

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1521-13
Name: CALUMET COUNTY: CalMan Lakes Watershed Plan Phase 1
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 04/01/2013
End Date: 12/31/2014
Purpose: Calumet County Resource Management Department proposes to collect baseline data for the four lakes situated along the Calumet/Manitowoc County boarder which includes Round, Becker, Boot, and Long Lakes. The project will be divided into several phases which will ultimately result in a comprehensive lake management and implementation plan for these lakes. Phase 1 will include:
 1. Intensive water quality monitoring to assess baseline conditions of each lake.
 2. Watershed assessment review to verify watershed boundaries, update general land use and perform basic predictive modeling.
 3. Assess the aquatic plant community utilizing early-season aquatic invasive species survey, point-intercept survey, and aquatic plant community mapping.
 4. Provide for stakeholder participation and education by holding a kickoff meeting and two project update meetings.
 5. Generate annual project reports describing the project studies and data interpretations as well as intentions for further studies.
 The project elements and deliverables are specified in the grant application materials submitted to the Department dated February 1, 2013.

Objective:

Comments: Grantee is CALUMET COUNTY

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Calumet County,	GRANT_RECIPII	ACTIVE	06/28/2013		Calumet County	
Castellanos, Emily	TEAM_MEMBER	ACTIVE	12/19/2013		Onterra, LLC	
Cibulka, Dan	TEAM_MEMBER	ACTIVE	11/06/2013		Onterra, LLC	
Hanke, Todd	TEAM_MEMBER	ACTIVE	02/26/2014		Onterra, LLC	
Hoyman, Tim	TEAM_MEMBER	ACTIVE	11/06/2013		Onterra, LLC	
Santry, Danielle R	TEAM_MEMBER	COMPLETE	11/06/2013		Calumet County	
Sengbusch, Robert	TEAM_MEMBER	ACTIVE	11/06/2013			

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Map Invasive Species		04/01/2013	12/31/2014	PROPOSED
Information and Education		04/01/2013	12/31/2014	PROPOSED
Water Quality Modeling		04/01/2013	12/31/2014	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Calumet County Resource Management Department proposes to collect baseline data for the four lakes situated along the Calumet/Manitowoc County boarder which includes Round, Becker, Boot, and Long Lakes. The project will be divided into several phases which will ultimately result in a comprehensive lake management and implementation plan for these lakes. Phase 1 will include:</p> <ol style="list-style-type: none"> 1. Intensive water quality monitoring to assess baseline conditions of each lake. 2. Watershed assessment review to verify watershed boundaries, update general land use and perform basic predictive modeling. 3. Assess the aquatic plant community utilizing early-season aquatic invasive species survey, point-intercept survey, and aquatic plant community mapping. 4. Provide for stakeholder participation and education by holding a kickoff meeting and two project update meetings. 	04/01/2013	12/31/2014	COMPLETE
Grant Awarded	<p>Calumet County Resource Management Department proposes to collect baseline data for the four lakes situated along the Calumet/Manitowoc County boarder which includes Round, Becker, Boot, and Long Lakes. The project will be divided into several phases which will ultimately result in a comprehensive lake management and implementation plan for these lakes. Phase 1 will include:</p> <ol style="list-style-type: none"> 1. Intensive water quality monitoring to assess baseline conditions of each lake. 2. Watershed assessment review to verify watershed boundaries, update general land use and perform basic predictive modeling. 3. Assess the aquatic plant community utilizing early-season aquatic invasive species survey, point-intercept survey, and aquatic plant community mapping. 4. Provide for stakeholder participation and education by holding a kickoff meeting and two project update meetings. 	04/01/2013	12/31/2014	COMPLETE
Watershed Mapping or Assessment		04/01/2013	12/31/2014	PROPOSED
Lakes Planning Grant		04/01/2013	12/31/2014	PROPOSED
Project Deliverable	<p>Generate annual project reports describing the project studies and data interpretations as well as intentions for further studies.</p>	04/01/2013	12/31/2014	PROPOSED

