

MID-MORRAINE WATER QUALITY COLLECTIVE WATERSHED-STYLE MS4 PERMIT

December 2017 Update



MMWQC Watershed-Style MS4 Permit?

- 5-year permit (Spring 2019 – 2024)
- Quarterly Meetings / Communication
- 6 minimum measures plus MS4 map, modeling, impaired waters, TMDL requirements
- Permit conditions written specifically for MMWQC

MMWQC Watershed-Style MS4 Permit?

- Efficiencies in MS4 Permit Compliance
 - Uniform Ordinances, Documents
 - Shared Internal Training
 - Group Implementation of MS4 Programs
 - IDDE
 - Field Inspections
 - Group planning efforts



MMWQC Watershed-Style MS4 Permit?

- Opportunities to collaborate on MS4 programs, water quality projects
- Strategic Implementation to meet TMDL, MS4 permit conditions
 - By specific waterway, geographic area, pollutant, land use, trading, watershed programs
- Reporting and Tracking Efficiencies

State of Wisconsin
Department of Natural Resources
Bureau of Community Financial Assistance
Post Office Box 7821 - CSC
Madison, Wisconsin 53707-7821

WISCONSIN URBAN NONPOINT SOURCE WATER POLLUTION ABATEMENT
& STORMWATER MANAGEMENT GRANT PROGRAM

Form 8730-327a (rev. 10/2015)

Notice: You are required to agree to terms of the grant agreement, sign and return this form to establish reimbursement eligibility for the Runoff Management Grant Program, authorized under s. 281.85 and 281.86, Wis. Stats., and chs. NS 104.163, 104.165 and 283, Wis. Admin. Code. Failure to return a signed agreement will result in denial of grant funds. Personally identifiable information collected will be used for program administration and may be made available to requestors as required under Wisconsin's Open Records Law (ss. 19.31-19.36, Wis. Stats.).

YOUR COPY
- GRANT AMENDMENT -

Grant Number: USCAR13-67116-14
Village of Donnan
Project Name: Main Street Pollutant Reduction Project
Authorized Representative: Jack Hesse, Village President
Street Address: 118 S. Main Street
City, Zip, County: Donnan, 53118, Waushara County
Telephone Number: (202) 565-3392
Name of Department Regional Coordinator and Phone Number: Marlene Matheson, (202) 574-4298, Marlene.Matheson@dnr.wisconsin.gov
Name of Grant Administrator and Phone Number: Joe Kilmeyer, (202) 574-4298, Joe.Kilmeyer@dnr.wisconsin.gov

Grant Award Date: December 16, 2013
Date of Amendment: October 21, 2015
Project/Grant Period: From January 1, 2014 Through December 31, 2016
Grant Contact: Joe Kilmeyer, Utilities Superintendent
Contact's E-mail Address: jkilmeyer@dnr.wisconsin.gov

Amendment Number: 1
Total Grant Amount: \$150,000
Watershed: Bare River

PART 2: ELIGIBLE COST-SHARE BUDGET DATA
Budget is unchanged from that which appears in original grant agreement fully executed on April 16, 2014.
Scope for this project remains as written in the original grant agreement, fully executed on April 16, 2014.

