

Final Report
Urban Nonpoint Source & Storm Water Management
Planning Grant

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.

Grant Information		
Governmental Unit Name		Grant Number
Ozaukee County		USP-MI02-45000-15
Project Name		
Ozaukee County Milwaukee River TMDL Watershed Based Solutions		
Project Contact Name	Phone Number	E-mail Address
Andy Holschbach	(262) 284-8271	aholschbach@co.ozaukee.wi.us
Project Location Information		
Additional project locations may be added by clicking on the [+] button		
Municipality Name	Latitude	Longitude
Village of Thiensville	43.2375	-87.9787
County	12-Digit HUC	12-digit HUC watershed name
Ozaukee	040400030604	Pigeon Creek-Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Pigeon Creek		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Grafton	43.3197	-87.9534
County	12-Digit HUC	12-digit HUC watershed name
Ozaukee	040400030603	Village of Grafton-Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Saukville	43.3837	-87.9315
County	12-Digit HUC	12-digit HUC watershed name
Ozaukee	040400030602	Town of Fredonia-Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Fredonia	43.4706	-87.9506
County	12-Digit HUC	12-digit HUC watershed name
Ozaukee	040400030107	North Branch Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Fredonia	43.4706	-87.9506
County	12-Digit HUC	12-digit HUC watershed name
Washington	040400030106	Lizard Mound State Park
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Fredonia	43.4706	-87.9506

Project Location Information		Additional project locations may be added by clicking on the [+] button	
County Washington	12-Digit HUC 040400030105	12-digit HUC watershed name Stony Creek	
Nearest Receiving Waterbody Stony Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name City of Cedarburg		Latitude 43.2967	Longitude -87.9876
County Ozaukee	12-Digit HUC 040400030304	12-digit HUC watershed name Cedar Creek	
Nearest Receiving Waterbody Cedar Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name City of Cedarburg		Latitude 43.2967	Longitude -87.9876
County Washington	12-Digit HUC 040400030303	12-digit HUC watershed name Jackson Marsh State Wildlife Area-Cedar Creek	
Nearest Receiving Waterbody Cedar Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Jackson		Latitude 43.3239	Longitude -88.1668
County Washington	12-Digit HUC 040400030302	12-digit HUC watershed name Cedar Lake-Cedar Creek	
Nearest Receiving Waterbody Cedar Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Jackson		Latitude 43.3239	Longitude -88.1668
County Washington	12-Digit HUC 040400030301	12-digit HUC watershed name Town of Richfield	
Nearest Receiving Waterbody Milwaukee River		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Newburg		Latitude 43.4317	Longitude -88.0465
County Washington	12-Digit HUC 040400030209	12-digit HUC watershed name Village of Newburg-Milwaukee River	
Nearest Receiving Waterbody Milwaukee River		Primary Waterbody addressed by project Milwaukee River	
Municipality Name City of West Bend		Latitude 43.4253	Longitude -88.1834
County Washington	12-Digit HUC 040400030208	12-digit HUC watershed name Silver Creek-Milwaukee River	
Nearest Receiving Waterbody Silver Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Kewaskum		Latitude 43.5208	Longitude -88.229
County Washington	12-Digit HUC 040400030207	12-digit HUC watershed name Village of Kewaskum-Milwaukee River	

Project Location Information		Additional project locations may be added by clicking on the [+] button	
Nearest Receiving Waterbody Milwaukee River		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Campbellsport		Latitude 43.5978	Longitude -88.279
County Fond Du Lac	12-Digit HUC 040400030204	12-digit HUC watershed name Auburn Lake Creek-Milwaukee River	
Nearest Receiving Waterbody Auburn Lake Creek		Primary Waterbody addressed by project Milwaukee River	
Municipality Name Village of Kewaskum		Latitude 43.5208	Longitude -88.229
County Fond Du Lac	12-Digit HUC 040400030203	12-digit HUC watershed name West Branch Milwaukee River	
Nearest Receiving Waterbody Milwaukee River		Primary Waterbody addressed by project Milwaukee River	

Project Area(s)
 Describe the project area(s) covered by the Planning Grant Product(s)
 See additional pages of report

Summary of Deliverables - Ordinances				Additional ordinance deliverables be added by clicking on the [+] button
Planning Deliverable Developed	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Ordinance Name & Number	
			Explain the purpose of the new deliverable or need for an update:	

Summary of Deliverables - Storm water Quality Plan				Additional planning deliverables be added by clicking on the [+] button
Components of storm water plan deliverable	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Plan name and section or page number	
			Explain the purpose of the new plan element or need for an update:	

Summary of Deliverables - Financial feasibility analysis of alternative storm water quality program revenue source				
Financial Feasibility Analysis Deliverable	Deliverable Type	Alternative revenue source(s) evaluated	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?

