

**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

St. Francis City-Wide Stormwater Quality Management Plan Update

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

St. Francis, City

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

Melinda Dejewski      same

Title      Title

Director of Public Works/City Engineer

Area Code + Phone Number      Area Code + Phone Number

(414) 316-4316

E-Mail Address      E-Mail Address

melinda.dejewski@stfranwi.org

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

3400 East Howard Ave

City	State	ZIP Code	City	State	ZIP Code
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St. Francis	WI	53235		WI	
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**Project Information**

**A. Location of Project**

County	<u>State Senate District number:</u>	<u>State Assembly District number:</u>
Milwaukee	7	20

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)
St. Francis, City of	06 N	22	E				42.9716	-87.8731
	N							
	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.

In September 2005 the City completed a stormwater pollution modeling analysis using WinSLAMM. That analysis was updated in 2008 and determined that the City of St. Francis needed to implement additional water quality controls. Since then, the WDNR has implemented new policies and procedures for the stormwater pollution analysis under the WDNR MS4 permit.

In addition, the City of St. Francis has an area of the City that is tributary to the Kinnickinnic River which is part of the Milwaukee River Basin with a Total Maximum Daily Load (TMDL) analysis currently underway and anticipated for release in 2015. Stormwater discharges from that area of the City will be assigned a Waste Load Allocation (WLA) for sediment and phosphorus.

The City will utilize WinSLAMM to update the pollution loading on a city-wide basis for the WDNR MS4 permit requirement based on the most recent WDNR guidance. Also, a city-wide analysis will be conducted to evaluate the City's pollution loading for purposes of comparison with the WLAs being developed for the Kinnickinnic River TMDL following the WDR guidance released in 2014.

Additional best management practices will be evaluated to further reduce pollutant loads city-wide. Cost estimates will be developed for potential practices and they will be ranked in a matrix that considers a variety of factors including cost, cost effectiveness, land ownership, maintenance, and other criteria.

Additionally, a number of City ordinances require review and update including the City's erosion control, post construction stormwater management, and illicit discharge prohibition language. (A detailed scope of services is attached to this application.)

**C. Watershed, Waterbody and Pollutants** (see [Attachment A](#) and <http://dnrmw.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
Kinnickinnic River	MI01	040400020101	85	Lake Michigan
Kinnickinnic River	MI01	040400030501	15	Wilson Park Creek

Nonpoint Source Pollutant(s) Controlled by the Project

Nutrients     Sediment     Other, specify:

**Part I. Screening Requirements**

**A. Maps and Photographs**

Yes

- An 8.5" x 11" map from the DNR data/map viewers, showing the project area, is attached (link to <http://dnrmw.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
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Name of the District Nonpoint Source Coordinator Contacted	Date Contacted	Subject of Contact
Jamie Lambert	04/02/2015	Review of proposed grant application and discussion of specific grant questions
Pete Wood	04/02/2015	Municipal budget question for application
Maureen McBroom	04/07/2015	Groundwater and drinking-water clarifications

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 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

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

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

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

**OR**

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

### E. Comprehensive Storm Water Information and Education Program

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

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

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

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

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

**Question 2. Fiscal Accountability**

**A. Timeline and Source of Staff**  
 For each applicable milestone listed below, fill in the appropriate data.

Milestone	Target Completion Date (month/year)	Source(s) of Staff
<b>Basic Milestones</b>		
Prepare preliminary scope of services and discuss with DNR NPS Coordinator	01/2016	City Staff
Prepare Request for Proposal	02/2016	City Staff
Select Consultant	03/2016	City Staff
Finalize Scope of Service and Professional Services Contract	04/2016	City Staff and Consultant
Get DNR approval of Professional Services Contract	04/2016	City Staff and WDNR
Hold "kick-off" meeting	05/2016	City Staff and Consultant
Interim meeting with DNR	12/2016	City Staff, WDNR, and Consultant
Presentation to Municipal Council	05/2017	City Staff and Consultant
Submit project and final report to DNR	07/2017	City Staff and Consultant

**Additional Milestones** (list below)

Model MS4 No-controls Loads	07/2016	Consultant
Model TMDL No-controls Loads	08/2016	Consultant
Model Existing MS4 Loads	10/2016	Consultant
Model Existing TMDL Loads	11/2016	Consultant
Evaluate new BMPs, cost, funding, and schedule	04/2017	Consultant and City Staff
Prepare Report	07/2017	Consultant and City Staff
Erosion Control, Post-Construction and Illicit Discharge Ordinance Updates	07/2016	Consultant and City Staff

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

**B.1. Financial Budget Table - Planning Activities**

A	B	C
Project Activity for Which DNR Funding is Requested Use this space, not an attachment.	Estimated Total Cost (\$)	Amount from Column B Eligible for DNR Cost Sharing (\$)
Develop Updated MS4 no-controls loadings	10,000	10,000
Develop TMDL no-controls loadings	4,000	4,000
Develop updated MS4 existing conditions (with BMP) loadings	9,500	9,500
Develop TMDL existing conditions loadings	3,500	3,500
Evaluate new BMPs, cost, funding, implementation plan	32,000	32,000

Prepare Report	14,000	14,000
Review and update ordinances	12,500	12,500
Meetings and Council Presentations	12,500	12,500
<b>1. Total</b>	<b>98,000</b>	<b>98,000</b>

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

**Eligible Costs:**

2. 70% of Column C Total Row 1 above	\$	68,600
<b>Cap Test:</b>		
3. Maximum State Share Row 2 or \$85,000, whichever is less	\$	68,600
<b>State and Local Share:</b>		
4. Requested State Share Amount (Enter Requested Grant Amount)		65,000
5. Local Share Amount (Total of Row 1 Column B less Row 4)	\$	33,000

**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.

Based on consultant experience developing scope of services, cost estimates, and completing other similar stormwater management plan updates and TMDL preparedness evaluations within the past 5-years including the City of Appleton, City of Green Bay, City of Beloit, City of Oshkosh.