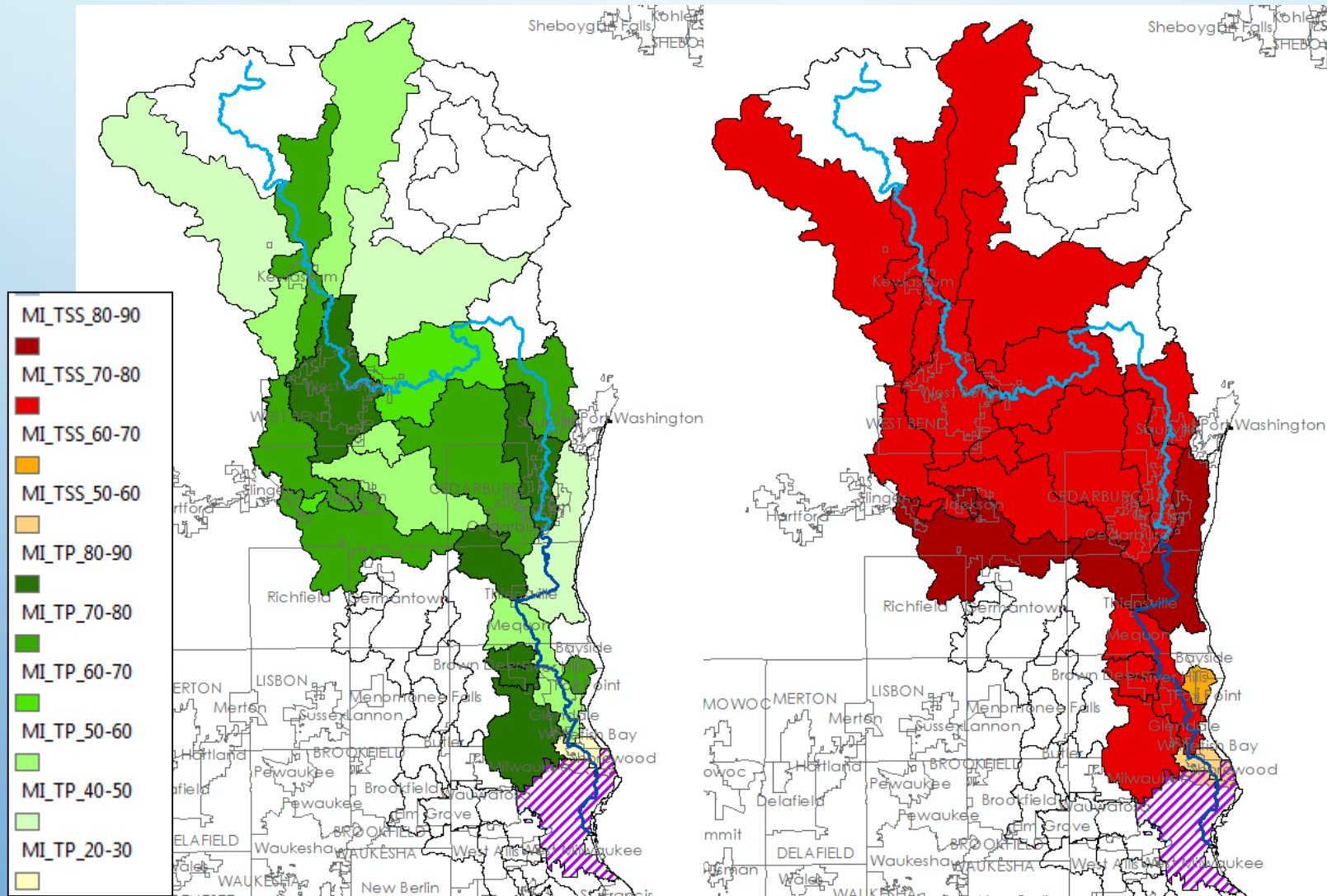
PART 3: PURPOSE AND SCOPE

FOR THE GRANTEE
By: *Joe Kilmeyer*
Authorized Representative
Title: Utilities Superintendent
Date Signed: 10/22/15

FOR THE STATE OF WISCONSIN
By: *Mary Rose Hayes*
Mary Rose Hayes, Director
Bureau of Community Financial Assistance
Date Signed: October 21, 2015

(Printed Name, if Different Than Authorized Representative on P.1)

Milwaukee River Watershed TSS & P % Reduction Goals



MMWQC TSS & P Reduction Goals by TMDL Reachshed

Community*	Reachshed	TSS % Reduction**	P % Reduction**
V of Kewaskum	MI-02, MI-03, MI-04, MI-05	74%, 78%, 77%, 74%	72%, 48%, 56%, 51%
C of West Bend	MI-02, MI-06, MI-07, MI-13, MI-23	74%, 73%, 79%, 74%, 79%	72%, 87%, 67%, 47%, 53%
T of West Bend	MI-06, MI-18, MI-22, MI-23	74%, 77%, 77%, 79%	87%, 72%, 55%, 53%
V of Jackson	MI-18, MI-20, MI-21, MI-22	77%, 81%, 81%, 77%,	72%, 78%, 78% 55%,
V of Saukville	MI-16, MI-17	75%, 76%	78%, 83%
V of Grafton	MI-17, MI-24, MI-25	76%, 74%, 82%	83%, 80%, 42%
T of Grafton	MI-16, MI-17, MI-24, MI-25	75%, 76%, 74%, 82%	78%, 83%, 80%, 42%
C of Cedarburg	MI-24, MI-25, MI-26	74%, 82%, 90%	80%, 42%, 88%
C of Mequon	MI-21, MI-24, MI-25, MI-26, MI-27, MI-28, MN-01, MN-05, MN-06, MN-09	81%, 74%, 82%, 90%, 73%, 73%, 66%, 70%, 74%, 70%	78%, 80%, 42%, 88%, 54%, 88%, 64%, 72%, 69%, 64%
V of Thiensville	MI-25, MI-26, MI-27	82%, 90%, 73%	42%, 88%, 54%

* Washington County and Ozaukee County MS4 areas overlap this entire area

**as compared to no controls

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**as compared to no controls

Storm Water Planning for TMDLs: Examples

- Common Results/Findings:
 - Grass swales control much higher TSS & P than curb & gutter
 - Communities are benefitting from new and redevelopment projects over the past ~ 10 years
 - NR 151 requirements in 2004
 - Urban storm water controls for TSS are expensive; *really* expensive for P

Storm Water Planning for TMDLs: Examples

Community	TSS % (TMDL)	TSS % Controlled	P % (TMDL)	P % Controlled	\$\$ to Reach TMDL Goals
Dousman	66%, 40%	64%, 100%	77%, 41%	63%, 100%	\$675,000 +
Watertown	40%, 44%, 40%	13%, 17%, 10%	28%, 64%, 27%	8%, 12%, 7%	\$13M +
Hartland	59%, 66%	94%, 48%	74%, 77%	70%, 39%	\$3M +
Fox Point	66%, 73%	84%, 83%	76%, 54%	81%, 79%	~
Oconomowoc	59%, 57%, 40%, 66%	40%, 78%, 100%, 92%	74%, 53%, 27%, 77%	32%, 59%, 100%, 87%	\$2.7M + (TSS)

MMWQC Watershed- Style MS4 Permit: Next Steps

