

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

Project ID:

AIRR-096-11

Name:

CITY OF MIDDLETON: Water Lettuce & Hyacinth

Type:

Aquatic Invasives Grant

Subtype:

Aquatic Invasives Early Detection and Response

Status:

COMPLETE

Start Date:

8/16/2010

End Date:

12/31/2011

Purpose:

The City of Middleton proposes to manually remove the large population of water lettuce and minor population of water hyacinth from two detention ponds in Orchid Heights Park, Middleton, as well as a small number of plants that have been transported downstream into the Pheasant Branch Marsh. All plants larger than 2\201D in diameter will be removed to prevent viable seed production because there is a risk that the seeds could overwinter in microhabitats kept warm by groundwater fed springs through the winter. Education of local residents will also take place, and the sites will be monitored for these species in 2011.

Objective:

Comments:

Grantee is CITY OF MIDDLETON

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
CITY OF MIDDLETON,	GRANT_RECIPIENT	COMPLETE	8/16/2010	12/31/2011	CITY OF MIDDLETON	

Project Statuses

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

Actions

Action	Detailed Description	Start Date	End Date	Status
Monitor Invasive Species		8/16/2010	12/31/2011	PROPOSED
Control Invasive Species		8/16/2010	12/31/2011	PROPOSED
Information and Education		8/16/2010	12/31/2011	PROPOSED
Grant Awarded	AIRR-096-11	8/16/2010	12/31/2011	COMPLETE

Monitoring Stations

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

Assessment Units

WBIC	Segment	Local Name	Official Name
783730	1	Esser Pond	Esser Pond

Wisconsin Department of Natural Resources  
SWIMS Project Summary

783740	1	Tiedemans Pond	Tiedemans Pond
783750	1	Stricker Pond	Strickers Pond
805400	1	Mendota Lake	Lake Mendota
805600	2	Spring (Dorn) Creek	Dorn Creek
805900	1	Pheasant Branch	Pheasant Branch
805900	2	Pheasant Branch	Pheasant Branch
873950	1	Graber-Dehner Pond	Graber Pond
5574575	1	Local Water	Unnamed
5574584	1	Local Water	Unnamed
5574761	1	Local Water	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
AS008	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS009	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099
AS010	AQUATIC INVASIVE SPECIES (PLANNING GRANT)	1/1/1960	12/31/2099

Forms

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

Methods

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

Fieldwork Events

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

Documents

Title	Description	Author	Published	Comments
Middleton Times-Tribune Article: Non-Native Plants Emerge at Orchid Heights		Matt Geiger	9/30/2010	
Orchid Heights Water Hyacinth and Water Lettuce Emergency Control Project Location		Thompsons and Associates Wetland Services		

## Wisconsin Department of Natural Resources SWIMS Project Summary

Pheasant Branch photos with text for AIRR-096-111	Water hyacinth and water lettuce in Orchid Heights pond which overflows to Pheasant Branch Conservancy-photos with text	Susan Graham	12/14/2016	City of Middleton, DNR staff, Dane County staff, volunteers from Friends of Pheasant Branch Conservancy, and consultants removed the entire population of water lettuce and water hyacinth by hand, down to every last plant we could find. By using kayaks, and walking in the ponds, people used hand held nets, and swimming pool land dividers to corral floating plants, where plants were then pitchforked onto a conveyor belt up into a dump truck. Plants were then disposed of at the county compost site. Followup inspections were done in the days and weeks following this eradication effort, and also every year following that until 2016, when the ponds were dredged for maintenance. No plants have been found in any of those inspections
September 2010 Aerial Extent of Invasive Water Lettuce and Water Hyacinth		Thompson and Associates, Wetland Services		
WH and WL_8060011_Pheasant Branch_1	WH and WL in Orchids Heights pond that overflows to the Pheasant Branch Conservancy	Susan Graham	12/14/2011	City of Middleton, DNR staff, Dane County staff, volunteers from Friends of Pheasant Branch Conservancy, and consultants removed the entire population of water lettuce and water hyacinth by hand, down to every last plant we could find. By using kayaks, and walking in the ponds, people used hand held nets, and swimming pool land dividers to corral floating plants, where plants were then pitchforked onto a conveyor belt up into a dump truck. Plants were then disposed of at the county compost site. Followup inspections were done in the days and weeks following this eradication effort, and also every year following that until 2016, when the ponds were dredged for maintenance. No plants have been found in any of those inspections.

## Wisconsin Department of Natural Resources SWIMS Project Summary

WH and WL_8060011_Pheasant Branch_2	Water hyacinth and water lettuce in Orchids Heights pond that overflows to the Pheasant Branch Conservancy	Susan Graham	12/14/2016	City of Middleton, DNR staff, Dane County staff, volunteers from Friends of Pheasant Branch Conservancy, and consultants removed the entire population of water lettuce and water hyacinth by hand, down to every last plant we could find. By using kayaks, and walking in the ponds, people used hand held nets, and swimming pool land dividers to corral floating plants, where plants were then pitchforked onto a conveyor belt up into a dump truck. Plants were then disposed of at the county compost site. Followup inspections were done in the days and weeks following this eradication effort, and also every year following that until 2016, when the ponds were dredged for maintenance. No plants have been found in any of those inspections.
WH and WL_8060011_Pheasant Branch_3	Water hyacinth and water lettuce in Orchid Heights pond which overflows to the Pheasant Branch Conservancy	Susan Graham	12/14/2016	City of Middleton, DNR staff, Dane County staff, volunteers from Friends of Pheasant Branch Conservancy, and consultants removed the entire population of water lettuce and water hyacinth by hand, down to every last plant we could find. By using kayaks, and walking in the ponds, people used hand held nets, and swimming pool land dividers to corral floating plants, where plants were then pitchforked onto a conveyor belt up into a dump truck. Plants were then disposed of at the county compost site. Followup inspections were done in the days and weeks following this eradication effort, and also every year following that until 2016, when the ponds were dredged for maintenance. No plants have been found in any of those inspections.

Wisconsin Department of Natural Resources  
SWIMS Project Summary

WH and WL_8060011_Pheasant Branch_4	Water hyacinth and water lettuce in Orchid Heights pond which overflows to the Pheasant Branch Conservancy	Susan Graham	12/14/2016	City of Middleton, DNR staff, Dane County staff, volunteers from Friends of Pheasant Branch Conservancy, and consultants removed the entire population of water lettuce and water hyacinth by hand, down to every last plant we could find. By using kayaks, and walking in the ponds, people used hand held nets, and swimming pool land dividers to corral floating plants, where plants were then pitchforked onto a conveyor belt up into a dump truck. Plants were then disposed of at the county compost site. Followup inspections were done in the days and weeks following this eradication effort, and also every year following that until 2016, when the ponds were dredged for maintenance. No plants have been found in any of those inspections
Water Hyacinth and Water Lettuce Emergency Control Project		Alice L. Thompson and Stefanie M. Nadeau, Thompson and Associates Wetland Services	11/12/2010	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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