Identify the source of the local share:  
 St. Francis Storm Water Utility

**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:  
 Part of WDNR Annual Report

**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"/>	15	<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://dnrmaps.wi.gov/SL/?Viewer=SWDV">http://dnrmaps.wi.gov/SL/?Viewer=SWDV</a>).</p> <p><b>Name of Applicable Impaired Water:</b>                      Wilson Park Creek (Kinnickinnic River)</p> <hr/> <p><b>Name of Pollutant Causing Impairment:</b>                      Sediment and Phosphorus</p>
<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's 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>
<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 checked="" type="checkbox"/>	85	<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/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 checked="" 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:
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;  
As part of the resolution for this grant application, the City is committing to funding this project and will establish a budget appropriate to fund the City's share of this project for 2016 and 2017. The budget will be adopted in Fall of 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.

This project seeks to further the city-wide water quality planning work initiated by the City of St. Francis in 2005 and furthered in 2008. Particularly the need to further evaluate future BMPs. (Stormwater Management Plan, Earth Tech/AECOM July 2005 and St. Francis Storm Water Quality Management Analysis, Earth Tech/AECOM October 2008) Related pages are attached. Additional materials can be made available if requested.

The project is also consistent with the "Nonpoint Source Control Plan for the Kinnickinnic River Priority Watershed Project", WDNR 1994. Select relevant pages are attached.

**B. Supporting Regulations**

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

1. The applicant (applying governmental unit) has regulations in place to administer and enforce construction erosion controls in the governmental unit that are consistent with the non-agricultural performance standards in s. NR 151.11 Include the web site where the regulation can be found (most direct web page URL) and page number(s).  
<http://www.ecode360.com/9202192#9202192> (Chapter 212)

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

2. The applicant (applying governmental unit) has regulations in place to administer and enforce post-construction runoff for areas of new development and redevelopment in the governmental unit consistent with the non-agricultural performance standards in s. NR 151.12.

Include the web site where the regulation can be found (most direct web page URL) and page number(s).  
<http://www.ecode360.com/9204215#9204215> (Chapter 393 - Article 1)

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

### Question 7. City of Racine

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

### Part III. Eligibility for Multipliers

Completion of this part of the application is optional. However, an applicant can increase the final project score by qualifying for a project multiplier.

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

- A. The governmental unit is implementing a pollution prevention information and education program targeted for property owners and other residents.
- B. The governmental unit is tracking storm water permitting activity (construction and post-construction) in the governmental unit and can make summary information available to the DNR upon request.
- N/A
- C. The governmental unit is implementing a nutrient management plan for municipally-owned properties of pervious area where nutrients are applied.

### Optional Additional Information

Carefully review the answers to all of the questions above. Is there additional information that will add to the understanding of this project? If so, describe here.

Previous planning efforts have focused on TSS per the NR 216 stormwater discharge permit requirement and NR 151 performance standards and the City needs to continue to implement additional water quality measures in the City to meet current pollution reduction requirements. Additionally, TMDLs are currently under development for the Milwaukee River Basin which will impact a portion of the City of St. Francis. While the final wasteload allocations are not available at the time of this grant application, the City of St. Francis is attempting to be proactive in preparing for the reality that new water quality targets for TSS and TP will be developed as a part of that study.

### 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

Name (Please Print)  
Melinda Dejewski

Title  
Director of Public Works/City Engineer

- 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

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

Thank you.

We appreciate how the grant application form has become more user friendly over the last several years, allowing for cut and paste and edit features that were not previously available. Links within the form also assist in the timely location of relevant data. We have no other comments to offer at this time. Thank you.

## **Addendum to Application**

## **Project Information**

### **A. Location of Project**

- The City of St. Francis is located across multiple sections within Township 06N and Range 22E. The City is within sections: 14, 15, 21-24. No Quarter or Quarter-Quarter is given because of the large extent of the project.

## Part II. Competitive Elements

### Question 4: Water Quality Needs

- Impaired waters are only listed on application if the 303(d) impairment is a traditional non-point source pollutant where estimating loading and BMP reductions is possible. For this reason, it is possible that impairments such as fecal coliform or E. Coli are not listed even if a contribution to loading of the impairment could be due to storm water runoff (i.e. pet waste contributing fecal coliform and E. coli levels). In addition, current WinSLAMM files for Wisconsin do not have reliable data sets for E. coli or fecal coliform. Therefore, the City-wide Storm Water Quality Management Plan will not attempt to estimate E. coli, fecal coliform or other pollutant loading which is not considered a traditional non-point pollutant.

