

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LF03-70008-13

Name: TOWN OF MENASHA: Red Oak Ravine Stream Restoration

Type: NPS Grant

Subtype: Urban Nonpoint - Stormwater Construction

Status: COMPLETE

Start Date: 1/1/2013

End Date: 12/31/2015

Purpose: To Cost-share streambank protection and sediment reduction practices within Red Oak Ravine while assisting the Town of Menasha & the City of Appleton in meeting the requirements of their respective Municipal Stormwater Permits and remedy discharges of sediment and total suspended solids entering waters of the state.

Objective:

Comments: Grantee is TOWN OF MENASHA

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
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Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Best Management Practices, Implement	This project is an installation of nonpoint source best management practices to contribute to the restoration of Wisconsin's waters and was funded by the 319 grant. Specifically, the grantee will cost-share streambank protection and sediment reduction practices within Red Oak Ravine while assisting the Town of Menasha & the City of Appleton in meeting the requirements of their respective Municipal Stormwater Permits and remedy discharges of sediment and total suspended solids.	1/1/2013	12/31/2015	COMPLETE
Runoff Grant - Urban Nonpoint Source & Stormwater Management - Construction		1/1/2013	2/13/2015	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Developed Urban Areas: Other (Please Specify)	Total Phosphorus		72 lbs reduction; 86%
Fueling and Maintenance Areas: Oily sheen presence			
Infiltration: % Pre-development stay-on volume			

Wisconsin Department of Natural Resources
SWIMS Project Summary

Details: Parameter	Value/Amount	Units	Comments
Infiltration: Cubic feet stay-on volume			
NR 216: 20-40% Reduction in TSS - % reduction	86	%	
NR 216: 20-40% Reduction in TSS - Pounds reduced	132400		lbs
Peak Flow Discharge: Change in cubic feet per second			
Protective Areas: Feet of bank protected			
Streambanks: Feet of bank protected			
Streambanks: Tons of bank erosion reduced			
non NR 216: 20-40% Reduction in TSS - % reduction			
non NR 216: 20-40% Reduction in TSS - Pounds reduced			

Grant Awarded	This project is an installation of nonpoint source best management practices to contribute to the restoration of Wisconsin's waters and was funded by the 319 grant. Specifically, the grantee will cost-share streambank protection and sediment reduction practices within Red Oak Ravine while assisting the Town of Menasha & the City of Appleton in meeting the requirements of their respective Municipal Stormwater Permits and remedy discharges of sediment and total suspended solids.	1/1/2013	12/31/2014	COMPLETE
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Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
105500	1	Lou'S Quarry	Lous Quarry
105500	2	Lou'S Quarry	Lous Quarry
113400	1	Unnamed Lake	Unnamed
114100	1	Unnamed Lake	Unnamed
114200	1	Unnamed Lake	Unnamed
114300	1	Unnamed Lake	Unnamed
114400	1	Un Lake	Unnamed
114500	1	Un Lake	Unnamed
115000	1	Un Lake	Unnamed
115100	1	Un Lake	Unnamed

Wisconsin Department of Natural Resources SWIMS Project Summary

117900	3	Lower Fox River (Appleton Dam To L. Winnebago Outlet)	Fox River
117900	4	Fox River (At Oshkosh)	Fox River
117900	7	Fox River	Fox River
117900	14	Fox River (Winnebago to Butte des Morts)	Fox River
129500	1	Mud Creek	Mud Creek
129600	1	Unnamed Stream	Unnamed
129800	1	Little Lake Butte Des Morts	Little Lake Butte Des Morts
129800	2	Little Lake Butte Des Morts -- Menasha - Fritze Park Beach Access	Little Lake Butte Des Morts
129800	3	Little Lake Butte Des Morts (Herb and Dolly Smith Park Beach Access)	Little Lake Butte Des Morts
130500	1	Little Lake Butte Des Morts Tributary	Unnamed
130600	1	Neenah Channel	Neenah Channel
130800	1	Neenah Slough	Neenah Slough
130800	2	Neenah Slough	Neenah Slough
130800	3	Neenah Slough	Neenah Slough
130900	1	Unnamed Stream	Unnamed
131100	1	Lake Winnebago	Lake Winnebago
131100	3	Menominee Park Beach	Lake Winnebago
131100	4	Lake Winnebago - Fresh Air Park Beach	Lake Winnebago
131650	1	Unnamed Trib to Lk Winnebago	Unnamed
131800	1	Unamed	Unnamed
132200	1	Paukotuk-Candlish Creek	Unnamed
132300	1	Local Water	Unnamed
132400	1	Local Water	Unnamed
132600	1	Van Dyne Creek	Van Dyne Creek
132600	2	Van Dyne Creek	Van Dyne Creek
139600	1	Unnamed Lake	Unnamed
139700	1	Campbell Creek	Campbell Creek
139800	1	Sawyer Creek	Sawyer Creek
139800	2	Sawyer Creek	Sawyer Creek
139900	1	Lake Butte Des Morts	Lake Butte des Morts
140000	1	Unamed	Unnamed
140100	1	Honey Creek	Unnamed
140125	1	Unnamed Stream	Unnamed
140200	1	Daggets Creek	Daggets Creek

