

**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

Village of Kewaskum - Storm Water Management Plan

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

Kewaskum, Village

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

Matt Heiser

Matt Heiser

Title      Title

Village of Kewaskum Administrator

Village of Kewaskum Administrator

Area Code + Phone Number      Area Code + Phone Number

(262) 626-8484

(262) 626-8484

E-Mail Address      E-Mail Address

mheiser@village.kewaskum.wi.us

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

204 First Street

204 First Street

City      State      ZIP Code      City      State      ZIP Code

Kewaskum

WI

53040

Kewaskum

WI

53040

**Project Information**

**A. Location of Project**

County      [State Senate District number:](#)      [State Assembly District number:](#)  
 Washington      20      59

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)
Kewaskum, Village of	12 N	19	E	9			43.5203	-88.2311
Kewaskum, Village of	13 N	19	E	31	SE	SW	43.5448	-88.2682
	N							

Method for Determining Latitude & Longitude (check one)

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

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

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

For this project the Village of Kewaskum will create a Storm water Management Plan, including an in-depth assessment of the plan's alternative analysis and recommendations. The Village has been included in the WPDES General MS4 permit. The Village is located within the impending Milwaukee River TMDL watershed. The Storm Water Management Plan will require an extensive level of effort to be in compliance with WPDES permit and TMDL standards. This effort will include development of adequate storm water system maps, water quality modeling following TMDL modeling guidance, and alternative analysis to meet TMDL requirements. Therefore, the Village of Kewaskum is requesting assistance to create a Storm Water Management Plan and water quality model.

The Village will work with the Department to analyze the pollutant removal effectiveness of the existing best management practices, analysis of alternative best management practices (including pollutant trading and adaptive management), including a summary of constructibility and regulatory concerns, culminating in the selection of a recommended plan allowing the Village to comply with the WPDES permit and impending TMDL requirements. Also included is a completion of a financial analysis to determine the approximate impact the recommendations would have on the Village's residents.

The Village also intends to assist in a series of meetings with their neighboring communities to assess the feasibility of pollutant trading and/or adaptive management as a TMDL compliance tool.

The work will also include updating of the Village's Storm Water Ordinance to comply with the recent NR 151 changes. The Village will prepare individual storm water pollution prevention plans for their municipal sites and create an illicit discharge inspection protocol.

**C. Watershed, Waterbody and Pollutants** (see [Attachment A](#) and <http://dnrm.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 and West Branches Milwaukee River	MI06	040400030207	7	Milwaukee River
East and West Branches Milwaukee River	MI06	040400030206	93	East Branch Milwaukee River

Nonpoint Source Pollutant(s) Controlled by the Project

Nutrients     Sediment     Other, specify: Bacteria

**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.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
Maureen McBroom	03/27/2015	General Grant Discussion

- 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.](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.

The Village of Kewaskum intends to analyze pollutant trading and adaptive management as potential TMDL compliance strategies. Local municipalities and their respective consulting engineers in Washington County and within the Milwaukee River TMDL have entered into a memorandum of understanding to review watershed-wide water resource strategies with the goal of improving water quality and complying with the TMDL requirements at the lowest possible cost.

**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
<b>Basic Milestones</b>		
Prepare preliminary scope of services and discuss with DNR NPS Coordinator	01/2016	Consultant, Village Staff
Prepare Request for Proposal	02/2016	Village Staff
Select Consultant	03/2016	Village Staff, Village Board
Finalize Scope of Service and Professional Services Contract	04/2016	Consultant, Village Staff
Get DNR approval of Professional Services Contract	05/2016	Village Staff
Hold "kick-off" meeting	06/2016	Consultant, Village Staff, DNR
Interim meeting with DNR	11/2016 & 04/2017	Consultant, Village Staff, DNR
Presentation to Municipal Council	10/2016	Consultant, Village Staff, Village Board
Submit project and final report to DNR	10/2016	Consultant, Village Staff, DNR