## **Appendix A - Figures**

**Figure 1:** Part I. Screening Requirements: Location Map

**Figure 2:** Part I. Screening Requirements: Aerial Map

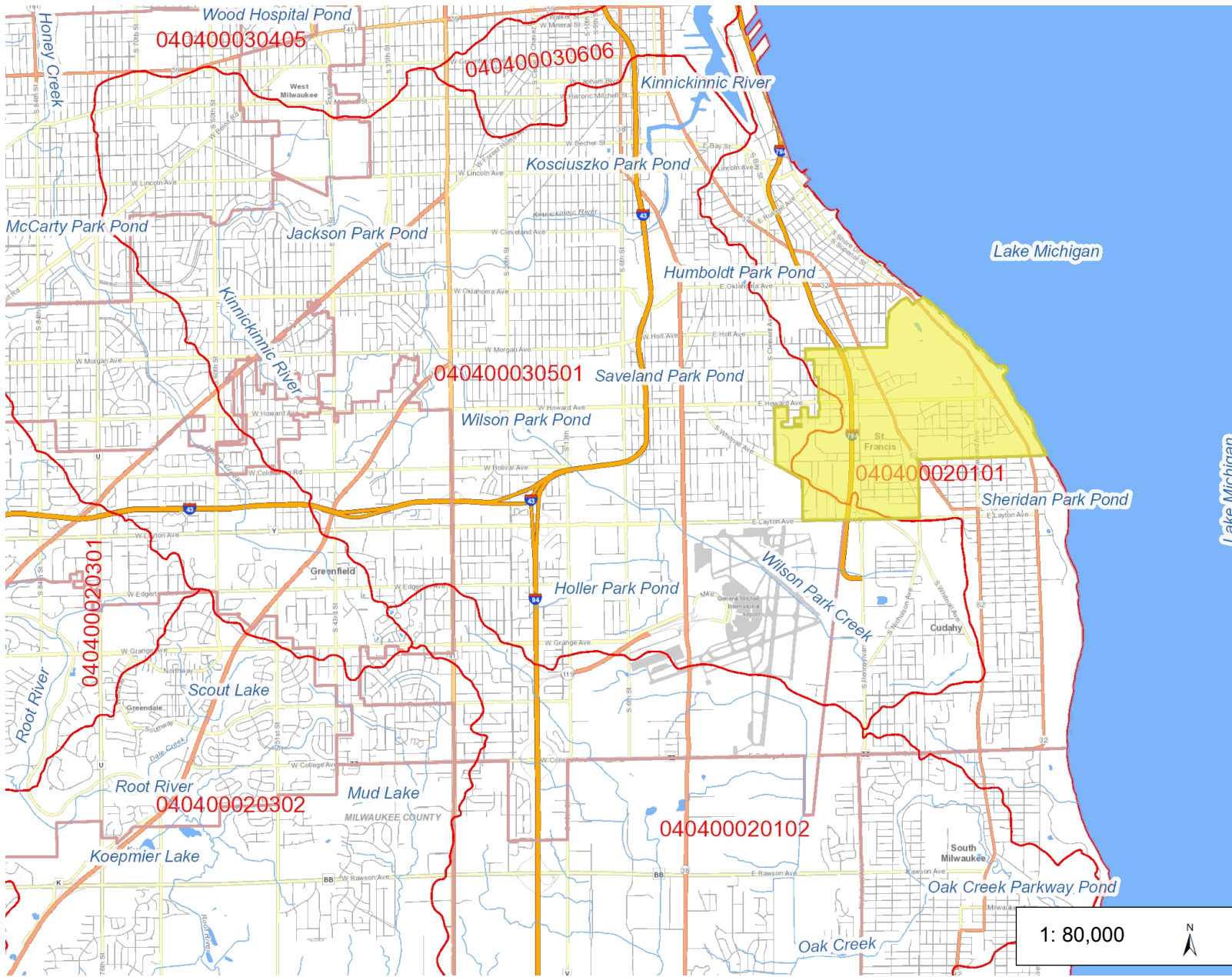


**Figure 1**

Part I. Screening Requirements: Location Map



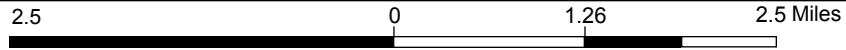
# St. Francis City-Wide Stormwater Quality Management Plan Update



**Legend**

- Lakes
- Rivers & Streams
- 12-digit HUCs (Subwatersheds)
- Cities, Towns & Villages
- City
- Village
- Civil Town
- Rivers and Streams
- Open Water

1: 80,000



NAD\_1983\_HARN\_Wisconsin\_TM  
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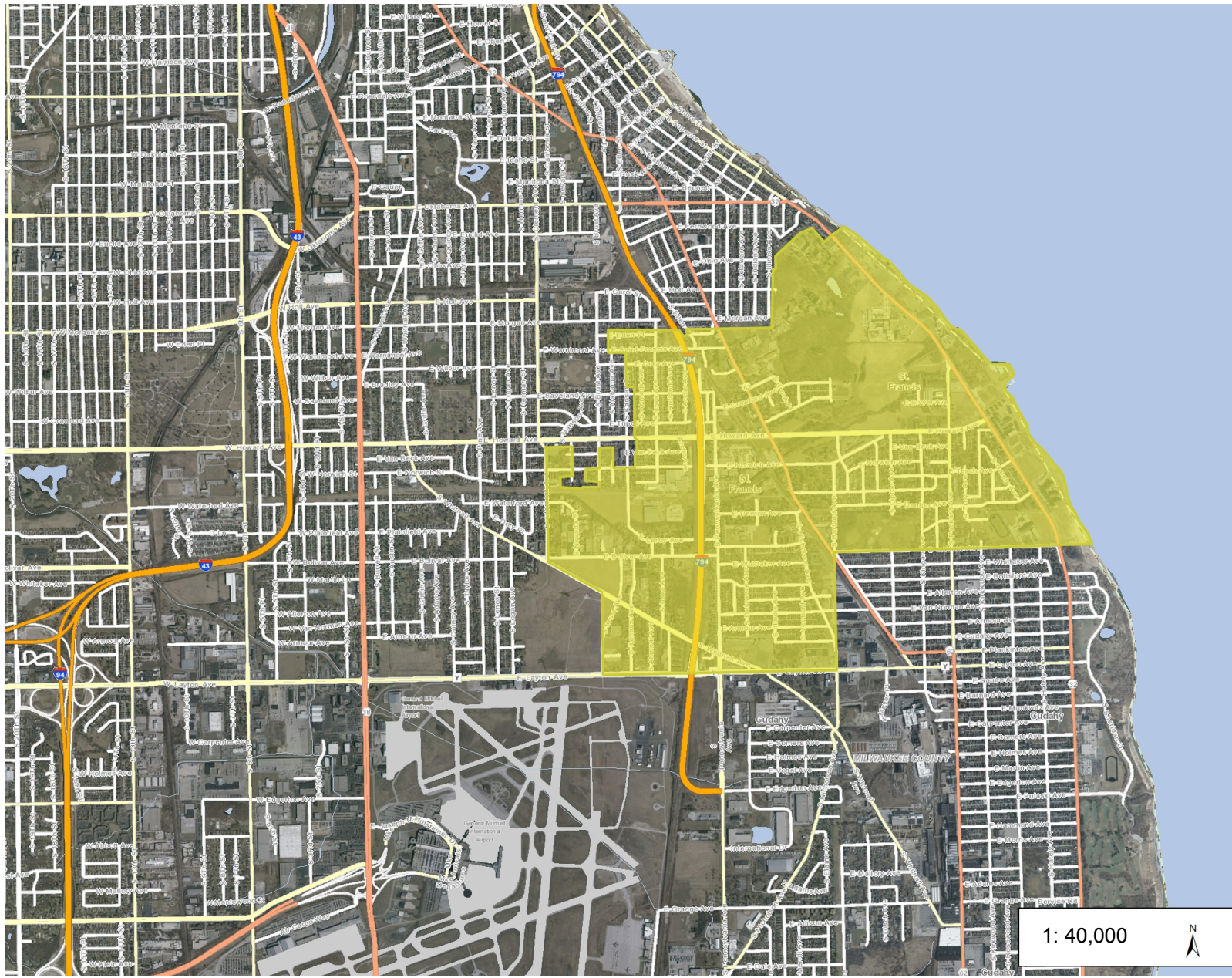
**Notes**

