

NOTICE: This document is required under s. 281.66, Wis. Stats., and chs. NR 154 and 155, Wis. Adm. Code. A final project report must be submitted as part of the final reimbursement request. Personally identifiable information contained in this form will be used for determining reimbursement eligibility in the Urban Nonpoint Source & Storm Water Management Grant Program and will not be used for any other purpose.

Planning Grant – Urban Nonpoint Source & Storm Water Management Program

INSTRUCTIONS: Send the completed, electronic copy of this form and all attachments to the Department of Natural Resources (DNR) Regional Nonpoint Source Coordinator. Please read all instructions prior to completing the form.

Project Information							
Governmental Unit Name				Grant Number			
Village of Little Chute				USP-LF04-44146-14			
Project Name							
Storm Water Planning - TMDL							
Project Contact Name			Phone Number		E-mail Address		
Jeff Elrick			(920) 423-3865		jeff@littlechutewi.org		
Project Location Information				Additional locations may be added to the project at [+].			
County	Watershed Name	12-Digit HUC		Nearest Receiving Waterbody			
Outagamie	Apple Creek	040302040402		Apple Creek			
Site Name		Quarter/Quarter	Quarter	Section	Township	Range	E or W
Village of Little Chute							
County	Watershed Name	12-Digit HUC		Nearest Receiving Waterbody			
Outagamie	Lower Fox River	040302040205					
Site Name		Quarter/Quarter	Quarter	Section	Township	Range	E or W
Village of Little Chute							

Project Area(s) Additional rows may be added at [+].

Describe the project area(s) covered by the Planning Grant Product(s)
 All of the products described below in the Summary of Results section that were generated through the Planning Grant incorporate the entire Village. There were no products limited to specific areas within the Village.

Planning Grant Product(s) Produced	Acres Covered by the Planning Product(s)			Approximate Center Point of Area Covered	
	Existing Developed Urban Acres	New Development Urban Acres	Total Acres	Latitude	Longitude

Summary of Results

Products Developed	Comments:	Review copy was submitted 60-days in advance
electronic submittal with Final Report <input checked="" type="checkbox"/> Construction Erosion Control Ordinance	1. Identify Documents/Products by Name. 2. Provide summary information. (Narrative space expands.) 1. Construction Site Erosion Control Ordinance Update 2. The Village's Construction Site Erosion Control ordinance was updated to incorporate new WDNR and Northeast Wisconsin Stormwater Consortium model ordinances.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Post-construction Storm Water Ordinance - new and re-development	1. Post-Construction Storm Water Management Ordinance Update 2. The Village's Post-Construction Storm Water Management ordinance was updated to incorporate new WDNR and Northeast Wisconsin Stormwater Consortium model ordinances. Create alternate TMDL related post-construction storm water	<input checked="" type="checkbox"/>

Final Report
Urban Nonpoint Source & Storm Water Management
Planning Grant

Products Developed electronic submittal with Final Report	Comments: 1. Identify Documents/Products by Name. 2. Provide summary information. (Narrative space expands.)	Review copy was submitted 60-days in advance
	management ordinance to incorporate requirements and target goals as set forth by the TMDL.	
<input type="checkbox"/> Low impact development/conservation subdivision ordinance		<input type="checkbox"/>
<input type="checkbox"/> Other Ordinance		<input type="checkbox"/>
<input type="checkbox"/> Financing Mechanism Developed &/or Implemented		<input type="checkbox"/>
<input checked="" type="checkbox"/> Financing Mechanisms Feasibility Analysis	1. Develop Dedicated Revenue Source 2. As part of the Grant, REL and Village Staff reviewed existing fee structure in attempt to evaluate additional dedicated revenue sources. It was determined through this review that the fee structure of the Village was satisfactory to their needs, and adding additional funding sources was not desired at this time. Politically adding additional fees not viable, in connection to storm water management practices.	<input type="checkbox"/>
<input type="checkbox"/> Storm Water Management Plan for Developed Urban Areas		<input type="checkbox"/>
<input type="checkbox"/> Storm Water Management Plan for New Development		<input type="checkbox"/>
<input type="checkbox"/> Storm Sewer System Map		<input type="checkbox"/>
<input type="checkbox"/> Public Education & Outreach and/or Public Involvement & Participation Activities Associated with Project Elements Above		<input type="checkbox"/>
<input type="checkbox"/> Comprehensive Storm Water Information & Education Program Developed/Implemented		<input type="checkbox"/>
<input checked="" type="checkbox"/> Other Urban Planning Activities	1. Village-Wide WinSLAMM Water Quality Modeling 2. The WinSLAMM program was utilized to perform water quality modeling for the entire Village. This work was performed to meet the latest WDNR MS4 modeling guidance and to incorporate the latest TMDL requirements for the Apple Creek and Lower Fox River watersheds. Once the modeling was completed, priority sub-watersheds within the Village were identified and possible storm water management BMP's were analyzed.	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Other Urban Planning Activities	1. Village-Wide Peak Discharge Modeling 2. The previous village-wide peak flow modeling that was done was updated to include all of the new development that has occurred within the Village. The modeling also incorporated the latest NOAA Atlas 14 rainfall depths and the new MSE4 rainfall event distribution.	<input type="checkbox"/>