**Additional Milestones** (list below)

In-Field Swale Infiltration Testing	09/2016	Consultant
Ordinance Updates	12/2016	Consultant, Village Staff
Develop Pollution Prevention Plans for Municipally Owned Properties	12/2016	Consultant, Village Staff
Determine Illicit Discharge Inspection Protocol	12/2016	Consultant, Village Staff
Water Quality Calculations Following TMDL Guidance	05/2017	Consultant
Develop Cost Estimates and Constructibility / Regulatory Concerns of Alternatives	07/2017	Consultant
Review Feasibility of Trading / Adaptive Management	08/2017	Consultant, Village Staff
Develop Recommended Plan to Comply with TMDL Requirements	09/2017	Consultant

**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 (\$)

Project Management and Grant Administration	1,008	1,008
Kickoff Meeting and 2 Interim Meetings	3,016	3,016
Gather Planning Data	1,369	1,369
In-Field Swale Infiltration Testing	3,564	3,564
Develop Drainage Area, Land Use and Contributing Area Maps	6,356	6,356
Identify Discharges to Impaired Water Bodies	384	384
MS4 System Map	1,936	1,936
Water Quality Calculations Following TMDL Guidance	37,972	37,972
Develop Conceptual Alternatives to Improve Water Quality	3,168	3,168
Model Proposed Alternatives	9,096	9,096
Develop Cost Estimates and Constructability / Regulatory Concerns of Alternatives	3,052	3,052
Create Conceptual Exhibits for Alternatives	5,040	5,040
Review Feasibility of Trading / Adaptive Management	3,744	3,744
Develop Recommended Plan to Comply with TMDL Requirements	6,704	6,704
Review Funding Alternatives	2,172	2,172
Summary Report	11,120	11,120
Ordinance Updates	4,364	4,364
Develop Pollution Prevention Plans for Municipally Owned Properties	4,532	4,532
Determine Illicit Discharge Inspection Protocol	1,728	1,728
Develop BMP Maintenance Ordinance and Maintenance Guidance Documents	6,076	6,076
Neighboring Community Meetings (3)	2,224	2,224
Final Presentation to Board	2,248	2,248
Reimbursable Costs	500	500
<b>1. Total</b>	<b>121,373</b>	<b>121,373</b>

**B.1. (continued) Cost Sharing Worksheet**

**Eligible Costs:**

2. 70% of Column C Total Row 1 above	\$	84,961
Cap Test:		
3. Maximum State Share Row 2 or \$85,000, whichever is less	\$	84,961
State and Local Share:		
4. Requested State Share Amount (Enter Requested Grant Amount)		84,961
5. Local Share Amount (Total of Row 1 Column B less Row 4)	\$	36,412

**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.

Cost estimates were based on a draft scope of services for this project and compared against similar water quality studies that have been performed for similar-sized communities in southeast and south central Wisconsin within the last 3 years. Comparisons were made from studies completed by several different consulting engineers and cross checked on a cost per acre basis. Please see the attached scope of services for a detailed breakdown of the cost estimate.

Identify the source of the local share:

Funding for this project will be included in the Village's 2016 budget. Please see the attached letter from Village of Kewaskum Administrator Matt Heiser dated April 10, 2015.

**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:

Tracking of the storm water management plan alternative recommendations will take place for 2 years after completion of the planning project to provide evidence of progress toward adoption, utilization, or construction of those recommendations. Tracking information will be included as part of the Village's annual MS4 report. A more detailed strategy will be provided with the final planning product.

Project Evaluation Strategy - Village Staff will complete annual updates to the DNR Staff which will include summaries of plan implementation, the status of any water quality BMPs under design or construction and any updates to the planning document. Additionally, the Village will provide the DNR with any monitoring data for any recommended projects that are constructed.

**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><b>A. Clean Water Act section 303(d) List of Impaired Waters</b>            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 <a href="#">Attachment A</a> and <a href="http://dnrm.wi.gov/SL/?Viewer=SWDV">http://dnrm.wi.gov/SL/?Viewer=SWDV</a>).</p>