**Figure 2**




Part I. Screening Requirements: Aerial Map




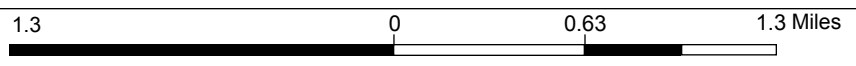
# St. Francis City-Wide Stormwater Quality Management Plan Update



### Legend

-  Rivers and Streams
-  Open Water
-  2010 Air Photos (WROC)

1: 40,000 



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### Notes

## **Appendix B - Supporting Documentation**

**B-1** Project Summary and Description: Detailed Scope of Services

**B-2** Part II. Competitive Elements, Question 5B: Local Support (Citizen Groups, Committees and Councils)

**B-3** Part II. Competitive Elements, Question 6A: Consistency with Resource Management Plans, Pertinent Pages from Reports

**B-4** Government Responsibility Resolution

## **Appendix B-1**

### **Project Summary and Description: Detailed Scope of Services**

## A. BACKGROUND

Stormwater pollution from the City of St. Francis's stormwater conveyance system is regulated under a Wisconsin Department of Natural Resources (WDNR) permit (known as the WDNR MS4 permit). The permit requires the City calculate the quantity of stormwater pollution (sediment as TSS and Total Phosphorus) from the City's system under: "base" or "no-controls" and "existing" or "with controls" conditions as described below.

In July 2005 the City completed a stormwater pollution modeling analysis using WinSLAMM. That study was updated in October 2008 and the analysis determined that the City of St. Francis needed to implement additional water quality best management practices. Since then, the WDNR has implemented new policies and procedures for the stormwater pollution analysis under the WDNR MS4 permit.

Another factor impacting stormwater pollution requirements for the City of St. Francis is the Milwaukee River Basin Total Maximum Daily Load (TMDL) Analysis which is currently under development and anticipated for release in 2015. Stormwater discharges from areas of the City tributary to the Kinnickinnic River will be assigned a Waste Load Allocation (WLA) for sediment and phosphorus.

The City will utilize WinSLAMM to update the pollution loading for the WDNR MS4 permit requirement based on the most recent WDNR guidance. Also, an analysis will be conducted to evaluate the City's pollution loading for purposes of comparison with the WLAs being developed for the Milwaukee River TMDL.

Additional best management practices will be evaluated to further reduce pollutant loads city-wide.

Additionally, the City's erosion control and post construction stormwater management ordinances need to be updated to align with current state statues. Illicit discharge prohibitions and ordinance language will also be reviewed for potential improvements.

The tasks below alternate between the work to be conducted for the WDNR MS4 permit and the work to be conducted for the TMDL analysis. Although the scope language separates the two analyses, the two analyses are intertwined and data from all tasks will be used interchangeably.

## B. TASKS

*Task 1.0 Re-establish WDNR MS4 permit No-Controls (Base) Load using Most Recent WDNR Guidance*

### 1.1 Review GIS data per WDNR Guidance

Consultant will compare the Analyzed Area in the most recent 2008 study to the guidelines in the existing WDNR guidance and modify where needed. Consultant will rely on City staff review of data to aid in the process.

City of St. Francis  
 Stormwater Pollution Modeling Update for WDNR MS4 permit and TMDL Assessment  
 Scope and Budget

Examples of areas that will be reviewed include:

- October 2004 Land Use
- Undeveloped/Agricultural lands as of October 1, 2004
- Industrial permitted land as of January 2015
- County/State right-of-way areas within the municipal boundary
- Riparian lands

## 1.2 Update Watershed Boundaries

The City will review the watershed boundaries used in the 2008 study based on current storm sewer system mapping. Consultant will update the reviewed / revised watershed boundaries provided by the City. Consultant will then group the boundaries into reachsheds that align with the TMDL analysis.

## 1.3 Re-run MS4 No-Controls Conditions

The WinSLAMM stormwater pollution model will be used to analyze the stormwater pollution discharged from the City's regulated MS4.

The no-controls conditions are defined by NR216 and subsequent policy memos from the WDNR. Consultant will conduct this analysis in accordance with the NR216 and WDNR written guidelines. In general, the "no-controls conditions" represent the urban stormwater pollution that existed under the land use conditions as of October 1, 2004, assuming all roads have curb and gutter drainage, and with no other stormwater control practices in place. The TSS loading under base conditions establishes the benchmark against which the 20 percent TSS reduction is measured.

The results for the study will be reported on an average annual basis for both Total Suspended Solids and Total Phosphorus.

### *Task 2.0 Establish TMDL No-Controls Load Using Most Recent WDNR Guidance*

The data used for the TMDL analysis was different than the data used for the WDNR MS4 permit analysis. The TMDL analysis will follow the WDNR document "TMDL Guidance for MS4 Permits: Planning, Implementation, and Modeling Guidance".

Consultant will update the following GIS coverages used for the TMDL analysis:

- Excluded Areas
- Land use
- Municipal boundary

Consultant will compare the data used for the TMDL analysis against the data used for the WDNR MS4 permit analysis. The comparison will include a table showing the tabular differences as well as a figure showing the graphical differences. Consultant will then set up a meeting with City staff and WDNR staff to review the differences and discuss resolutions to the differences if needed.



## 2.1 Excluded Areas

Review and update required and optional excluded areas to align with the current guidance document.

