State of Wisconsin
Department of Natural Resources

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BUREAU OF WATERSHED MANAGEMENT

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Final Report (CY 2003 Grants and Prior)

Targeted Runoff Management Grant Program and Urban Nonpoint Source and Storm Water Management Grant Program

Form 3400-189P (R 11/05)

Notice: This final report is authorized by ss. 281.65 and 281.66, Wis. Stats., and chs. NR 153 and NR 155, Wis. Adm. Code. Personally identifiable information collected will be used for program administration and may be made available to requesters as required under Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Instructions: The grant agreement requires grantees to submit a Final Report 60 days after the end date listed in the grant agreement. This Final Report form must be used in conjunction with the "FINAL REPORT INSTRUCTIONS." The instructions detail how to complete and submit the report to DNR.

1. Grant Type

☐ Agricultural - Targeted Runoff Management Grant

☐ Urban - Targeted Runoff Management Grant

☒ Construction - Urban Nonpoint Source & Storm Water Management Grant

☐ Planning - Urban Nonpoint Source & Storm Water Management Grant

2. Grantee & Project Information

Project Name	Grant Number
91st & Dean Wet Detention Basin	**USC-MI03-41251-02**
Governmental Unit Name	Governmental Unit Type (city, village, town, etc.)
City of Milwaukee	**City**
Watershed Name	Watershed Code
Menomonee River	**MI03**
DNR Water Management Unit (River System) Name	Water Body Identification Code (WBIC) (if applicable)
Milwaukee River	**16000**

s. 303(d) Waterbody? ☒ Yes ☐ No

What pollutant(s) were addressed by the project?

Total Suspended Solids

For **each** project site location provide the following: (attach additional sheets if necessary)

Location:		A	B	C	D	E
Minor Civil Division Name		**City of Milwaukee**				
PLSS	Town	**8**				
	Range	**21**				
	Section	**8**				
	Quarter	**1**				
	Quarter-Quarter	**4**				
Latitude		**88 1' 30.0" W**				
Longitude		**43 10' 19.9" N**				
Property Owner(s)	Name	**City of Milwaukee**				
	Mailing address	**841 North Broadway, Mil, WI 53202**				
Site address *(if different than mailing address)*		**8455 North 91st St. Mil, WI 53213**				

3. Summary of Results

A. Performance Standards and Prohibitions and Other Water Resources Management Priorities

For grants issued in calendar year 2006 or later, complete Tables A and B (following) consistent with the entries on your grant application. For grants issued prior to calendar year 2006, complete Tables A and B, *to the best of your knowledge*, consistent with the entries on your grant application.

Table A. Performance Standards and Prohibitions (per ch. NR 151, Wis. Adm. Code, effective October 1, 2002)

Performance Standard or Prohibition	Units of Measure	Quantity	Measurement Method Used
Sheet, rill and wind erosion	Acres meeting T	0	
Manure Storage Facilities: New Construction/Alterations	Number of facilities	N/A	
	Number of animal units	N/A	
Manure Storage Facilities: Closure	Number of facilities	0	
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities	0	
	Number of animal units	0	
Clean Water Diversions in WQMA	Pollutant load reduction	0	
	Number of farms with diversions	0	
	Number animal units	0	
Nutrient Management on Agricultural Land	Acres planned	0	
Prohibition: Manure Storage Overflow	Number of facilities	0	
	Number of animal units	0	
Prohibition: Unconfined Manure Pile in WQMA	Number of farms	0	
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction	0	
	Number of facilities	0	
	Number of animal units	0	
Prohibition: Unlimited Livestock Access	Feet of bank protected	0	
	Number of farms	0	
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced	80000	Code 1001
	% TSS reduction	60%	SLAMM

