

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: ACEI-119-12

Name: THE NATURE CONSERVANCY: AIS Control Grant for Lulu Lake & Mukwonago River

Type: Aquatic Invasives Grant

Subtype: Aquatic Invasives Control

Status: COMPLETE

Start Date: 4/1/2012

End Date: 6/30/2015

Purpose: The Nature Conservancy will continue a mapping and removal project for several invasive species. The project will take place on the Mukwonago River, Lulu Lake, Crooked Creek and Ann Meyer preserves, all owned by the Nature Conservancy. Work will also take place along a six mile stretch of the Mukwonago River. The work will be done by a combination of Conservancy staff, volunteers and contractors. The project includes control of Phragmites, purple loosestrife, reed canary grass, buckthorn, Eurasian water milfoil, hybrid cattail and narrow leafed cattail. Control methods include hand pulling, hand cutting, backpack chemical treatment and beetle rearing/dispersal. Nature Conservancy interns in canoes will also intercept boaters utilizing the channel between Lulu and Eagle Springs and speak about reversing their motors to prevent the spread of exotic species. Carroll University students will conduct water quality sampling on the Mukwonago River. The project deliverable will be a final report that details the control methods utilized, the partnerships that assisted with the project, the result of the treatment, copies of all the maps generated and summary statistics regarding the successes and shortcomings of the treatments utilized.

Objective:

Comments: Grantee is THE NATURE CONSERVANCY

Outcome:

Study Design:

QA Measures:

People

| Name | Role | Status | Start Date | End Date | Organization | Comments |
|-----------------------|-----------------|----------|------------|----------|-------------------------------------|----------|
| Giese, Laura A.B. | TEAM_MEMBER | ACTIVE | 1/1/2014 | | Artemis Natural Resource Management | |
| Hueter-Wil, Elizabeth | TEAM_MEMBER | ACTIVE | 11/20/2014 | | | |
| Lubner, Victoria | TEAM_MEMBER | ACTIVE | 10/8/2015 | | The Nature Conservancy | |
| Nature Conservancy, | GRANT_RECIPIENT | ACTIVE | 4/1/2012 | | Nature Conservancy | |
| Ziegler, Jerry | TEAM_MEMBER | COMPLETE | 7/17/2014 | 2/9/2021 | The Nature Conservancy | |

Project Statuses

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

Actions

Wisconsin Department of Natural Resources SWIMS Project Summary

| Action | Detailed Description | Start Date | End Date | Status |
|-----------------------------------|---|------------|------------|----------|
| Control Invasive Species | Worked to control Phragmites, purple loosestrife, reed canary grass, buckthorn, Eurasian water milfoil and narrow leafed cattail. Control methods include hand pulling, hand cutting, backpack chemical treatment and beetle rearing/dispersal. | 4/1/2010 | 12/31/2012 | PROPOSED |
| Map Invasive Species | | 4/1/2010 | | PROPOSED |
| Information and Education | Nature Conservancy interns in canoes will also intercept boaters utilizing the channel between Lulu and Eagle Springs and speak about reversing their motors to prevent the spread of exotic species | 4/1/2012 | 6/30/2015 | PROPOSED |
| Monitor Water Quality or Sediment | Conduct water quality sampling on the Mukwonago River | 4/1/2012 | 6/30/2015 | PROPOSED |
| Grant Awarded | Grant ACEI-119-12 awarded | 4/1/2012 | 6/30/2015 | COMPLETE |

Monitoring Stations

| Station ID | Name | Comments |
|------------|--|----------|
| 653259 | Lulu Lake - Deep Hole | |
| 10042629 | Lulu Lake Northern Site | |
| 10029269 | Mukwonago River 110m DS Bluff Rd Bridge | |
| 10029290 | Mukwonago River at Bluff Rd Bridge | |
| 10029287 | Mukwonago River at Nature Rd Bridge | |
| 10042630 | Unnamed Trib to Lulu Lake | |
| 10037404 | Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd | |
| 10042628 | Unnammed Trib to Muckwonago R | |

Assessment Units

| WBIC | Segment | Local Name | Official Name |
|---------|---------|--------------------------------------|--------------------|
| 765500 | 1 | Mukwonago River | Mukwonago River |
| 765500 | 2 | Mukwonago River | Mukwonago River |
| 765500 | 3 | Mukwonago River | Mukwonago River |
| 765500 | 4 | Mukwonago River | Mukwonago River |
| 765800 | 1 | Lower Phantom Lake | Lower Phantom Lake |
| 768600 | 1 | Eagle Spring Lake | Eagle Spring Lake |
| 768800 | 1 | Lulu Lake | Lulu Lake |
| 768900 | 1 | Un. Trib. to Lulu Lake feeder stream | Unnamed |
| 5038484 | 1 | Local Water | Unnamed |
| 5589731 | 1 | Local Water | Unnamed |

