

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1532-14

Name: POLK COUNTY LWRD: Lotus Lake Carp Removal Assessment - Phase 1

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 10/1/2013

End Date: 12/31/2017

Purpose: Polk County is sponsoring a project to assess the impacts of carp removal and develop a Comprehensive Lake Management Plan for Lotus Lake.

The final deliverables include all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.

Specific Phase 1 project tasks include: 1) In-Lake water quality monitoring; 2) Tributary water quality & flow monitoring; 3) Phytoplankton & Zooplankton monitoring; 4) Lake level & precipitation monitoring; 5) Conduct sociologic survey.

Special Conditions: 1) CLMN efforts should not be duplicated, and these data shall be included in the trends analysis and final reporting; 2) Sponsor shall contact DNR immediately if a new AIS is found; 3) Draft sociological/user surveys and shoreline assessments must be reviewed and approved by the Department before being initiated.

This scope summarizes the project detail provided in the application and does not negate tasks/deliverables described therein. Data, records, and reports, including GIS-based maps, and digital images, must be submitted to the Department in a format specified by the regional Lake Coordinator.

Objective:

Comments: Grantee is POLK COUNTY LWRD

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Anderson, Katelin	TEAM_MEMBER	COMPLETE	10/23/2013		Polk County Land and Water Resources Department	
Larsen, Kris H	COORDINATOR	ACTIVE	2/27/2014		Wisconsin DNR	
Polk County Land and Water Res	GRANT_RECIPIENT	ACTIVE	10/1/2013	12/31/2017	Polk County Land and Water Resources Dept.	
Williamson, Jeremy	TEAM_MEMBER	INACTIVE	11/18/2013	11/4/2019	Polk County	

Project Statuses

Date	Reported By	Status	Comments
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Actions

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Action	Detailed Description	Start Date	End Date	Status
Lake Management Plan Development		10/1/2013	12/31/2017	PROPOSED
Monitor Wildlife	Phytoplankton & Zooplankton monitoring	10/1/2013	12/31/2017	PROPOSED
Social Survey of Residents or Users		10/1/2013	12/31/2017	PROPOSED
Grant Awarded	<p>Polk County is sponsoring a project to assess the impacts of carp removal and develop a Comprehensive Lake Management Plan for Lotus Lake.</p> <p>The final deliverables include all data collected, agendas and minutes for planning meetings, and a lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan.</p>	10/1/2013	12/31/2017	COMPLETE
Aquatic Invasive Species Plan	POLK COUNTY LWRD: Lotus Lake Carp Removal Assessment - Phase 1	10/1/2013	12/31/2017	IN_PROGRESS
Monitor Water Quality or Sediment		10/1/2013	12/31/2017	PROPOSED
Informational Meetings		10/1/2013	12/31/2017	PROPOSED
Monitor Water Level		10/1/2013	12/31/2017	PROPOSED
Information and Education		10/1/2013	12/31/2017	PROPOSED
Lakes Planning Grant		10/1/2013	12/31/2017	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/1/2013	12/31/2017	PROPOSED

Monitoring Stations

Station ID	Name	Comments
493073	Lotus Lake - Deep Hole	
10041328	Lotus Lake Outlet	
10038514	Unnamed Trib to Lotus Lake - Lower site near mouth	
10038513	Unnamed Trib to Lotus Lake - Middle Site btwn mouth and road	
10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS	

Assessment Units

WBIC	Segment	Local Name	Official Name
2616900	1	Lotus Lake	Lotus Lake
5006441	1	Lotus Lake Outlet	Unnamed
5006441	2	Unnamed Trib to Lotus Lake	Unnamed

Lab Account Codes

Account Code	Description	Start Date	End Date
LM020	LAKE MANAGEMENT PLANNING GRANTS	4/18/2013	6/30/2014

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Forms				
Form Code	Form Name			
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity			
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.			

Methods				
Method Code	Method Description			

Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
5/12/2014	COMPLETE	LL-DH-SP	493073	Lotus Lake - Deep Hole
5/22/2014	COMPLETE		493073	Lotus Lake - Deep Hole
5/29/2014	COMPLETE	LL-DH-MY	493073	Lotus Lake - Deep Hole
5/29/2014 13:10	COMPLETE	LL-IN-MY	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
5/29/2014 14:06	COMPLETE	LL-OL-MY	10041328	Lotus Lake Outlet
6/9/2014	COMPLETE		493073	Lotus Lake - Deep Hole
6/24/2014	COMPLETE	LL-DH-JN	493073	Lotus Lake - Deep Hole
6/24/2014 12:30	COMPLETE	LL-OL-JN	10041328	Lotus Lake Outlet
6/24/2014 13:06	COMPLETE	LL-IN-JN	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
7/11/2014	COMPLETE		493073	Lotus Lake - Deep Hole
7/21/2014	COMPLETE		493073	Lotus Lake - Deep Hole
7/21/2014 11:45	COMPLETE	LL-IN-JY	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
7/21/2014 12:23	COMPLETE	LL-DH-JY	493073	Lotus Lake - Deep Hole
8/5/2014	COMPLETE		493073	Lotus Lake - Deep Hole
8/18/2014 10:20	COMPLETE	LL-IN-AG	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
8/18/2014 11:00	COMPLETE	LL-OL-AG	10041328	Lotus Lake Outlet
8/18/2014 11:20	COMPLETE	LL-DH-AG	493073	Lotus Lake - Deep Hole
9/4/2014	COMPLETE		493073	Lotus Lake - Deep Hole
9/15/2014 11:28	COMPLETE	LL-IN-SP	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
9/15/2014 12:23	COMPLETE	LL-DH-SE	493073	Lotus Lake - Deep Hole
9/15/2014 12:40	COMPLETE	LL-OL-SP	10041328	Lotus Lake Outlet
11/3/2014	COMPLETE		493073	Lotus Lake - Deep Hole
11/3/2014 11:07	COMPLETE	LL-DH-OC	493073	Lotus Lake - Deep Hole
4/14/2015 12:48	COMPLETE	LL-DH-SP	493073	Lotus Lake - Deep Hole
5/27/2015 13:01	COMPLETE	LL-IN-MY	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
5/27/2015 13:37	COMPLETE	LL-OL-MY	10041328	Lotus Lake Outlet
5/27/2015 14:01	COMPLETE	LL-DH-MY	493073	Lotus Lake - Deep Hole