## 2.2 Update TMDL Land Use

Update land use areas to align with the current guidance document.

## 2.3 Update TMDL Municipal Boundary

Update the municipal boundary used for the TMDL to reflect the most accurate municipal boundary as of January 2015 per WDNR guidance.

## 2.4 Calculate TMDL No-Controls Load

The TMDL no-controls load for each TMDL watershed will be calculated using data developed in Tasks 2.1 through 2.3.

### *Task 3.0 Re-establish NR216 Existing Conditions (with controls) Load as of January 2015*

Consultant will conduct the following subtasks to re-analyze the pollution reduction achieved by the City's existing stormwater control practices. Practices in existence as of January 2015 will be included in the analysis.

## 3.1 Update Street Cleaning

The model will be updated to reflect the City's current street cleaning practices, schedule, and equipment. Reductions for TSS and TP will be reported.

## 3.2 Evaluate Existing Structural Best Management Practice (BMP) Performance

Consultant will review existing structural BMPs which would have been included in prior analyses to evaluate pollutant management effectiveness. It is assumed that some BMPs may require modification since the prior planning effort, but for the most part, prior developed pollutant removal effectiveness will be used.

## 3.3 Summarize Existing Conditions MS4 Permit Results

Consultant will model annual loadings of stormwater pollutants for Particulate Solids (TSS) and Total Phosphorus (TP) using WinSLAMM for the City's existing stormwater control practices. The results will be presented in the following formats:

- 1) Tabular
  - a. No-controls TSS and TP load for each watershed
  - b. Existing TSS and TP annual load for each watershed
- 2) Graphically
  - a. GIS map of no-controls TSS or TP load by watershed, and by load/acre/yr for each watershed
  - b. GIS map of existing TSS or TP load by watershed, and by load/acre/yr for each watershed

#### *Task 4.0 Establish Existing Conditions TMDL Load*

##### 4.1 Calculate Existing Conditions TMDL Permit Load

Consultant will use the information collected and developed in Tasks 2 and 3 to establish the City's current progress towards meeting the TMDL WLA for each sub-basin. The existing stormwater control practices will be applied to the TMDL base conditions pollution load.

##### 4.2 Analyze Stormwater Control Practices for New Development

Because it is possible that new development will be included in the City's TMDL analysis, the City will provide Consultant with the data needed to model the stormwater control practices treating new development. It is assumed two (2) sites will be analyzed. The data needed to perform this analysis includes:

- an electronic delineation of the drainage area,
- hard or electronic copies of the design drawings/as-builts, and
- any stormwater management plan data, including model information that was developed as part of the project.

##### 4.3 Summarize Existing Conditions TMDL Results

The TMDL existing load for each TMDL sub-basin will be calculated two ways: 1) the percent reduction from the existing stormwater control practices will be applied to the unit TSS and TP loads published in the TMDL and 2) the percent reduction from the existing stormwater control practices will be applied to the base pollution loaded generated using the WinSLAMM model files developed for the City and used in Task 1.4.

The results will be presented in the following formats:

- 1) Tabular
  - a. No-controls TSS and TP load for each sub-basin
  - b. Existing TSS and TP annual load for each sub-basin
- 2) Graphically
  - a. GIS map of no-controls TSS or TP load by sub-basin, and by load/acre/yr for each sub-basin
  - b. GIS map of existing TSS or TP load by sub-basin, and by load/acre/yr for each sub-basin

#### *Task 5.0 Evaluation of Proposed Stormwater Control Practices Identified in the 2008 Study and Additional Opportunities Identified in this Study*

The City has not met the current 20% TSS reduction goal and it is assumed that additional BMPs will be required to move towards compliance with the pending TMDL WLAs. This task provides for a review of previously identified and new potential BMPs to further reduce stormwater runoff pollutants.

### 5.1 Proposed Stormwater Control Practice Evaluation

A total of 6 potential BMPs were identified for further consideration in 2008. Consultant will update the evaluation of the sites with the City for consideration.

Consultant will also review with the City other potential opportunities for pollutant reductions that were not discussed or may have evolved since the prior planning effort.

The evaluation will include additional information available from existing public files including: wetland information, depth of storm sewer entering/exiting the proposed location, size of proposed stormwater control practice and land availability. Consultant will use data that is readily available (such as the WDNR Surface Water Data Viewer or the City's GIS information). Consultant will not conduct field investigations (such as soil borings or wetland delineations) for this evaluation.

This scope assumes no more than 20 sites will be evaluated as potential locations for stormwater control practices.

### 5.2 Develop TSS and TP Removal for Proposed Stormwater Control Practices

Consultant will update the TSS and TP for the proposed stormwater control practices identified in Task 5.1. This evaluation only includes the re-modeling of the potential wet detention basins for TSS and Total Phosphorus pollution control potential.

This scope assumes no more than 12 sites will ultimately be modeled for their proposed TSS and TP reductions.

### 5.3 Develop Stormwater Control Practice Cost Estimates and Identify Funding Mechanisms

Consultant will develop planning level cost estimates for the proposed stormwater control practices. The cost estimates will be developed with information from recent bid tabs for other stormwater quality projects within the City and surrounding area. The cost estimates will include a contingency to address engineering and other unknown cost items.

A number of potential funding mechanisms are available to the City and a brief review of potential revenue sources will be discussed, including general revenue, grants, and stormwater utility funding.

### 5.4 Develop Alternative Evaluation Matrix

Consultant will develop an Alternative Evaluation Matrix with loadings, costs, and other criteria to aid in ranking projects for potential implementation. The initial ranking will be reviewed with the City for comments on the criteria listed in the matrix. The proposed stormwater control practices will be adjusted based on City input and ranked.

### 5.5 Develop Implementation Schedule

Consultant will work with the City to develop a draft implementation schedule for presentation to the City Common Council for consideration as a roadmap for meeting the TMDL goals.

### *Task 6.0 Prepare Report*

Consultant will prepare a report which: 1) documents modeling methodology, 2) compiles TSS and TP pollution loadings into an appropriate tabular formats, 3) documents the pollution control (TSS and TP) achieved by existing management measures, and 4) summarizes the potential new stormwater control practice removal efficiency and cost.