Products Developed electronic submittal	Comments: 1. Identify Documents/Products by Name. 2. Provide summary information. (Narrative space expands.)	Review copy was submitted 60-days in advance
<input checked="" type="checkbox"/> Other Urban Planning Activities	1. Identify and prioritize possible stream restoration projects. 2. REL met with the Village staff and visited different outfall and stream locations throughout the Village to develop a list of possible stream restoration projects to help minimize erosion throughout the Village. Once the projects were determined, different alternatives were considered to remedy the current erosion issues.	<input type="checkbox"/>
<input checked="" type="checkbox"/> Other Urban Planning Activities	1. Update the Village's Illicit Discharge program. 2. The Village's entire illicit discharge program was analyzed and updated. Updates included revising the outfall listing and mapping, updating the prioritization and screening frequencies for each outfall based on current WDNR guidance, and updating the field screening collection and organization methods. REL developed a smart phone app to aid in outfall screening collection and organization of outfall screening data.	<input type="checkbox"/>
<input type="checkbox"/> Inter-governmental Storm Water Management Project Developed/Implemented		<input type="checkbox"/>
List Governmental Unit(s)Involved		

Storm Water Goals Addressed	Comments	Additional goals may be added at [+]
Reduce TSS	The updated Village-wide WinSLAMM modeling will aid the Village in determining where resources are most appropriately spent in order to reduce the amount of TSS and TP from Village storm water runoff so that they can continue to move closer to meeting TMDL water quality requirements.	
Identify/Eliminate Illicit Discharges	The updates provided to the Village's illicit discharge program will allow them to more effectively monitor for and ultimately eliminate illicit discharges in the Village's MS4.	
Pollution Prevention	Again, the updated Village-wide WinSLAMM modeling will aid the Village in determining where resources are most appropriately spent in order to reduce the amount of TSS and TP from Village storm water runoff. The completion of the identified stream restoration projects would also help prevent pollution from leaving the Village.	
Control Peak Flow	The revised peak flow modeling can be utilized by the Village to identify the possible flooding issues and to more effectively and efficiently remedy any current and future flooding issues within Village limits.	
Reduce P Loading to address TMDL goal	In addition to helping the Village determine how to most efficiently reduce TSS, the revised water quality modeling will also help the Village to more efficiently remove phosphorus from storm water runoff leaving the Village.	

Project Comments
 The governmental unit has approved or adopted the product(s) developed. Yes No Explain status below.

Provide a summary of project challenges and accomplishments. Also report the status of the local municipality's acceptance, approval, adoption, or implementation of the products, including ordinances, developed under the grant. (Narrative space expands.)
 One challenge associated with the project was obtaining the most current/accurate information and modeling that was previously completed for the Village. But throughout the duration of the project, Robert E. Lee & Associates, Inc. (REL) worked closely with Village staff to obtain the best available information. The most significant accomplishment for the project was updating and organizing a majority of the Village's MS4 information such as mapping, storm water modeling, ordinances, and their illicit discharge program.

REL also frequently met with Village staff to review the different project tasks as they were completed. On February 21, 2017 REL gave a presentation to the Village's Utility Commission to summarize the entire scope of work completed as part of the grant. The Village is in the process of formally adopting the revised Construction Site Erosion Control and Post-Construction Storm Water Management ordinances that were created. The remainder of the products created through this grant will be utilized as a valuable planning tool to help the Village remain in compliance with their current and future MS4 permits.

Final Report Attachments (electronic submittal)

Check the box if the information for the project is attached. If the information was produced under the grant, it is required to be submitted as part of the Final Report.

- | | |
|--|--|
| <input checked="" type="checkbox"/> Planning, ordinance, financing, I&E product(s) developed | <input checked="" type="checkbox"/> GIS mapping information |
| <input checked="" type="checkbox"/> Load reduction modeling document(s) | <input checked="" type="checkbox"/> Water quality monitoring results/summary |
| <input checked="" type="checkbox"/> Aerial photo map of project area | |

Grantee Certification

A responsible government official (authorized signatory) must authorize and date the final report form prior to electronic submittal to the DNR Regional Nonpoint Source Coordinator.

I certify that, to the best of my knowledge, the project is complete and the information contained in this final report and attachments is correct and true.

Name of Authorized Government Official	Title of Authorized Government Official	Date
James Fenlon	Village Administrator	02/28/2017

For DNR Nonpoint Source Coordinator Use Only

- Received complete reports with all attachments. DNR accepts and approves the activities/products as consistent with the grant agreement and 281.66, Wis. Stat.

Comments about this project: (Narrative space expands.)

Name of Nonpoint Source Coordinator	Date

Send the Final Report and attachments to the Community Financial Assistance Grant Manager and to the Runoff Management Grant Coordinator. Keep a printed copy for the Region file.