

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: 01/01/2013
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 |
|------|------|--------|------------|----------|--------------|----------|
|------|------|--------|------------|----------|--------------|----------|

Project Statuses

| Date | Reported By | Status | Comments |
|------|-------------|--------|----------|
|------|-------------|--------|----------|

Actions

| Action | Detailed Description | Start | End Date | Status |
|--------------------------------------|---|------------|------------|----------|
| 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. | 01/01/2013 | 12/31/2014 | COMPLETE |
| 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. | 01/01/2013 | 12/31/2015 | COMPLETE |

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| Action | Detailed Description | Start | End Date | Status |
|---|--|---------------------|--------------|-----------------------|
| Runoff Grant - Urban Nonpoint Source & Stormwater Management - Construction | | 01/01/2013 | 02/13/2015 | 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 | | | |
| | 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 | | | |

Monitoring Stations

| Station ID | Name | Comments |
|------------|------|----------|
|------------|------|----------|

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 |
| 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 |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--|-----------------------------|
| 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 |
| 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 |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--|----------------------|
| 241600 | 1 | Winneconne Lake | 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 |
| 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 |

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| WBIC | Segment | Local Name | Official Name |
|-------------|----------------|--------------------------------------|----------------------|
| 5025813 | 1 | Unnamed Stream | Unnamed |
| 5025847 | 1 | Unnamed Trib to Rush Lake | Unnamed |
| 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 | Unnamed | 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 |
| 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 |

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| WBIC | Segment | Local Name | Official Name |
|---------|---------|--------------|---------------|
| 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 |
| 5591211 | 1 | Local Water | Unnamed |
| 5591213 | 1 | Local Water | Unnamed |

Lab Account Codes

| Account Code | Description | Start Date | End Date |
|--------------|-------------|------------|----------|
|--------------|-------------|------------|----------|

Forms

| Form Code | Form Name |
|-----------|-----------|
|-----------|-----------|

Methods

| Method Code | Description |
|-------------|-------------|
|-------------|-------------|

Fieldwork Events

| Start Date | Status | Field ID | Station ID | Station Name |
|------------|--------|----------|------------|--------------|
|------------|--------|----------|------------|--------------|

Documents

| Title | Description | Author | Published | Comments |
|--|--|-----------------|------------|----------|
| Red Oak Ravine Stream Restoration - Final Report | Red Oak Ravine Stream Restoration - Final Report | George Dearborn | 02/13/2015 | |

Budget

Wisconsin Department of Natural Resources SWIMS Project Summary

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

| Organization | Source | Type | Amount | Start Date | End Date |
|--------------|--------|------|--------|------------|----------|
|--------------|--------|------|--------|------------|----------|