Table B. Other Water Resources Management Priorities

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected	0	
	Number of farms	0	
Streambank	Tons of bank erosion reduced	0	
	Feet of bank protected	N/A	
Other (specify)		0	
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced	80,000	
	% TSS reduction	60%	
Infiltration	% Pre-development stay-on volume	0	
	Cubic feet stay-on volume	0	
Peak flow discharge	Change in cubic feet per second	0	HEC-1, Hydraflow, TR55
Protective areas	Feet of bank protected	N/A	
Fueling & maintenance areas	Oily sheen presence	0	
Streambank	Tons of bank erosion reduced	0	
	Feet of bank protected	0	
Other (specify)		0	
III. Planning	Units of Measure	Quantity	Measurement Method Used
Quantify how implementation of the planning project decreased storm water impacts on state waters (*i.e.*, storm water plan, I & E plan, *etc.*)	Municipalities planned for	0	
	Acres planned for	0	
Document/track progress made in implementing the planning product (*i.e.*, ordinance, utility district evaluation/formation, storm water management plan information & education, *etc.*)	Municipalities planned for	0	
	Acres planned for	0	
Other (specify)		0	

B. Project Results Narrative

The City will conduct pre- and post dry weather screening and down steam sampling for the analysis of water quality parameters. Also, a comparison of pre- and post of Source Loading and Management Model (SLAMM) parameters will be conducted. The sampling will be conducted in 2006

4. Satisfaction of Notice Requirements (if applicable)

If cost sharing for this project was offered under a formal notice to achieve compliance with performance standards or prohibitions, provide information for each notice in the table below.

Notice Information				Notice Satisfaction Information		
				Satisfied?		
Notice Type	Issue Date	From (Name)	To (Name)	Yes	No	Date Letter Sent
N/A				☐	☐	
				☐	☐	
				☐	☐	
				☐	☐	

5. Summary of Project Challenges

The existence of the flood plain and three wetlands in the project site has exerted limitations on the detention pond sizing

6. Additional Information about the Project (optional)

7. Planning Product (UNPS&SW - Planning Projects only)

☒ Check here if a printed copy of the planning product (e.g., plans, ordinances, analyses) was sent to your DNR Regional Nonpoint Source Coordinator.

Name of Document	Date(s) effective	Date Submitted to NPS Coordinator
Grading and Design plans	**6/6/2003**	**10/23/2003**

8. Grantee Certification:

☒ Check here to certify that, to the best of your knowledge, the information contained in this report is correct and true.

