

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: SER_03_XCMP12

Name: SER Otter Creek and Fisher Creek BMP Implementation Study

Type: TMDL/303d Projects

Subtype: Monitor Listed Waters

Status: ACTIVE

Start Date: 05/01/2011

End Date: 06/30/2012

Purpose: SER staff will conduct field monitoring on ten stream sites within Otter Creek and Fisher Creek Watersheds to determine if implementation of BMPs on rural land use improves the water quality and biological integrity of Otter Creek. Fisher Creek Watershed will serve as a control for the study with no BMP implementation. Fish and benthic macroinvertebrate communities, and stream habitat surveys will be conducted for this study. Monitoring will be done pre (year 1) and post (year 5) BMP implementation. This project budget is for the Year 1 budget.

Objective: Project Justification:
Reducing nonpoint source runoff and associated pollutants would help remove Otter Creek from the Impaired Waters List. Also, successful design and installation of BMPs on a watershed scale could serve as a model for future projects.

Comments: Project paid for by The Nature Conservancy through a grant from the Kohler Foundation.

Outcome: Performance Measures:
1) Number of sample sites associated with the project.
Ten (10).

2) Number of sampling events associated with project.
Total of 40.

3) Estimated date when sample collection will be complete for the first year of monitoring is November 15th, 2011

4) Estimated date when all data will be entered into appropriate database for first year of monitoring is March 30th, 2012

5) Estimated date when first year monitoring report will be complete June 30th, 2012.

Study Design:

QA Measures:

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|--------------------|--------------|----------|------------|------------|---------------|----------|
| MASTERSON, JOHN P | PROJECT_LEAD | ACTIVE | 05/01/2011 | 06/30/2012 | Wisconsin DNR | |
| STEIGER, MATTHEW B | TEAM_MEMBER | INACTIVE | 06/13/2011 | | Wisconsin DNR | |

Project Statuses

| Date | Reported By | Status | Comments |
|------------|----------------|----------|---|
| 05/19/2017 | JOHN MASTERSON | Complete | Project extended to December 31, 2016. Project complete and final report uploaded into SWIMS. |

Actions

| Action | Detailed Description | Start | End Date | Status |
|------------------------------|--|------------|------------|----------|
| Monitor to Evaluate Projects | Project will evaluate the success of agricultural land use BMP implementation on a watershed scale. Reducing nonpoint source runoff and associated pollutants would help remove Otter Creek from the Impaired Waters List. Also, successful design and installation of BMPs on a watershed scale could serve as a model for future projects. | 05/01/2011 | 06/30/2012 | PROPOSED |

Monitoring Stations

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| Station ID | Name | Comments |
|------------|---|----------|
| 10033783 | Fisher Creek - 125 meters downstream of CTH FF | |
| 10033782 | Fisher Creek - Upstream of CTHY A | |
| 10033781 | Fisher Creek - Upstream of Highway 32 | |
| 10010378 | Otter Creek - Otter Creek1atSth 57 (~480m Upstream) | |
| 10033733 | Otter Creek - S of Green Tree Road | |
| 10033779 | Otter Creek - Upstream of Willow Road | |
| 10033784 | Unnamed Trib to Fisher Cr - US of Highland Rd | |
| 10033732 | Unnamed Trib to Otter Creek - DS of Green Tree Road | |
| 10033735 | Unnamed Trib to Otter Creek - US of Gerber Lake Road | |
| 10016378 | Unnamed Trib/Jetzer Lk. Out. - Upstream Of Confluence With Fisher Creek | |
| 10033736 | Unnamed Tributary to Otter Creek - Upstream of CTH A | |

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|-------|---------|-------------------------|---------------|
| 56400 | 1 | Otter Creek | Otter Creek |
| 56500 | 1 | Local Water | Unnamed |
| 62500 | 1 | Fisher Creek | Fisher Creek |
| 62600 | 1 | Jetzers Creek Tributary | 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 |
|------------|----------|----------------|------------|---|
| 11/04/2011 | COMPLETE | 20111104-60-02 | 10033779 | Otter Creek - Upstream of Willow Road |
| 11/04/2011 | COMPLETE | 20111104-60-03 | 10010378 | Otter Creek - Otter Creek1atSth 57 (~480m Upstream) |
| 11/04/2011 | COMPLETE | 20111104-60-04 | 10033735 | Unnamed Trib to Otter Creek - US of Gerber Lake Road |
| 11/14/2011 | COMPLETE | 20111114-60-01 | 10033781 | Fisher Creek - Upstream of Highway 32 |
| 11/14/2011 | COMPLETE | 20111114-60-02 | 10016378 | Unnamed Trib/Jetzer Lk. Out. - Upstream Of Confluence With Fisher Creek |
| 11/14/2011 | COMPLETE | 20111114-60-03 | 10033782 | Fisher Creek - Upstream of CTHY A |
| 11/14/2011 | COMPLETE | 20111114-60-04 | 10033784 | Unnamed Trib to Fisher Cr - US of Highland Rd |
| 11/14/2011 | COMPLETE | 20111114-60-05 | 10033783 | Fisher Creek - 125 meters downstream of CTH FF |
| 11/14/2011 | COMPLETE | 20111114-60-06 | 10033736 | Unnamed Tributary to Otter Creek - Upstream of CTH A |
| 11/14/2011 | COMPLETE | 20111114-60-07 | 10033733 | Otter Creek - S of Green Tree Road |
| 11/14/2011 | COMPLETE | 20111114-60-08 | 10033732 | Unnamed Trib to Otter Creek - DS of Green Tree Road |
| 10/16/2015 | COMPLETE | | 10033736 | Unnamed Tributary to Otter Creek - Upstream of CTH A |
| 10/21/2015 | COMPLETE | | 10016378 | Unnamed Trib/Jetzer Lk. Out. - Upstream Of Confluence With Fisher Creek |
| 10/21/2015 | COMPLETE | | 10033783 | Fisher Creek - 125 meters downstream of CTH FF |
| 10/21/2015 | COMPLETE | | 10033781 | Fisher Creek - Upstream of Highway 32 |

