

## Wisconsin Department of Natural Resources SWIMS Project Summary

### General Project Information

**Project ID:** LPL-1159-07

**Name:** TOWN OF BOULDER JUNCTION: Gresham Lakes Management Plan - Phase 4 Lower Gresham Lake

**Type:** Lakes Grant

**Subtype:** Large Scale Lake Planning

**Status:** COMPLETE

**Start Date:** 4/1/2007

**End Date:** 6/30/2009

**Purpose:** The Town of Boulder Junction is sponsoring large scale lake planning grants to study the Gresham Chain of Lakes in Vilas County with a study completion date of December 31, 2008. The project will focus on developing a Lake Management Plan (LMP) for the Gresham Chain of Lakes. Completion of a LMP will allow for potential Aquatic Invasive Species (AIS) cost sharing grants and permits for Eurasian water-milfoil (EWM) control.

Project activities include:

- 1) Stakeholder participation - kick-off meeting, survey, planning meetings (up to 2), wrap-up meeting, news release, newsletter article, and progress report
- 2) Water quality sampling (Secchi, P, Chla, N, Conductivity, pH, Alkalinity, Total Suspended solids, Calcium, DO, and temp)
- 3) Curly-leaf pondweed survey on entire Chain
- 4) Point-intercept aquatic plant survey on Lower Gresham Lake with 2 sets of pressed aquatic plants
- 5) Spring EWM assessment on Upper Gresham Lake
- 6) Aquatic plant community mapping
- 7) Fisheries assessment
- 8) Watershed assessment
- 9) Zebra mussel monitoring
- 10) Develop LMP

Project deliverables include:

- 1) Stakeholder survey, news release, newsletter article, and progress report
- 2) Aquatic plant community and watershed maps
- 3) Point-intercept aquatic plant data and 2 sets of pressed aquatic plants from Lower Gresham Lake
- 4) LMP

Specific conditions for this project:

- Draft of stakeholder survey should be submitted to Lakes Management Coordinator for review before sending to public
- LMP needs Dept review and approval

WDNR Lakes Management Coordinator will be provided with an electronic (pdf or word) and hard copy of LMP, news release, newsletter article, progress report, stakeholder survey, data from watershed assessment and point-intercept aquatic plant survey, set of pressed aquatic plants, and all maps from project.

**Objective:**

**Comments:** Grantee is TOWN OF BOULDER JUNCTION

**Outcome:**

**Study Design:**

**QA Measures:**

### People

Name	Role	Status	Start Date	End Date	Organization	Comments
Ehmke, Robert J	TEAM_MEMBER	ACTIVE	4/1/2007	6/30/2009		
Town of Boulder Junction,	GRANT_RECIPIENT	ACTIVE	4/1/2007	6/30/2009	Town of Boulder Junction	

## Wisconsin Department of Natural Resources SWIMS Project Summary

Project Statuses					
Date	Reported By	Status	Comments		
<b>Actions</b>					
Action	Detailed Description		Start Date	End Date	Status
Grant Awarded	The Town of Boulder Junction is sponsoring large scale lake planning grants to study the Gresham Chain of Lakes in Vilas County with a study completion date of December 31, 2008. The project will focus on developing a Lake Management Plan (LMP) for the Gresham Chain of Lakes. Completion of a LMP will allow for potential Aquatic Invasive Species (AIS) cost sharing grants and permits for Eurasian water-milfoil (EWM) control.		4/1/2007		COMPLETE
Comprehensive Planning Studies	17887367		4/1/2007		PROPOSED
Lake Management Plan Development	17887367		4/1/2007		PROPOSED
Grant Awarded	The Town of Boulder Junction is sponsoring large scale lake planning grants to study the Gresham Chain of Lakes in Vilas County with a study completion date of December 31, 2008. The project will focus on developing a Lake Management Plan (LMP) for the Gresham Chain of Lakes. Completion of a LMP will allow for potential Aquatic Invasive Species (AIS) cost sharing grants and permits for Eurasian water-milfoil (EWM) control.		4/1/2007	6/30/2009	COMPLETE
<b>Monitoring Stations</b>					
Station ID	Name		Comments		
643483	Lower Gresham Lake - Max Depth				
<b>Assessment Units</b>					
WBIC	Segment	Local Name	Official Name		
2330200	1	Gresham Creek	Gresham Creek		
2330300	1	Gresham Lake, Lower	Lower Gresham Lake		
2330400	1	Diamond Creek	Diamond Creek		
<b>Lab Account Codes</b>					
Account Code	Description		Start Date	End Date	
<b>Forms</b>					
Form Code	Form Name				
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.				
<b>Methods</b>					
Method Code	Method Description				

## Wisconsin Department of Natural Resources SWIMS Project Summary

### Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
6/27/2007 14:00	COMPLETE	LGLS	643483	Lower Gresham Lake - Max Depth
7/30/2007 13:30	COMPLETE	LGLS	643483	Lower Gresham Lake - Max Depth
8/30/2007 13:30	COMPLETE	LGLS	643483	Lower Gresham Lake - Max Depth
2/13/2008 11:00	COMPLETE	LGLS	643483	Lower Gresham Lake - Max Depth

### Documents

Title	Description	Author	Published	Comments
Gresham Chain of Lakes Vilas County, Wisconsin Comprehensive Management Plan		Onterra, LLC	5/31/2009	
Gresham Chain of Lakes Vilas County, Wisconsin Comprehensive Management Plan Appendicies		Onterra, LLC	5/31/2009	

### Budget

**Combined Budgets:**

**Combined WSLH:**

**Combined Total:**                    \$0.00

### Funding

Organization	Source	Type	Amount	Start Date	End Date
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