		<p><b>Name of Applicable Impaired Water:</b> Milwaukee River</p> <hr/> <p><b>Name of Pollutant Causing Impairment:</b> Sediment, Phosphorus, Pathogens</p> <hr/>
<input type="checkbox"/>		<p><b>B. Outstanding or Exceptional Resource Waters or Other Areas of Special Natural Resource Interest</b> 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 see <a href="#">Attachment A</a> and go to DNR's Surface Water Data Viewer Designated Waters Theme at <a href="http://dnrmaps.wi.gov/SL/Viewer.html?Viewer=SWDV&amp;runWorkflow=DesignatedWaters">http://dnrmaps.wi.gov/SL/Viewer.html?Viewer=SWDV&amp;runWorkflow=DesignatedWaters</a>.</p> <p><b>Name of Applicable ORW/ERW or ASNRI:</b></p> <hr/>
<input type="checkbox"/>		<p><b>C. Not Fully Supporting Uses or NPS Ranking of High or Medium</b> 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><b>D. Surface Water Quality</b> Prevention of degradation of surface water quality due to nonpoint sources</p>
<p><b>Groundwater Considerations</b> For assistance with this section, please consult the DNR District Drinking Water and Groundwater Specialist at: <a href="http://dnr.wi.gov/topic/drinkingWater/documents/CountyContacts.pdf">http://dnr.wi.gov/topic/drinkingWater/documents/CountyContacts.pdf</a> or the County Extension office.</p>		
<input type="checkbox"/>		<p><b>E. Exceeds Groundwater Enforcement Standard</b> Groundwater within the project area where representative information indicates that stormwater pollutants in groundwater exceed the Enforcement Standard (ES).</p>
<input type="checkbox"/>		<p><b>F. Exceeds Groundwater Preventive Action Limit</b> Groundwater within the project area where representative information indicates that storm water pollutants in groundwater exceed the Preventative Action Limit (PAL).</p>
<input type="checkbox"/>		<p><b>G. Groundwater Quality</b> (see <a href="#">Attachment F</a>) The project area is within a geological area defined in Attachment F as susceptible to groundwater contamination.</p>
<b>Total:</b>		
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/NPSCContacts.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 checked="" type="checkbox"/> Milwaukee River	100
<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 type="checkbox"/> Lake Winnebago	[ ]

**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:
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;  
 Funding for this project will be included in the Village's 2015 budget. Please see the attached letter from Village of Kewaskum Administrator Matt Heiser dated April 10, 2015.

**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.

[http://www.sewrpc.org/SEWRPCFiles/Publications/pr/pr-050\\_part-1\\_water\\_quality\\_plan\\_for\\_greater\\_mke\\_watersheds.pdf](http://www.sewrpc.org/SEWRPCFiles/Publications/pr/pr-050_part-1_water_quality_plan_for_greater_mke_watersheds.pdf)  
Pages 588-564

The identified URL directs the reader to the following document, "A Regional Water Quality Management Plan Update For the Greater Milwaukee Watersheds". This document was drafted by SEWRPC and amended in May of 2013. This proposed project is intended to update the status of water quality in the surrounding communities and update appropriate ordinances. As part of the planning process funded through this grant, the recommendations within this previous effort will be updated to comply with the Village's current water quality goals. Other types of best management practices, facilities and locations will be analyzed with the goal of refining the recommendations of the previous plan to determine the most effective locations to allow the Village to meet the requirements of the TMDL analysis.

#### **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).
- 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).
- 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.

Project Name:

Village of Kewaskum - Storm Water Management Plan

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

Form 8700-299A (R 1/15)

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**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.

With the recent approval of the WPDES General MS4 Permit and the impending Milwaukee River TMDL the need for an adequate Storm water Management Plan has become even more apparent for the Village of Kewaskum. With the help of the WDNR and use of funding through this grant the Village of Kewaskum will be able to comply with the WPDES permit and TMDL requirements for the entire Village which occurs in the Milwaukee River TMDL watershed.

**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

*Matt Heiser*

*April 15, 2015*

Name (Please Print)

Matt Heiser

Title

Village of Kewaskum 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

Project Name:

Village of Kewaskum - Storm Water Management Plan

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

Form 8700-299A (R 1/15)

Page 12 of 19

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

Thank you.