The report will also contain maps displaying the results of the modeling; and the potential locations of proposed stormwater control practices.

The report will describe the analyses for purposes of both WDNR MS4 NR 216 permit and TMDL compliance.

The City will review this report before it is finalized. Consultant will provide one (1) hard copy draft report and one (1) electronic copy in Adobe format to the City for review. Consultant will provide five (5) hard copies and a complete copy in an Adobe format of the final report to the City. In addition, Consultant will provide GIS files and Tables in Excel format prepared under this scope of work as requested by the City.

### *Task 7.0 Ordinance Updates*

Several municipal ordinances are in need of updating to align with current state regulations or could benefit from a review to evaluate the potential to make improvements that better protect the environment. Ordinances planned for review and potential update include:

- Chapter 393 – Stormwater Management (post construction and Illicit Discharges)
- Chapter 212 Construction Site Erosion Control

The Illicit Discharge Prohibition and Disconnection Section of the ordinance will be reviewed for changes in best practices associated primarily with enforcement components.

Model ordinances that are being prepared by the WDNR in 2015 will be compared to the current City Erosion Control and Post-construction Stormwater Management Ordinances and recommend and draft updated ordinances for review by City staff and attorney for presentation and approval by the Common Council to update the current ordinances.

### *Task 8.0 Meetings and Presentation*

Three meetings with City staff and Consultant staff are budgeted during the course of the project. One meeting may also include WDNR staff. The first meeting is anticipated during Task 2. The second meeting is expected to occur during Tasks 5 and 6 to fine tune the proposed stormwater control practice prioritization. The third meeting would take place after the preparation of the final report and prior to a presentation to the City Common Council or other stakeholders.

A presentation to the City Common Council will be conducted at a point in the project that the City feels is appropriate to inform and gain the feedback and concurrence of public officials.

### **C. ASSUMPTIONS**

1. The City shall furnish Consultant all available maps, orthophotographs, stormwater conveyance system drawings, stormwater management plans, parcel graphical and tabular data, and other relevant stormwater management data, all of which may rely upon without independent verification in performing the Scope of Work. It is also assumed that the above information will be provided at no cost to the project. Data files will be provided digitally to Consultant on a CD if available or paper copy format (if a digital format is not available).
2. Some information provided by the City may be inaccurate or unreliable. Consultant cannot be responsible for inaccuracies in the data supplied by the City. Field verification of the data is not included in the Scope of Work.
3. Preparation of design plans, specifications, or construction documents are not included in this scope of work.
4. All budget items assume one review per task by City staff. Consultant will confirm the results of the City's review before proceeding with the next step of the process. If more than one review per task is conducted or additional information is provided after a review task is completed, a budget amendment may be requested.

## **Appendix B-2**

Part II. Competitive Elements, Question 5B: Local Support  
(Citizen Groups, Committees and Councils)

# SOUTHEASTERN WISCONSIN REGIONAL PLANNING COMMISSION

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April 3, 2015

Ms. Melinda K. Dejewski, P.E.  
Director of Public Works/City Engineer  
City of St. Francis  
3400 East Howard Avenue  
St. Francis, WI 53235

Dear Ms. Dejewski:

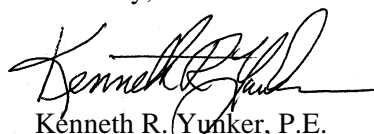
We are writing in support of the City of St. Francis's application for a Wisconsin Department of Natural Resources (WDNR) Urban Nonpoint Source and Storm Water Management Planning Grant. The grant would be used to update the City's current water quality management plan to aid in understanding the effects of the total maximum daily load limits that are under development and will affect municipalities and other entities in the Milwaukee River Basin.

The proposed update will build upon previous planning efforts dating back to the October 2008 St. Francis Storm Water Quality Management Analysis Report when the City conducted its last comprehensive stormwater quality analysis. The plan will also review the findings and recommendations from other regional water quality plans, including the plan documented in SEWRPC Planning Report No. 50, *A Regional Water Quality Management Plan Update for the Greater Milwaukee Watersheds*, December 2007.

The plan update will follow the WDNR's TMDL Guidance for MS4 Permits for that area of the City that is tributary to the Kinnickinnic River watershed, and standard MS4 guidance for the remainder of the City, creating a comprehensive city-wide plan. The plan will assess the current level of compliance with TMDL wasteload allocations, and will reevaluate the effectiveness and feasibility of implementation of potential best management practices (BMPs) identified in the previous City stormwater study. The study will result in an implementation plan that will guide the City towards the goal of cost-effectively meeting both MS4 stormwater control requirements and TMDL wasteload allocation targets.

We commend the City on undertaking this update to its plan and support its application for State stormwater management planning funds.

Sincerely,



Kenneth R. Yunker, P.E.  
Executive Director

KRY/MGH/dd  
#00224873



April 10, 2015

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University Of Wisconsin–Milwaukee

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Southeastern Wisconsin Regional  
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UWM School of Freshwater Sciences

**Ezra Meyer**

Clean Wisconsin

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Village of Elm Grove

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Milwaukee Metropolitan Sewerage District

**Dan Stoffel**

Washington County

#### STAFF

**Melissa Ugland, Interim Executive Director**

600 East Greenfield Avenue

Milwaukee, WI 53204-2944

(414) 382-1766

[swtwater.org](http://swtwater.org)

Ms. Melinda Dejewski, P.E.  
Director of Public Works/City Engineer  
City of St. Francis  
3400 East Howard Avenue  
St. Francis, WI 53235

Dear Ms. Dejewski,

Sweet Water - Southeastern WI Watersheds Trust, Inc. is pleased to write in support of the City of St. Francis's application for a Wisconsin Department of Natural Resources (WDNR) Urban Nonpoint Source and Storm Water Management Planning Grant. The grant would be used to update the City's current water quality management plan to aid in understanding the impacts of the pending total maximum daily load limits that are under development and will impact municipalities and other entities in the Milwaukee River Basin.

