

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 Kinsey Park Streambank Stabilization Project #SW-03-07	Grant Number USC-MI03-08296-03B <i>68206</i>
Governmental Unit Name Brookfield	Governmental Unit Type (city, village, town, etc.) City
Watershed Name Menomonee River	Watershed Code MI03
DNR Water Management Unit (River System) Name Milwaukee River	Water Body Identification Code (WBIC) (if applicable) -1

s. 303(d) Waterbody? Yes No

What pollutant(s) were addressed by the project?

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

Location:		A	B	C	D	E
Minor Civil Division Name		Brookfield				
PLSS	Town	07N				
	Range	20E				
	Section	36				
	Quarter	SW				
	Quarter-Quarter	NE				
Latitude		88d 4m 39s W				
Longitude		43d 1m 25s N				
Property Owner(s)	Name	City of Brookfield				
	Mailing address	2000 N. Calhoun Rd. Brookfield, WI 53005				
Site address <i>(if different than mailing address)</i>		13300 Kinsey Park Dr. Brookfield, WI 53005				

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		
Manure Storage Facilities: New Construction/Alterations	Number of facilities		
	Number of animal units		
Manure Storage Facilities: Closure	Number of facilities		
Manure Storage Facilities: Failing/Leaking Facilities	Number of facilities		
	Number of animal units		
Clean Water Diversions in WQMA	Pollutant load reduction		
	Number of farms with diversions		
	Number animal units		
Nutrient Management on Agricultural Land	Acres planned		
Prohibition: Manure Storage Overflow	Number of facilities		
	Number of animal units		
Prohibition: Unconfined Manure Pile in WQMA	Number of farms		
Prohibition: Direct Runoff From Feedlot/Stored Manure	Pollutant load reduction		
	Number of facilities		
	Number of animal units		
Prohibition: Unlimited Livestock Access	Feet of bank protected		
	Number of farms		
Urban: 20-40% Reduction in Total Suspended Solids (TSS)	Pounds TSS reduced		
	% TSS reduction		

Table B. Other Water Resources Management Priorities

I. Agricultural Areas	Units of Measure	Quantity	Measurement Method Used
Buffers	Feet of bank protected		
	Number of farms		
Streambank	Tons of bank erosion reduced		
	Feet of bank protected		
Other (specify)			
II. Developed Urban Areas	Units of Measure	Quantity	Measurement Method Used
Urban: 20-40% Reduction in TSS	Pounds TSS reduced		
	% TSS reduction		
Infiltration	% Pre-development stay-on volume		
	Cubic feet stay-on volume		
Peak flow discharge	Change in cubic feet per second		
Protective areas	Feet of bank protected		
Fueling & maintenance areas	Oily sheen presence		
Streambank	Tons of bank erosion reduced	(225-250)	
	Feet of bank protected	1000	
Other (specify)			
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		
	Acres planned for		
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		
	Acres planned for		
Other (specify)			

B. Project Results Narrative

The City of Brookfield began the Kinsey Park Streambank Project in May 2003, substantially completed the project in September 2004, and performed the project closeout in January 2006. With contract change orders, engineering, surveying, and inspection, the project was over \$100,000 under City budget. The City/contractor relationship was not as desirable on this project, but overall the project was a big success. At the start of construction, the tree removal was a big concern for residents who backed up to this wooded area. But the tree removal was key to eliminating erosion. Despite resident opposition, the project progressed, and as the grading and stabilization occurred, residents began to visualize the whole project. The feedback from citizens became more positive as the results of the gentle grading, stabilization, and appropriate plantings was seen. Overall, the investment in the stream stabilization project was profitable for erosion control, aesthetics, and stream quality.

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		
Notice Type	Issue Date	From (Name)	To (Name)	Satisfied?		Date Letter Sent
				Yes	No	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

5. Summary of Project Challenges

The project challenges were mostly based on resident opposition and contractor issues. The Kinsey Park association was against the stabilization from the start, and made the tree removal and construction difficult through bad publicity. The City's relationship with the general contractor on this project was also difficult.

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

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.	Date
Jeff R. Speaker, Mayor	3-6-06