**RESOLUTION NO. 2015-04  
VILLAGE OF KEWASKUM  
WASHINGTON COUNTY, WISCONSIN**

**A RESOLUTION FOR RUN-OFF MANAGEMENT GRANTS**

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

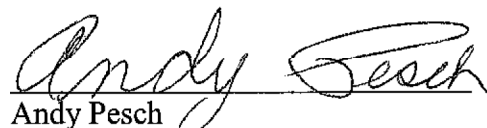
WHEREAS, a cost-sharing grant is required to carry out the project;

NOW THEREFORE, BE IT RESOLVED that the Village of Kewaskum hereby authorizes the Village Administrator to act on behalf of the Village of Kewaskum to:

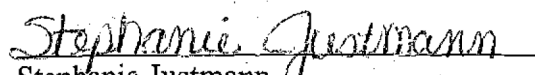
- ❖ Submit and sign an application to the State of Wisconsin Department of Natural Resources for any financial aid that may be available;
- ❖ Sign a grant agreement between the local government (Village) and the Department of Natural Resources;
- ❖ Submit reimbursement claims along with necessary supporting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

BE IT FURTHER RESOLVED that the Village of Kewaskum 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 and approved this 6<sup>th</sup> day of April, 2015, by the Kewaskum Village Board.

  
Andy Pesch  
Village President

I hereby certify that the foregoing resolution was duly adopted by the Village Board of the Village of Kewaskum at a legal meeting on the 6<sup>th</sup> day of April, 2015.