We understand that the proposed update will build upon previous planning efforts dating back to the October 2008 St. Francis Storm Water Quality Management Analysis Report when the City conducted its last comprehensive stormwater quality analysis. The plan will also review the findings and recommendations from other regional water quality planning documents to maintain consistency with other planning efforts.

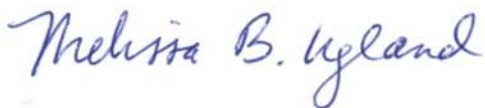
We further understand that the plan update will follow the WDNR's TMDL Guidance for MS4 Permits for that area of the City that is tributary to the Kinnickinnic River watershed and follow standard MS4 guidance for the remainder of the City to create a comprehensive city-wide plan. The plan will modify current city-wide GIS data drainage basins into reach-sheds, update land use and included/excluded areas, and assess the current level of compliance with TMDL waste load allocations. Potential best management practices (BMPs) identified in the previous study will be re-evaluated for effectiveness and feasibility. BMPs will be compared and ranked in a matrix format that looks at a number of factors including capital and operation and maintenance costs. The study will results in an



implementation plan that will guide the City towards the goal of meeting both MS4 and TMDL waste load allocation targets in a cost-effective manner. With the proposed grant funding, this project is intended to review, protect, and move forward effective storm water management in the City.

We commend the City on undertaking this update to its plan and fully support its application for State stormwater management planning funds.

Sincerely,



Melissa Ugland, MPH  
Interim Executive Director



Nancy Frank, Ph.D., AICP  
Board Chair

## **Appendix B-3**

Part II. Competitive Elements, Question 6A: Consistency with Resource Management Plans, Pertinent Pages from Reports

# Final Report

Author

## St. Francis Storm Water Quality Management Analysis



**Prepared for:**  
City of St. Francis  
4235 South Nicholson Avenue  
St. Francis, WI 53235

**Prepared by:**  
Earth Tech AECOM  
1020 North Broadway, Suite 400  
Milwaukee, WI 53202

October, 2008

Earth Tech AECOM Project No. 100230

## 5.0 CONCLUSIONS AND RECOMMENDATIONS

This Storm Water Quality Management Analysis indicates that the City is currently reducing TSS loads to receiving waters by just over 7.7 percent. The City will need take additional structural and non structural management measures to meet the 2013 goal of 40 percent TSS reduction.

### Recommendations

It is recommended that the City continue to take positive steps towards attempting to meet their TSS reduction obligations, but that it be done so in a methodical manner, pursuing lowest cost and highest value alternatives first including finding creative ways to incorporate TSS reductions from existing lands into new or redevelopment projects.

The City recognizes that it has a shortfall from the required 20 percent State mandated goal for pollution reduction. The City is looking at the following methods to reach the 20 percent and ultimately the 40 percent goals due in 2013:

1. Apply for a cost sharing grant in 2009 for the purchase of a high efficiency vacuum sweeper in 2010.
2. Look at a modified schedule of sweeping to increase the amount of solids collected. The sweeping would be an intensive sweeping during the early spring immediately after the snow melts to collect the most solids on the road.
3. Continue to require new development to implement wet ponds and infiltration practices wherever practicable.
4. Continue to work with redevelopments to have them install BMP's on-site as part of the redevelopment even if they are not mandated to do so.
5. Continue to review and modify operations to create the least amount of pollution practicable.
6. Actively pursue a public/private partnership with the Cousin's Center or the new owner of the Cousin's Center for a joint pond to treat as much of the existing development in the City as practicable.

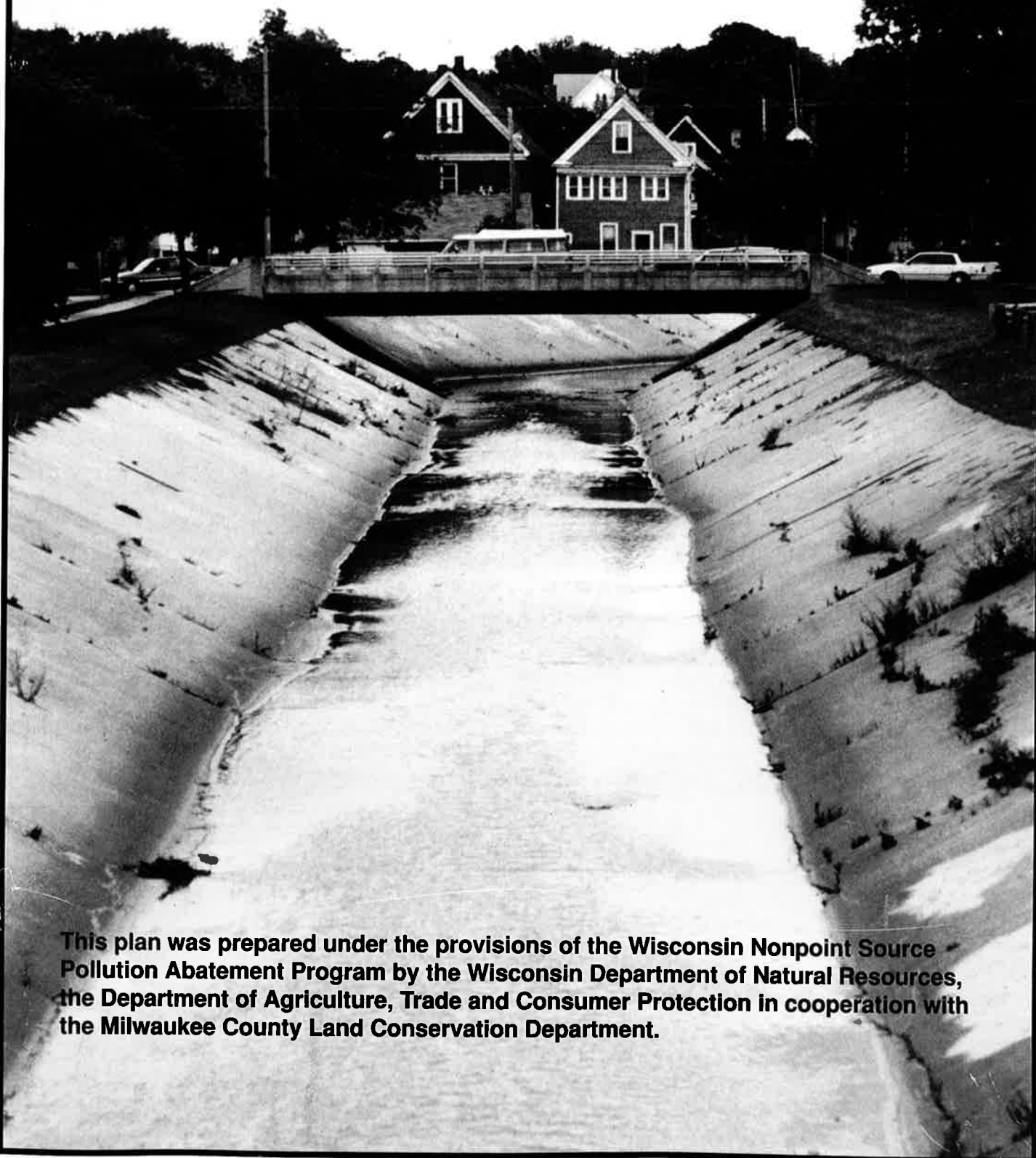
While the City believes that if all these steps are achieved that it will reach the 40 percent goal by 2013 there must be recognition that if the pond at the Cousin's Center property cannot move forward the City has no other real opportunities for stormwater management that will make up that difference. The City has and will continue to try to achieve the standards set by the DNR; however, the City is only 2.9 square miles of land which is mostly built out or limited by past contamination. The City removed approximately 170 tons on average over the last four (4) years with our street sweeping and catch basin cleaning programs alone and is doing all that it can to work toward the WDNR goals.