Lab Account Codes

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

| Account Code | Description | Start Date | End Date | |
|-------------------------|--|----------------------|------------|--|
| Forms | | | | |
| Form Code | Form Name | | | |
| PROJECT_RED | Project Riverine Early Detection (RED) | | | |
| Methods | | | | |
| Method Code | Method Description | | | |
| Fieldwork Events | | | | |
| Start Date | Status | Field ID | Station ID | Station Name |
| 8/10/2012 | COMPLETE | | 10042630 | Unnamed Trib to Lulu Lake |
| 8/13/2013 | COMPLETE | | 10029287 | Mukwonago River at Nature Rd Bridge |
| 8/23/2013 | COMPLETE | | 10037404 | Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd |
| 8/25/2013 | COMPLETE | | 10042628 | Unnammed Trib to Muckwonago R |
| 8/25/2013 | COMPLETE | | 10029290 | Mukwonago River at Bluff Rd Bridge |
| 9/12/2013 | COMPLETE | | 10029269 | Mukwonago River 110m DS Bluff Rd Bridge |
| 9/27/2013 14:03 | COMPLETE | MUKWONAGO RIVER NR1 | 10029287 | Mukwonago River at Nature Rd Bridge |
| 9/27/2013 14:25 | COMPLETE | MUKWONAGO RIVER BR-W | 10029290 | Mukwonago River at Bluff Rd Bridge |
| 9/27/2013 14:29 | COMPLETE | MUKWONAGO RIVER BR-E | 10029269 | Mukwonago River 110m DS Bluff Rd Bridge |
| 9/27/2013 14:54 | COMPLETE | MUKWONAGO RIVER BR2 | 10042628 | Unnammed Trib to Muckwonago R |
| 9/27/2013 15:13 | COMPLETE | UNNAMED TRIB BR3 | 10037404 | Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd |
| 9/27/2013 15:29 | COMPLETE | UNNAMED TRIB BR4 | 10042630 | Unnamed Trib to Lulu Lake |
| 9/27/2013 15:58 | COMPLETE | LULU LAKE BR5 | 10042629 | Lulu Lake Northern Site |
| 6/27/2014 8:30 | COMPLETE | #1 | 10042630 | Unnamed Trib to Lulu Lake |
| 6/27/2014 9:10 | COMPLETE | #2 | 10037404 | Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd |
| 6/27/2014 9:30 | COMPLETE | #3 | 10042628 | Unnammed Trib to Muckwonago R |
| 6/27/2014 9:50 | COMPLETE | #4 | 10029269 | Mukwonago River 110m DS Bluff Rd Bridge |
| 6/27/2014 10:04 | COMPLETE | #5 | 10029287 | Mukwonago River at Nature Rd Bridge |
| 6/27/2014 11:00 | COMPLETE | #6 | 10042629 | Lulu Lake Northern Site |
| 6/3/2015 8:19 | COMPLETE | LULU LAKE 6 | 653259 | Lulu Lake - Deep Hole |
| 6/3/2015 9:01 | COMPLETE | NATURE RD CROSSING 5 | 10029287 | Mukwonago River at Nature Rd Bridge |
| 6/3/2015 9:19 | COMPLETE | BLUFF RD CROSSING 4 | 10029290 | Mukwonago River at Bluff Rd Bridge |

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

| | | | | |
|----------------|----------|-------------------|----------|---|
| 6/3/2015 9:35 | COMPLETE | W3593 BLUFF RD 3 | 10029290 | Mukwonago River at Bluff Rd Bridge |
| 6/3/2015 10:01 | COMPLETE | BLUFF RD AT DAM 2 | 10029269 | Mukwonago River 110m DS Bluff Rd Bridge |

Documents

| Title | Description | Author | Published | Comments |
|--|---|--------------------|------------|----------|
| Lulu Lake & Mukwonago Wetlands AIS Approval Letter | The approval letter for the Lulu Lake & Mukwonago Wetlands AIS plan. | Heidi Bunk | 1/29/2015 | |
| Lulu Lake & Mukwonago River Sample Sites Map | Map of seven stations sampled by the Nature Conservancy to control AIS on Lulu Lake & Mukwonago River (project ID ACEI-119-12). | Nature Conservancy | 8/27/2014 | |
| Pre-proposal for AIS Established Infestation Control Project | The pre application document for the AIS Established Infestation Control Project on Lulu Lake and the Mukwonago River wetlands west of Lulu Lake. | Jerry Ziegler | 11/15/2014 | |

Budget

Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding

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