  
Stephanie Justmann  
Clerk/Deputy Treasurer

# Storm Water Management Plan -- UNPS Grant Application

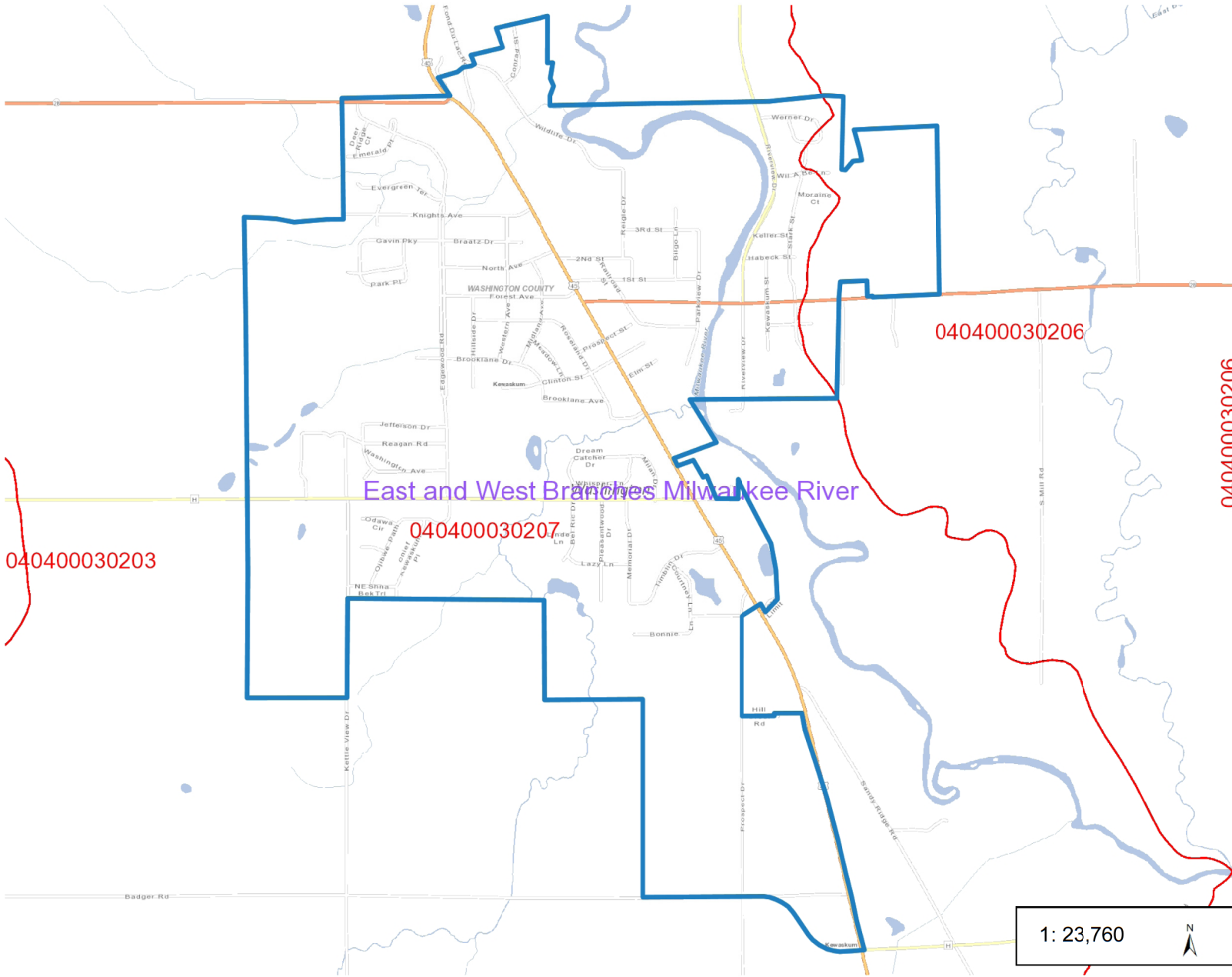
## Village of Kewaskum

Estimated Ruekert/Mielke Level of Effort -- April 13, 2015

Task	Task Description	Employee Hours by Classification (2016-2017 Est. Rates)								Total
		Eng 2	Eng 4	Eng 7	GIS Analyst	GIS Tech	Eng Tech 1	Eng Tech 2	AA	
		\$105	\$130	\$168	\$153	\$124	\$86	\$96	\$68	
1	Project Management and Grant Administration			6						\$1,008.00
2	Kickoff Meeting and 2 Interim Meetings			12				9	2	\$3,016.00
3	Gather Planning Data	1				4		8		\$1,369.00
4	In-Field Swale Infiltration Testing	12						24		\$3,564.00
5	Develop Drainage Area, Land Use and Contributing Area Maps	4	4	4	8	16		16		\$6,356.00
6	Identify Discharges to Impaired Water Bodies							4		\$384.00
7	MS4 System Map			4		4		8		\$1,936.00
8	Water Quality Calculations Following TMDL Guidance			48	12			92	210	\$37,972.00
9	Develop Conceptual Alternatives to Improve Water Quality			12				12		\$3,168.00
10	Model Proposed Alternatives			16			12	56		\$9,096.00
11	Develop Cost Estimates and Constructability / Regulatory Concerns of Alts	4	4	8				8		\$3,052.00
12	Create Conceptual Exhibits for Alternatives			4			24	24		\$5,040.00
13	Review Feasibility of Trading / Adaptive Management			20				4		\$3,744.00
14	Develop Recommended Plan to Comply with TMDL Requirements		8	20				24		\$6,704.00
15	Review Funding Alternatives		6	6				4		\$2,172.00
16	Summary Report		16	30			16	16	16	\$11,120.00
17	Ordinance Updates	4	4	12				9	8	\$4,364.00
18	Develop Pollution Prevention Plans for Municipally Owned Properties	12	4	4				16	8	\$4,532.00
19	Determine Illicit Discharge Inspection Protocol			8				4		\$1,728.00
20	Develop BMP Maintenance Ordinance and Maintenance Guidance Documents	4	12	12				16	8	\$6,076.00
21	Neighboring Community Meetings (3)			9				6	2	\$2,224.00
22	Final Presentation to Board		4	8				4		\$2,248.00
23	Reimbursable Costs									\$500.00
	<i>Subtotal</i>	<i>41</i>	<i>62</i>	<i>243</i>	<i>20</i>	<i>24</i>	<i>144</i>	<i>482</i>	<i>44</i>	<i>\$121,373.00</i>
	<b>Total Cost</b>									<b>\$121,373.00</b>



# Surface Water Data Viewer Map



**Legend**

- Watersheds
- 12-digit HUCs (Subwatersheds)

**Cities, Towns & Villages**

- City
- Village
- Civil Town

- Rivers and Streams
- Open Water

040400030203

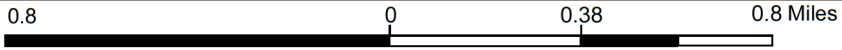
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040400030206