Wisconsin Department of Natural Resources

SWIMS Project Summary

140200	2	Daggets Creek	Daggets Creek
140300	1	Spring Brook	Spring Brook
140300	2	Spring Brook	Spring Brook
140300	3	Spring Brook	Spring Brook
140500	1	Hogers Bayou (Martin)	Hogers Bayou
140700	1	Waukau Creek	Waukau Creek
140700	2	Waukau Creek	Waukau Creek
140900	2	Fisk Creek	Eightmile Creek
141400	1	Rush Lake	Rush Lake
141500	1	Local Water	Unnamed
141600	1	Henderson Creek	Henderson Creek
142000	2	Unamed	Unnamed
142200	1	Un Lake	Unnamed
142700	1	Un Lake	Unnamed
191000	1	Little Twin Lake	Little Twin Lake
202200	1	Un Lake	Unnamed
202300	1	Un Lake	Unnamed
241300	1	Wolf River-Main Stem	Wolf River
241300	2	Wolf River-Main Stem	Wolf River
241400	1	Local Water	Unnamed
241500	1	Un Lake	Unnamed
241600	1	Winneconne Lake	Lake Winneconne
241600	2	Lake Winneconne Beach	Lake Winneconne
241700	1	Arrowhead River	Arrowhead River
241700	2	Arrowhead River	Arrowhead River
241800	1	Unnamed Stream	Unnamed
242800	1	Poygan Lake	Lake Poygan
243100	1	Alder Creek	Alder Creek
243100	3	Lake Poygan Access near Alder Creek	Alder Creek
243100	4	Alder Creek (Alder Creek Beach/Access at Bay Lane and Lake Poygan)	Alder Creek
243300	1	Pumpkinseed Creek	Pumpkinseed Creek
243300	2	Pumpkinseed Creek	Pumpkinseed Creek
243500	1	Local Water	Unnamed
251700	1	Pages Slough (L. Poygan)	Pages Slough
251800	1	Rat River	Rat River

7/25/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

251800	2	Rat River	Rat River
251900	1	Trib to Rat River	Unnamed
252000	1	Local Water	Unnamed
252200	1	Un Creek (T20n-R15e-S02)	Unnamed
252400	1	Unnamed Trib (WBIC=252400) to Rat River at Pioneer Rd	Unnamed
252900	1	Local Water	Unnamed
3000092	1	Local Water	Unnamed
3000093	1	Unnamed trib to Lake Winnebago	Unnamed
3000094	1	Local Water	Unnamed
5021978	1	Unnamed Stream	Unnamed
5023067	1	Unnamed Stream	Unnamed
5023168	1	Unnamed Stream	Unnamed
5023288	1	Unnamed Stream	Unnamed
5023547	1	Lake Butte Des Morts Trib	Unnamed
5023696	1	Unnamed Stream	Unnamed
5023934	1	Unnamed Stream	Unnamed
5023996	1	Unnamed Stream	Unnamed
5024572	1	Unnamed Stream	Unnamed
5024991	1	Unnamed Stream	Unnamed
5025161	1	Unnamed Stream	Unnamed
5025166	1	Unnamed Stream	Unnamed
5025181	1	Unamed	Unnamed
5025263	1	Unnamed Stream	Unnamed
5025327	1	Unnamed Stream	Unnamed
5025336	1	Unnamed Trib to Fox R	Unnamed
5025342	1	Unnamed Stream	Unnamed
5025371	1	Unnamed Stream	Unnamed
5025390	1	Unnaamed N Trib to Rush Lake	Unnamed
5025582	1	Unnamed Stream	Unnamed
5025698	1	Unnamed Stream	Unnamed
5025733	1	Unnamed Stream	Unnamed
5025747	1	Unnamed Stream	Unnamed
5025803	1	Unnamed Stream	Unnamed
5025813	1	Unnamed Stream	Unnamed
5025847	1	Unnamed Trib to Rush Lake	Unnamed