### Conclusions

While this report indicates that the City of St. Francis has fallen short of the 2008 goal of reducing total suspended solids (TSS) by 20 percent based on WDNR requirements and guidelines, several potential structural and non-structural projects were evaluated that can move the City closer to the 20 percent and ultimately the 2013, 40 percent, TSS reduction. Achieving the requirements will take time and money for capital projects as well as increased annual maintenance expenditures.

However, because of the developed nature of the city, it will be extremely difficult, if not financially and physically impracticable to reach the 40 percent TSS reduction required by the WDNR.

# **Nonpoint Source Control Plan for the Kinnickinnic River Priority Watershed Project**



**This plan was prepared under the provisions of the Wisconsin Nonpoint Source Pollution Abatement Program by the Wisconsin Department of Natural Resources, the Department of Agriculture, Trade and Consumer Protection in cooperation with the Milwaukee County Land Conservation Department.**

### **West Allis**

West Allis has about 1,100 acres of established urban land in the watershed project area. Approximately 420 acres are in land uses considered critical, i.e., those needing treatment in order to achieve project goals. To meet the pollutant reduction goals of this plan, the equivalent of 1.6 acres of wet detention ponds (on approximately 3 acres of land) are needed to control runoff from industrial, commercial, and high density residential lands. Until these practices can be installed, an estimated 450 catch basin cleanings per year would provide a moderate, interim improvement in pollution control. These practices, along with other core and segmented activities described in Chapter 5, are the plan recommendations for West Allis.

### **Cudahy**

Cudahy has about 2,500 acres of established urban land in the watershed project area. Approximately 460 acres are in land uses considered critical, i.e., those needing treatment in order to achieve project goals. To meet the pollutant reduction goals of this plan, the equivalent of 2.4 acres of wet detention ponds (on approximately 5 acres of land) are needed to control runoff on industrial and commercial lands. Until these practices can be installed, an estimated 304 catch basin cleanings per year would provide a moderate, interim improvement in pollution control. These practices, along with other core and segmented activities described in Chapter 5, are the plan recommendations for Cudahy.

### **Greenfield**

Greenfield has about 1,400 acres of established urban land in the watershed project area. Approximately 170 acres are in land uses considered critical, i.e., those needing treatment in order to achieve project goals. To meet the pollutant reduction goals of this plan, the equivalent of a 0.4 acre wet detention pond (on about 1 acre of land) is needed to control runoff from commercial land. An additional 0.6 acres of wet detention ponds would need to be constructed and maintained by the Department of Transportation to control runoff pollutants from freeways within Greenfield. Until these practices can be installed, an estimated 78 catch basin cleanings per year would provide a moderate, interim improvement in pollution control. These practices, along with other core and segmented activities described in Chapter 5, are the plan recommendations for Greenfield.

### **St. Francis**

St. Francis has about 1,600 acres of established urban land in the watershed project area. Approximately 125 acres are in land uses considered critical, i.e., those needing treatment in order to achieve project goals. To meet the pollutant reduction goals of this plan, the equivalent of a 0.7 acre wet detention pond (on about 2 acres of land) is needed to control runoff from industrial land. Until this practice can be installed, an estimated 78 catch basin cleanings per year would provide a moderate, interim improvement in pollution control. These practices, along with other core and segmented activities described in Chapter 5, are the plan recommendations for St. Francis.

## **Appendix B-4**

### Government Responsibility Resolution

**RESOLUTION No. 2678**

**GOVERNMENTAL RESPONSIBILITY RESOLUTION  
FOR RUNOFF MANAGEMENT GRANTS**

WHEREAS, the City of St. Francis 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, Wisconsin Statutes and Chapters NR 151, 153 and 155); and

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

THEREFORE, BE IT RESOLVED that the City of St. Francis hereby authorized City Engineer/Director of Public Works in the Department of Public Works to act on behalf of the City of St. Francis to:

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

BE IT FURTHER RESOLVED that the City of St. Francis 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.

PASSED and ADOPTED this 8<sup>th</sup> day of April, 2015.

**/s/CoryAnn St. Marie-Carls**  
Mayor

ATTEST:

**/s/Anne B. Uecker, MMC/WCPC**  
City Clerk/Treasurer