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6/9/2015	COMPLETE		493073	Lotus Lake - Deep Hole
6/23/2015	COMPLETE		493073	Lotus Lake - Deep Hole
6/23/2015 14:07	COMPLETE	LL-IN-JN	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
6/23/2015 14:07	COMPLETE	LL-OL-JN	10041328	Lotus Lake Outlet
6/23/2015 14:28	COMPLETE	LL-DH-JN	493073	Lotus Lake - Deep Hole
7/8/2015	COMPLETE		493073	Lotus Lake - Deep Hole
8/5/2015	COMPLETE		493073	Lotus Lake - Deep Hole
8/18/2015 9:26	COMPLETE	LL-OL-AG	10041328	Lotus Lake Outlet
8/18/2015 9:41	COMPLETE	LL-DH-AG	493073	Lotus Lake - Deep Hole
8/18/2015 10:05	COMPLETE	LL-IN-AG	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
9/1/2015	COMPLETE		493073	Lotus Lake - Deep Hole
9/14/2015	COMPLETE		493073	Lotus Lake - Deep Hole
9/14/2015 14:22	COMPLETE	LL-OL-SP	10041328	Lotus Lake Outlet
9/14/2015 14:42	COMPLETE	LL-DH-SE	493073	Lotus Lake - Deep Hole
9/14/2015 15:11	COMPLETE	LL-IN-SP	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
11/16/2015	COMPLETE		493073	Lotus Lake - Deep Hole
11/16/2015 10:30	COMPLETE	LL-DH-OC	493073	Lotus Lake - Deep Hole
4/12/2016	COMPLETE		493073	Lotus Lake - Deep Hole
4/12/2016 11:15	COMPLETE	LL-DH-SP	493073	Lotus Lake - Deep Hole
5/24/2016	COMPLETE		493073	Lotus Lake - Deep Hole
5/24/2016 9:24	COMPLETE	LL-OL-MY	10041328	Lotus Lake Outlet
5/24/2016 11:07	COMPLETE	LL-DH-MY	493073	Lotus Lake - Deep Hole
5/24/2016 11:07	COMPLETE	LL-IN-MY	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
6/9/2016	COMPLETE		493073	Lotus Lake - Deep Hole
6/22/2016	COMPLETE		493073	Lotus Lake - Deep Hole
6/22/2016 11:37	COMPLETE	LL-IN-JN	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
6/22/2016 12:02	COMPLETE	LL-OL-JN	10041328	Lotus Lake Outlet
6/22/2016 12:09	COMPLETE	LL-DH-JN	493073	Lotus Lake - Deep Hole
7/12/2016	COMPLETE		493073	Lotus Lake - Deep Hole
7/25/2016 9:55	COMPLETE	LL-IN-JY	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
7/25/2016 10:49	COMPLETE	LL-OL-JY	10041328	Lotus Lake Outlet
7/25/2016 11:00	COMPLETE	LL-DH-JY	493073	Lotus Lake - Deep Hole
8/8/2016	COMPLETE		493073	Lotus Lake - Deep Hole
8/22/2016 11:04	COMPLETE	LL-DH-AG	493073	Lotus Lake - Deep Hole
8/22/2016 11:30	COMPLETE	LL-OL-AG	10041328	Lotus Lake Outlet

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8/22/2016 12:10	COMPLETE	LL-IN-AG	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
9/16/2016	COMPLETE		493073	Lotus Lake - Deep Hole
9/26/2016 10:15	COMPLETE	LL-OL-SP	10041328	Lotus Lake Outlet
9/26/2016 10:30	COMPLETE	LL-DH-SE	493073	Lotus Lake - Deep Hole
9/26/2016 11:00	COMPLETE	LL-IN-SP	10038512	Unnamed Trib to Lotus Lake - Upper Site Near Road 60ft DS
11/29/2016	COMPLETE		493073	Lotus Lake - Deep Hole
11/29/2016 10:50	COMPLETE	LL-DH-OC	493073	Lotus Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Lake Management Grant Application [Lotus Lake Carp Removal]	Determining impacts of carp removal on Lotus lake water quality and biological indicators Phase I	Tim Ritten, Polk County Land and Water Resources Department	7/31/2013	

Budget

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

Funding

Organization	Source	Type	Amount	Start Date	End Date
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