7/25/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

5025978	1	Local Water	Unnamed
5026080	1	Unnamed Stream	Unnamed
5026108	1	Unnamed Stream	Unnamed
5026127	1	Local Water	Unnamed
5026143	1	Unnamed Stream	Unnamed
5026284	1	Unnamed Stream	Unnamed
5553444	1	Local Water	Unnamed
5553706	1	Unamed	Unnamed
5553829	1	Local Water	Unnamed
5554212	1	Local Water	Unnamed
5554225	1	Local Water	Unnamed
5555027	1	Local Water	Unnamed
5555055	1	Local Water	Unnamed
5555139	1	Local Water	Unnamed
5555217	1	Local Water	Unnamed
5555273	1	Local Water	Unnamed
5555277	1	Local Water	Unnamed
5555300	1	Local Water	Unnamed
5555340	1	Local Water	Unnamed
5555983	1	Local Water	Unnamed
5556066	1	Local Water	Unnamed
5556139	1	Local Water	Unnamed
5556153	1	Local Water	Unnamed
5556610	1	Local Water	Unnamed
5556614	1	Local Water	Unnamed
5556614	2	Winnebago County Community Swim Area	Unnamed
5556638	1	Local Water	Unnamed
5556983	1	Local Water	Unnamed
5557984	1	Unamed	Unnamed
5558060	1	Local Water	Unnamed
5558111	1	Local Water	Unnamed
5558704	1	Local Water	Unnamed
5558873	1	Local Water	Unnamed
5558939	1	Local Water	Unnamed
5558969	1	Local Water	Unnamed

7/25/2024

**Wisconsin Department of Natural Resources
SWIMS Project Summary**

5559003	1	Local Water	Unnamed
5559088	1	Local Water	Unnamed
5559435	1	Local Water	Unnamed
5559494	1	Local Water	Unnamed
5559495	1	Local Water	Unnamed
5559546	1	Local Water	Unnamed
5559579	1	Local Water	Unnamed
5559584	1	Local Water	Unnamed
5559587	1	Local Water	Unnamed
5559650	1	Local Water	Unnamed
5559730	1	Local Water	Unnamed
5559780	1	Local Water	Unnamed
5559796	1	Local Water	Unnamed
5559815	1	Local Water	Unnamed
5559829	1	Local Water	Unnamed
5560161	1	Local Water	Unnamed
5560272	1	Local Water	Unnamed
5560324	1	Local Water	Unnamed
5560597	1	Local Water	Unnamed
5560628	1	Local Water	Unnamed
5582469	1	Local Water	Unnamed
5582472	1	Local Water	Unnamed
5582481	1	Local Water	Unnamed
5582512	1	Local Water	Unnamed
5582530	1	Local Water	Unnamed
5582531	1	Local Water	Unnamed
5582578	1	Local Water	Unnamed
5586849	1	Local Water	Unnamed
5587127	1	Local Water	Unnamed
5587159	1	Local Water	Unnamed
5587394	1	Unnamed Lake	Unnamed
5587404	1	Local Water	Unnamed
5587405	1	Local Water	Unnamed
5589870	1	Local Water	Unnamed
5589871	1	Local Water	Unnamed

Wisconsin Department of Natural Resources
SWIMS Project Summary

5591211	1	Local Water	Unnamed
5591213	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
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Documents

Title	Description	Author	Published	Comments
Red Oak Ravine Stream Restoration - Final Report	Red Oak Ravine Stream Restoration - Final Report	George Dearborn	2/13/2015	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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