East and West Branches Milwaukee River

1: 23,760



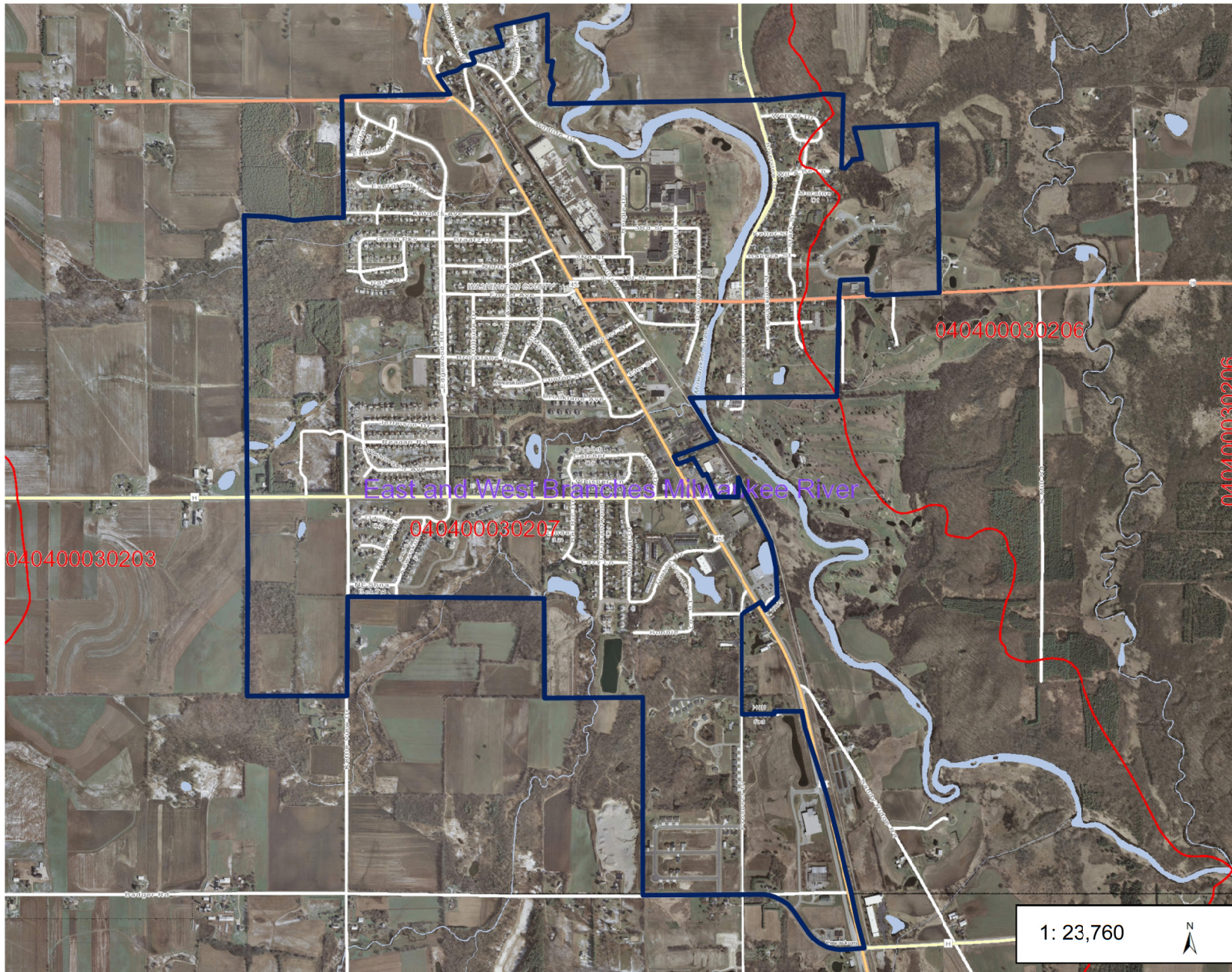
NAD\_1983\_HARN\_Wisconsin\_TM  
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**Notes**  
Village of Kewaskum - DNR UNPS Planning Grant



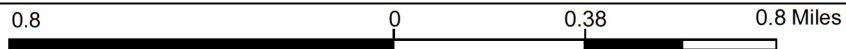
# Surface Water Data Viewer Map



## Legend

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

1: 23,760



NAD\_1983\_HARN\_Wisconsin\_TM  
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## Notes

Village of Kewaskum - DNR UNPS  
Planning Grant



Matt Heiser  
Village Administrator  
Phone: 262-626-8484  
Fax: 262-626-4909  
Email: [info@village.kewaskum.wi.us](mailto:info@village.kewaskum.wi.us)



