales was modeled in SLAMM as contributing to the swales. Infiltration rates used in the modeling for the swale treatment were one-half of the rates associated with the soils found within these areas to meet the dynamic performance criteria desired by the DNR. This approach provides results which we feel are overly conservative, but which meets the DNR guidance documents for this type of modeling.

It should also be noted that the Village had a fair number of dry detention ponds in place prior to October of 2004 (see attached table listing these BMPs), particularly in the commercial/industrial areas. These on-site systems provide significant TSS removal. The on-site dry-pond systems were modeled in SLAMM as vegetated swales, with swale widths set at six feet and swale lengths dependant on the pond surface area relative to the six foot width. This was judged to be a conservative approach to estimating the performance of these dry-ponds. In this way, at least some of the benefits of these BMP systems could be included in the Village's TSS removal evaluations.

- ◆ Streambank Stabilization - The Village has been very active in stabilizing critical streambanks in Bellevue. Past projects include areas within both the Willow Creek and Bower Creek stream systems and their tributaries. The attached map shows the Village's streambank stabilization program.
- ◆ Street sweeping – As previously stated, the Village has a street sweeping program in place. The regularly scheduled passes include sweeping every street within the modeled area at least twice per year. In addition, the Village requires extra sweeping in areas of intense construction activity if needed. Because the Village uses mechanical street sweepers, the pollutant removal performance is shown by SLAMM to be generally only in the 8% to 10% range.
- ◆ Operations and maintenance programs - Operation and maintenance practices of the Village include inspection and repair of critical erosion sites along streams or steep slopes, and beside bridges, culverts and storm sewer outfalls. These programs rely on observations of inspectors and other Village staff who have been directed to look for areas in need of maintenance and repair. Bellevue residents have proven to be diligent in observing and reporting questionable activities, as well. Grass clippings or leaves piled in the gutter section of roadways are reported by residents for correction with surprising promptness. See Addendum E for more information about Village maintenance efforts.

The current SLAMM modeling input and results accompany this Addendum. An input sheet was developed for each drainage basin tributary to a storm sewer system outfall discharging to a wetland or stream (waters of the state). Aerial photos from early 2005 were used to measure and calculate the various drainage basin parameters used in the SLAMM modeling. These input sheets for the east and west portions of the Village are included in the

accompanying Attachment F-1. A soils map documenting the soils within each drainage basin is included in Attachment F-2, while the SLAMM output for each drainage basin is included in Attachment F-3.

The extensive storm sewer system with curb and gutter and associated lack of vegetated swales, generally heavy soils, intense development within much of the Village, limited stormwater treatment systems, and mechanical street sweeping has resulted in lower pollutant removal performance than desired. The individual drainage system performance ranged generally from 5 to 10 percent for basins with only street sweeping, 15 to 25 percent for basins with vegetated swale treatment, and 60 to 85 percent for basins with pond treatment. Tables F-1 and F-2 summarize the results of the SLAMM modeling for each drainage basin within the east and west sections of the Village, respectively. Table F-3 summarizes the results of each section and shows the overall totals for the Village. The total pollutant removal for the Village, as shown on Table F-3 is 372,674 pounds per year which equates to a removal performance of 17.2%.

In order to meet the required 20% removal mandated by NR 151, the Village will be upgrading their street sweeping program starting in spring of 2009. The Village has purchased a high efficiency vacuum street sweeper (see Attachment F-4 for details about this new equipment) and will increase the frequency of passes from twice per year to twice per month. Based on a street sweeping sensitivity analysis completed to determine expected performance improvements (included in Attachment F-5), this upgrade to the Village street sweeping program will improve pollutant removal effectiveness by about 8%. This performance improvement would decrease in basins that have other BMPs at work, but those are few in Bellevue at this time, so an 8% improvement expectation is realistic. As such, the required 20% pollutant removal performance will be readily achieved. Additional study is being completed to determine suitable locations for wet detention ponds and other BMPs to meet the desired 40% removal performance by 2013.

Finally, an additional evaluation was made to meet the current stormwater regulations concerning structural flood control facilities and their potential to remove pollutants from stormwater runoff. There are currently no such facilities within the Village. So, no opportunities exist within the Village to increase pollutant removal through retrofitting structural flood control structures.

GOVERNMENT RESPONSIBILITY RESOLUTION

Resolution V-14-2015
VILLAGE OF BELLEVUE
Governmental Responsibility Resolution
For Runoff Management Grants

WHEREAS, the Village of Bellevue is interested in acquiring a Grant from the Wisconsin Department of Natural Resources for the purpose of implementing measures to control agricultural or urban nonpoint stormwater runoff water 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, Wis. Adm. Code) and

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

THEREFORE, BE IT RESOLVED, that the Village of Bellevue;

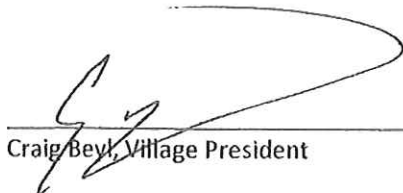
HEREBY AUTHORIZES Angela Gorall, Administrator to act on behalf of the Village of Bellevue to:

- Submit and sign an application to the 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 Village of Bellevue 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 on the 8th day of April, 2015.

I hereby certify that the foregoing Resolution was duly adopted by the Bellevue Village Board at a legal meeting on the 8th day of April, 2015.



Craig Beyl, Village President

ATTEST:



Karen M. Simons, Village Clerk