KINSEY PARK STREAMBANK STABILIZATION PROJECT
WDNR Grant #USC-MI03-68296-03B



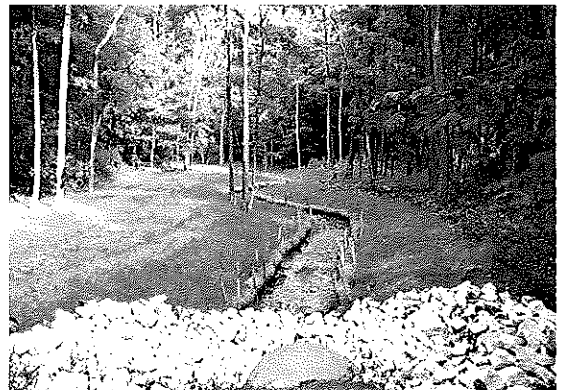
Before



After



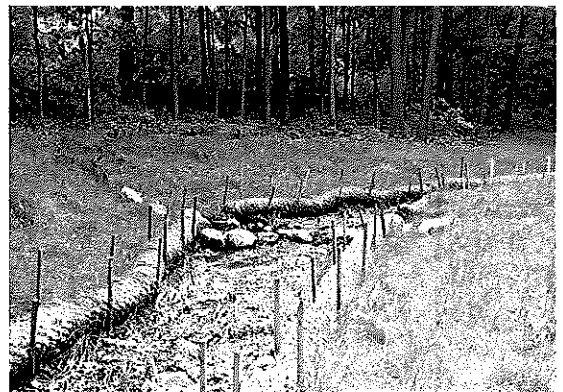
Before



After

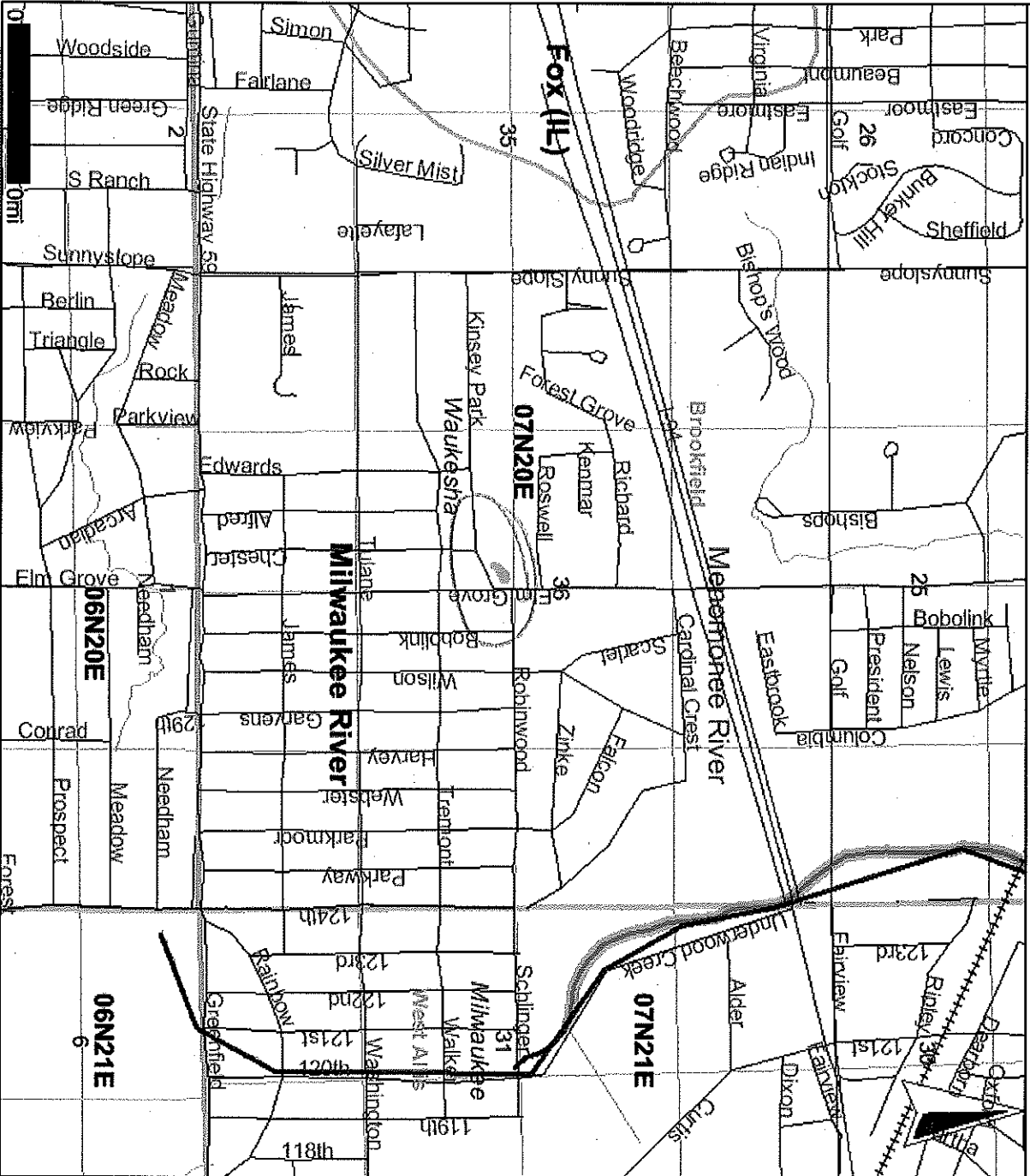


Before



After

Map created Tue Jun 13 08:58:40 CDT 2006



Legend

- Railroads
- Local Roads
- NRT04 Lines
- Outstanding and Exceptional Waters
- Outstanding
- WADRS 303d Flagg Lines
- 30d Flaggd AU
- WADRS 303d Flagg Areas
- 30d Flaggd AU
- WADRS Assessment Unit Lines
- WADRS Assessment Unit Polygons
- WBC Areas
- WBC Lines
- Rivers and Streams
- 24K Open Water
- PLSS Townships
- PLSS Sections
- PLSS Q-Q Sections
- County Boundary
- Civil Towns
- Civil Town
- Municipalities
- Village
- City
- DNR Water Right Units
- 24K Waterbeds
- DNR Major Basins
- 24K State Boundary

Scale: 1:15,889

DO NOT USE FOR NAVIGATION