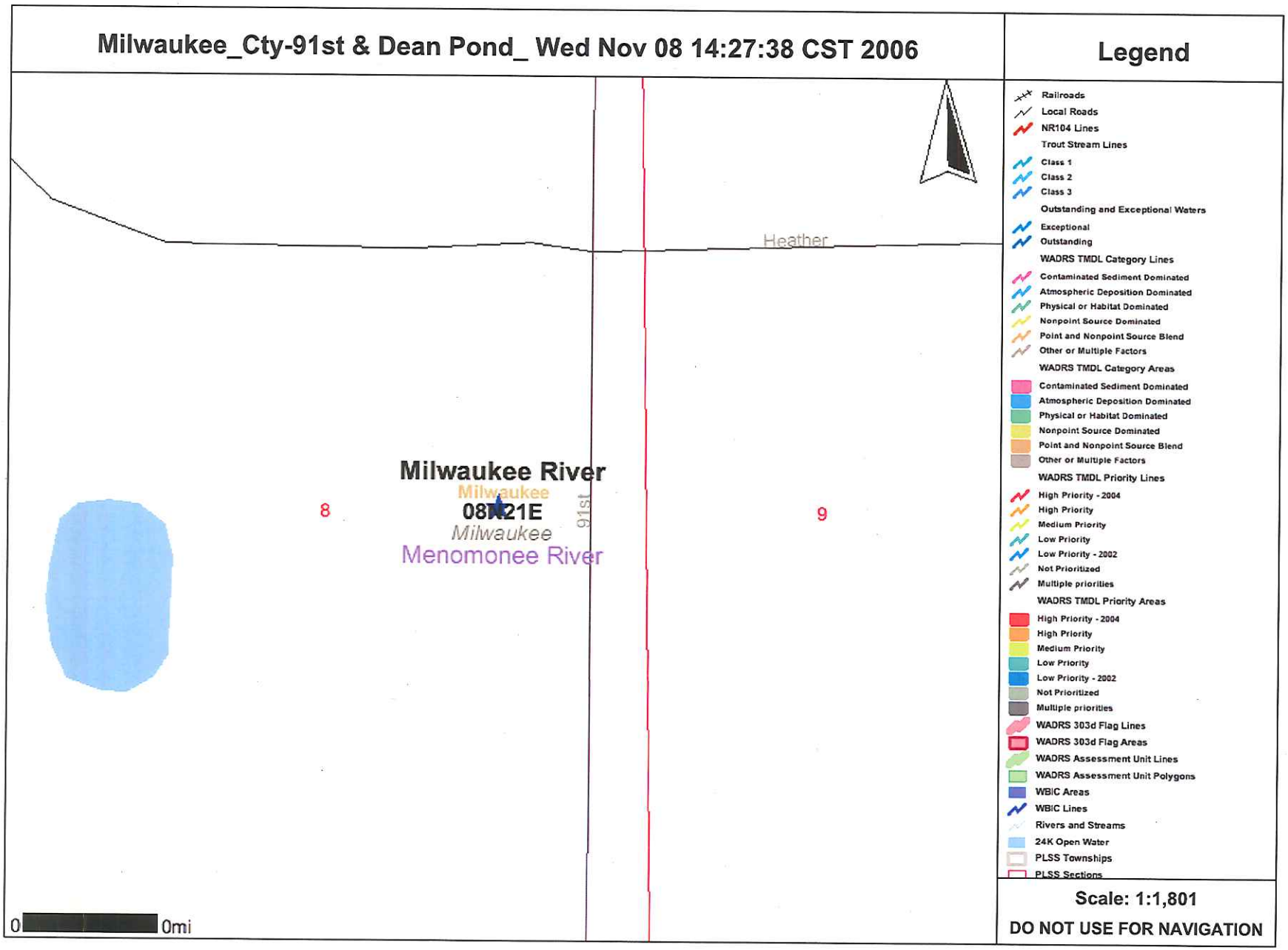
Type or print Name and Title of Authorized Representative certifying here.

Jeffrey Polenske, City Engineer

Signature of Authorized Representative	Date
NMT Jeffrey S Polenske maa	1/6/06

425.4300

Dunn Rd.
Milwaukee


Milwaukee_Cty-91st & Dean Pond_ Wed Nov 08 14:27:38 CST 2006
Heather
Milwaukee River
Milwaukee
08N21E
Milwaukee
Menomonee River
8
9
91st
0
0mi
Legend
Railroads
Local Roads
NR104 Lines
Trout Stream Lines
Class 1
Class 2
Class 3
Outstanding and Exceptional Waters
Exceptional
Outstanding
WADRS TMDL Category Lines
Contaminated Sediment Dominated
Atmospheric Deposition Dominated
Physical or Habitat Dominated
Nonpoint Source Dominated
Point and Nonpoint Source Blend
Other or Multiple Factors
WADRS TMDL Category Areas
Contaminated Sediment Dominated
Atmospheric Deposition Dominated
Physical or Habitat Dominated
Nonpoint Source Dominated
Point and Nonpoint Source Blend
Other or Multiple Factors
WADRS TMDL Priority Lines
High Priority - 2004
High Priority
Medium Priority
Low Priority
Low Priority - 2002
Not Prioritized
Multiple priorities
WADRS TMDL Priority Areas
High Priority - 2004
High Priority
Medium Priority
Low Priority
Low Priority - 2002
Not Prioritized
Multiple priorities
WADRS 303d Flag Lines
WADRS 303d Flag Areas
WADRS Assessment Unit Lines
WADRS Assessment Unit Polygons
WBIC Areas
WBIC Lines
Rivers and Streams
24K Open Water
PLSS Townships
PLSS Sections
Scale: 1:1,801
DO NOT USE FOR NAVIGATION