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| Start Date | Status | Field ID | Station ID | Station Name |
|------------|----------|----------|------------|--|
| 10/21/2015 | COMPLETE | | 10033784 | Unnamed Trib to Fisher Cr - US of Highland Rd |
| 10/21/2015 | COMPLETE | | 10033782 | Fisher Creek - Upstream of CTHY A |
| 10/22/2015 | COMPLETE | | 10033735 | Unnamed Trib to Otter Creek - US of Gerber Lake Road |
| 10/22/2015 | COMPLETE | | 10033732 | Unnamed Trib to Otter Creek - DS of Green Tree Road |
| 10/22/2015 | COMPLETE | | 10033733 | Otter Creek - S of Green Tree Road |
| 10/22/2015 | COMPLETE | | 10010378 | Otter Creek - Otter Creek1atSth 57 (~480m Upstream) |
| 10/22/2015 | COMPLETE | | 10033779 | Otter Creek - Upstream of Willow Road |

Documents

| Title | Description | Author | Published | Comments |
|---|---|----------------|------------|----------|
| Physical and Biological Monitoring of Select Streams within the Otter Creek and Fisher Creek Watersheds | Physical and Biological Monitoring of Select Streams within the Otter Creek and Fisher Creek Watersheds | John Masterson | 01/01/2017 | |

Budget

Budget Description: Budget for SER_03_CMP12 - Otter Creek and Fisher Creek BMP Implementation Study **Start Date:** 05/01/2011 **End Date:** 06/30/2012

| Code | Description | Quantity | Units | Unit Cost | Total Cost | Comments |
|--------------|-----------------------------------|----------|-------|-----------|--------------------|--|
| FTE | FTE Hours | 400 | Hours | \$0.00 | \$0.00 | |
| LTE SAL | LTE Salary | 370 | Hours | \$14.00 | \$5,180.00 | |
| LTE FR | LTE Fringe | | | | \$1,279.46 | |
| LTE IND | LTE Indirect | | | | \$1,044.49 | |
| LTE TOT | LTE Total Cost | | | | \$7,503.95 | |
| SUPPLY | Supplies | 1 | | \$428.00 | \$428.00 | |
| MILEAGE | Mileage | 1000 | Miles | \$0.72 | \$720.00 | |
| MEAL | Meals | 20 | Meals | \$9.00 | \$180.00 | |
| LODGE | Lodging | | | | \$0.00 | |
| TRAVEL | Travel Total | | | | \$900.00 | |
| BUG | Bug Contracts | 10 | | \$148.00 | \$1,480.00 | |
| OTHER | Other Contracts | | | | \$0.00 | |
| EQUIP | Equipment | | | | \$0.00 | |
| USGS | USGS Costs | | | | \$0.00 | |
| TOTAL | Total Cost (excludes SLOH) | | | | \$10,311.95 | Project paid for by The Nature Conservancy through a grant from the Kohler Foundation. |

| Test Code | Description | Test Group | # Planned | Unit Cost | Total Cost |
|------------------------------|-------------|------------|-----------|-------------|------------|
| Total SLOH Lab Costs: | | | | \$0.00 | |
| Total Budget: | | | | \$10,311.95 | |
| Combined Budgets: | | | | \$10,311.95 | |
| Combined SLOH: | | | | \$0.00 | |
| Combined Total: | | | | \$10,311.95 | |

Funding

May 10, 2021

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| Organization | Source | Type | Amount | Start Date | End Date |
|------------------------|---------------|-------------|---------------|-------------------|-----------------|
| The Nature Conservancy | Nonprofit | In-Kind | \$10,245.06 | 07/01/2011 | 06/30/2012 |