Final Report
Urban Nonpoint Source & Storm Water Management
Planning Grant

Form 3400-189P (R 11/18)

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.

Grant Information

Governmental Unit Name		Grant Number	
Ozaukee County		USP-MI02-45000-15	
Project Name			
Ozaukee County Milwaukee River TMDL Watershed Based Solutions			
Project Contact Name		Phone Number	E-mail Address
Andy Holschbach		(262) 284-8271	aholschbach@co.ozaukee.wi.us

Project Location Information

Additional project locations may be added by clicking on the [+] button

Municipality Name	Latitude	Longitude
Village of Campbellsport	43.5978	-88.279
County	12-Digit HUC	12-digit HUC watershed name
Fond Du Lac	040400030202	Kettle Moraine Lake-Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River
Municipality Name	Latitude	Longitude
Village of Kewaskum	43.5208	-88.229
County	12-Digit HUC	12-digit HUC watershed name
Fond Du Lac	040400030201	Headwaters West Branch Milwaukee River
Nearest Receiving Waterbody		Primary Waterbody addressed by project
Milwaukee River		Milwaukee River

Project Area(s)

Describe the project area(s) covered by the Planning Grant Product(s)
 The project area includes the northern portion of the Milwaukee River Watershed in Ozaukee, Fond du Lac and Washington counties that drains to the urbanized area of the following MS4 permitted communities: City of Cedarburg, City of Mequon, City of West Bend, Village of Campbellsport, Village of Fredonia, Village of Grafton, Village of Jackson, Village of Kewaskum, Village of Newburg, Village of Saukville, Village of Thiensville, and the Town of Grafton.

Summary of Deliverables - Ordinances

Additional ordinance deliverables be added by clicking on the [+] button

Planning Deliverable Developed	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Ordinance Name & Number	
			Explain the purpose of the new deliverable or need for an update:	

Summary of Deliverables - Storm water Quality Plan Additional planning deliverables be added by clicking on the [+] button

Components of storm water plan deliverable	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
Study to identify and quantify potential pollutant reduction locations in watershed for MS4 implementation	Developed new		Plan name and section or page number Milwaukee River TMDL Watershed Based Solution Explain the purpose of the new plan element or need for an update: To inform MS4 communities of BMP opportunities during TMDL implementation of their next WPDES permit	Yes

Summary of Deliverables - Financial feasibility analysis of alternative storm water quality program revenue source

Financial Feasibility Analysis Deliverable	Deliverable Type	Alternative revenue source(s) evaluated	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Deliverable name	
			Summary of results and final recommendation(s):	

Summary of Deliverables - Program Development & Implementation Activities

Program Development & Implementation Activities	Deliverable Type	Area covered by planning deliverable (acres)	Deliverable Name and Explanation	Deliverable has been reviewed & approved by DNR storm water staff?
			Name of implemented program	
			Explain the purpose of the implemented program	

Storm water performance standards addressed by deliverables Additional rows may be added by clicking on the [+] button

Performance Standard addressed	Identify the deliverable(s) that address this performance standard and explain how it is addressed by the deliverable
Reduce P Loading to address TMDL goals	Plan provides information on opportunities for the Mid Moraine Water Quality Collective communities to reduce P to achieve TMDL goals.
Reduce TSS	Plan provides information on opportunities for the Mid Moraine Water Quality Collective communities to reduce TSS

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.)
 The project provides each Mid Moraine Water Quality Collective community with readily available information on P and TSS reductions necessary to achieve the Milwaukee River TMDL. Report further details specific pollution reduction opportunities within the watershed. The report will serve as an informational aid to communities as they strive to do their part to reach the TMDL goal. It was moved by the Mid Moraine Water Quality Collective to develop the Milwaukee River TMDL Watershed Based Solutions report as it will serve as an important tool to achieve compliance with MS4 permit requirements. The delay in the release of the Milwaukee River TMDL resulted in the plan completion deadline to be extended several times.

Required Attachments:

Required Attachments – Check the boxes below if the applicable final deliverables (hardcopy or electronic) are attached to this form, or if they were previously provided to the DNR Regional Nonpoint Source Coordinator

- All new and updated ordinances developed under this project and identified above
- All new and updated storm water quality plan components developed under this project and identified above

- Financial feasibility analysis of alternative storm water quality program revenue source
- Documentation of all storm water program implementation activities conducted under this project and identified above
- Aerial photo map of project area
- GIS mapping information
- Water quality monitoring results summary, if applicable

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
--	---	------

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 Region 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.