Municipal Building  
204 First Street  
P.O. Box 38  
Kewaskum, WI 53040  
[www.village.kewaskum.wi.us](http://www.village.kewaskum.wi.us)

April 10, 2015

Maureen McBroom  
Wisconsin Department of Natural Resources  
Waukesha, WI 53188

RE: Village of Kewaskum Urban Nonpoint Source Water Quality Grant

Dear Ms. McBroom,

The Village of Kewaskum is committed to protecting the diverse array of natural resource features located within the Village's borders. The Village recently authorized the submittal of a DNR Urban Nonpoint Source and Storm Water Planning Grant Application. The purpose of the application is to seek financial assistance to create the Village's Storm Water Management Plan, updates its ordinances, and demonstrate compliance with the requirement of the Municipal Separate Storm Sewer System (MS4) permit.

The Village is committed to funding the planning grant and staff will recommend including the local-share portion in its proposed 2016 budget.

Thank you for your consideration of our application. Please feel free to contact me with any questions.

Sincerely,

Matt Heiser  
Village of Kewaskum Administrator



1845 N. Farwell Avenue • Suite 100 • Milwaukee, WI 53202  
ph 414.287.0207 • fax 414.273.7293 • milwaukeeriverkeeper.org

April 10, 2015

Andy Pesch  
Village President  
Village of Kewaskum  
204 First Street  
PO Box 38  
Kewaskum, WI 53040

**RE: Support for Village of Kewaskum's Urban Non Point Source and Stormwater Management Grant**

Dear Mr. Pesch:

On behalf of Milwaukee Riverkeeper, I am writing this letter to indicate our support for the Village of Kewaskum's grant application to the Urban Non Point Source and Stormwater Management Grant program, which offers competitive grants to local governments for planning and implementation of projects addressing stormwater runoff to waterways. It is our understanding that the Village is starting the process to comply with provisions of NR216, requiring a Municipal Separate Storm Sewer System (MS4) permit from Wisconsin DNR due to increases in population as documented in the recent census. This process includes development of a stormwater management plan, public education and outreach, improving stormwater infrastructure, monitoring efforts, and reporting.

Improving public awareness and management of storm water quality in the Village is critical to continuing to advance improving water quality and aquatic habitat in the Milwaukee River as your Village grows. To that end, we'd be happy to offer our assistance to help with public outreach and educational efforts as well as to assist with monitoring of water quality, as resources allow. We appreciate your ongoing support of our spring river cleanup, and hope to partner in the future on additional efforts to connect residents to our local rivers and inspire stewardship efforts.

On behalf of Milwaukee Riverkeeper, we support and endorse the Village of Kewaskum's efforts to conduct stormwater management planning, to ensure the Village meets the required elements of State law. We urge WDNR to fund this proposal, which will help the Village accomplish our collective goals to reduce stormwater runoff and improve water quality in the Milwaukee River Watershed.

Sincerely,



Cheryl Nenn  
Riverkeeper



PO Box 300  
Kewaskum, WI 50304  
(262) 626-3336  
www.kewaskum.org  
info@kewaskum.org

April 8, 2015

Village President Andy Pesch  
204 First Street  
PO Box 38  
Kewaskum, WI 53040

Re: Urban Non-Point Source and Storm Water Management Planning Grant Application

Dear President Pesch,

On behalf of the Kewaskum Area Chamber of Commerce, I am writing in support of the Village of Kewaskum's grant application to create a plan that addresses storm water quality. Clean water and the conditions of the Milwaukee River running through our community is a high priority to our members and a major feature that draws visitors to the Village. The Village of Kewaskum has already shown their commitment to our natural resources by their street sweeping efforts and leaf collection efforts that prevent foreign materials from getting flushed into the storm water system.

I am glad to hear that the Village is seeking a grant to offset some of the cost to comply with the Municipal Separate Storm Sewer System (MS4) permit requirements of the Wisconsin DNR. With the limited economic resources available to Wisconsin communities and the relationship between our members and local government it is difficult to fund critical efforts like this. The Chamber is excited to hear that improving water quality is being addressed by this grant application and is happy to lend our support to their efforts.

Sincerely,

A handwritten signature in red ink that reads "Kristy Vogt". The signature is written in a cursive style.

Kristy Vogt  
Board President  
Kewaskum Area Chamber of Commerce