

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: 04/01/2012
End Date: 06/30/2015
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	01/01/2014		Artemis Natural Resource Management	
Hueter-Wil, Elizabeth	TEAM_MEMBER	ACTIVE	11/20/2014			
Lubner, Victoria	TEAM_MEMBER	ACTIVE	10/08/2015		The Nature Conservancy	
Nature Conservancy,	GRANT_RECIPII	ACTIVE	04/01/2012		Nature Conservancy	
Ziegler, Jerry	TEAM_MEMBER	ACTIVE	07/17/2014		The Nature Conservancy	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	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.	04/01/2010	12/31/2012	PROPOSED
Map Invasive Species		04/01/2010		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	04/01/2012	06/30/2015	PROPOSED
Grant Awarded	Grant ACEI-119-12 awarded	04/01/2012	06/30/2015	COMPLETE

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Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment	Conduct water quality sampling on the Mukwonago River	04/01/2012	06/30/2015	PROPOSED

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

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
PROJECT_RED	Project Riverine Early Detection (RED)

Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
08/10/2012	COMPLETE		10042630	Unnamed Trib to Lulu Lake
08/13/2013	COMPLETE		10029287	Mukwonago River at Nature Rd Bridge
08/23/2013	COMPLETE		10037404	Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd
08/25/2013	COMPLETE		10042628	Unnammed Trib to Muckwonago R
08/25/2013	COMPLETE		10029290	Mukwonago River at Bluff Rd Bridge
09/12/2013	COMPLETE		10029269	Mukwonago River 110m DS Bluff Rd Bridge
09/27/2013 14:03	COMPLETE	MUKWONAGO RIVI	10029287	Mukwonago River at Nature Rd Bridge

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Start Date	Status	Field ID	Station ID	Station Name
09/27/2013 14:25	COMPLETE	MUKWONAGO RIVI	10029290	Mukwonago River at Bluff Rd Bridge
09/27/2013 14:29	COMPLETE	MUKWONAGO RIVI	10029269	Mukwonago River 110m DS Bluff Rd Bridge
09/27/2013 14:54	COMPLETE	MUKWONAGO RIVI	10042628	Unnammed Trib to Muckwonago R
09/27/2013 15:13	COMPLETE	UNNAMED TRIB BR	10037404	Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd
09/27/2013 15:29	COMPLETE	UNNAMED TRIB BR	10042630	Unnamed Trib to Lulu Lake
09/27/2013 15:58	COMPLETE	LULU LAKE BR5	10042629	Lulu Lake Northern Site
06/27/2014 08:30	COMPLETE	#1	10042630	Unnamed Trib to Lulu Lake
06/27/2014 09:10	COMPLETE	#2	10037404	Unnamed Tributary (WBIC=768900) DS of Bluff Road W of Kettle Cove Rd
06/27/2014 09:30	COMPLETE	#3	10042628	Unnammed Trib to Muckwonago R
06/27/2014 09:50	COMPLETE	#4	10029269	Mukwonago River 110m DS Bluff Rd Bridge
06/27/2014 10:04	COMPLETE	#5	10029287	Mukwonago River at Nature Rd Bridge
06/27/2014 11:00	COMPLETE	#6	10042629	Lulu Lake Northern Site
06/03/2015 08:19	COMPLETE	LULU LAKE 6	653259	Lulu Lake - Deep Hole
06/03/2015 09:01	COMPLETE	NATURE RD CROSS	10029287	Mukwonago River at Nature Rd Bridge
06/03/2015 09:19	COMPLETE	BLUFF RD CROSSI	10029290	Mukwonago River at Bluff Rd Bridge
06/03/2015 09:35	COMPLETE	W3593 BLUFF RD C	10029290	Mukwonago River at Bluff Rd Bridge
06/03/2015 10:01	COMPLETE	BLUFF RD AT DAM	10029269	Mukwonago River 110m DS Bluff Rd Bridge

Documents

Title	Description	Author	Published	Comments
Lulu Lake & Mukwanago Wetlands AIS Approval Letter	The approval letter for the Lulu Lake & Mukwanago Wetlands AIS plan.	Heidi Bunk	01/29/2015	
Lulu Lake & Mukwonago River Sample Sites Map	Map of seven stations sampled by the Nature Conservancy to control AIS on Lulu Lake & Muckwonago River (project ID ACEI-119-12).	Nature Conservancy	08/27/2014	
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 SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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