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Grant Awarded	Calumet County Resource Management Department proposes to collect baseline data for the four lakes situated along the Calumet/Manitowoc County boarder which includes Round, Becker, Boot, and Long Lakes. The project will be divided into several phases which will ultimately result in a comprehensive lake management and implementation plan for these lakes. Phase 1 will include: 1. Intensive water quality monitoring to assess baseline conditions of each lake. 2. Watershed assessment review to verify watershed boundaries, update general land use and perform basic predictive modeling. 3. Assess the aquatic plant community utilizing early-season aquatic invasive species survey, point-intercept survey, and aquatic plant community mapping. 4. Provide for stakeholder participation and education by holding a kickoff meeting and two project update meetings.	04/01/2013	12/31/2014	COMPLETE
Aquatic Plant Monitoring or Survey		04/01/2013	12/31/2014	PROPOSED
Informational Meetings		04/01/2013	12/31/2014	PROPOSED
Grant Awarded	Calumet County Resource Management Department proposes to collect baseline data for the four lakes situated along the Calumet/Manitowoc County boarder which includes Round, Becker, Boot, and Long Lakes. The project will be divided into several phases which will ultimately result in a comprehensive lake management and implementation plan for these lakes. Phase 1 will include: 1. Intensive water quality monitoring to assess baseline conditions of each lake. 2. Watershed assessment review to verify watershed boundaries, update general land use and perform basic predictive modeling. 3. Assess the aquatic plant community utilizing early-season aquatic invasive species survey, point-intercept survey, and aquatic plant community mapping. 4. Provide for stakeholder participation and education by holding a kickoff meeting and two project update meetings.	04/01/2013	12/31/2014	COMPLETE
Monitor Water Quality or Sediment		04/01/2013	12/31/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
083044	Beckers Lake - Deepest Part	
083043	Boot Lake - Deepest Part	
363310	Long Lake - Deep Hole	
083033	Round Lake - Deep Hole	

Assessment Units

WBIC	Segment	Local Name	Official Name
68600	1	Round Lake	Round Lake

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WBIC	Segment	Local Name	Official Name
77300	1	Becker Lake	Becker Lake
77500	1	Long Lake (Big Long)	Long Lake
77600	1	Boot Lake	Boot Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
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Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/01/2013 09:15	COMPLETE	LLB	363310	Long Lake - Deep Hole
05/01/2013 09:15	COMPLETE	SLS	363310	Long Lake - Deep Hole
05/01/2013 10:00	COMPLETE	KLS	083033	Round Lake - Deep Hole
05/01/2013 10:00	COMPLETE	RLB	083033	Round Lake - Deep Hole
05/01/2013 11:15	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
05/01/2013 11:15	COMPLETE	BOLS	083043	Boot Lake - Deepest Part
05/01/2013 12:35	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
05/01/2013 12:35	COMPLETE	BELS	083044	Beckers Lake - Deepest Part
06/19/2013 12:45	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
06/19/2013 12:45	COMPLETE	MCLS	083043	Boot Lake - Deepest Part
06/20/2013 12:00	COMPLETE	CATLS	363310	Long Lake - Deep Hole
06/20/2013 12:00	COMPLETE	LLB	363310	Long Lake - Deep Hole
06/20/2013 13:00	COMPLETE	RLB	083033	Round Lake - Deep Hole
06/20/2013 13:00	COMPLETE	SLS	083033	Round Lake - Deep Hole
06/20/2013 14:00	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
06/20/2013 14:00	COMPLETE	MPLS	083044	Beckers Lake - Deepest Part
07/17/2013 12:00	COMPLETE	LLB	363310	Long Lake - Deep Hole
07/17/2013 12:00	COMPLETE	LLS	363310	Long Lake - Deep Hole
07/17/2013 12:45	COMPLETE	RLB	083033	Round Lake - Deep Hole
07/17/2013 12:45	COMPLETE	RLS	083033	Round Lake - Deep Hole
07/17/2013 14:00	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
07/17/2013 14:00	COMPLETE	BELS	083044	Beckers Lake - Deepest Part
07/18/2013 10:00	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
07/18/2013 10:00	COMPLETE	BOLS	083043	Boot Lake - Deepest Part
08/19/2013 12:00	COMPLETE	LLB	363310	Long Lake - Deep Hole
08/19/2013 12:00	COMPLETE	LLS	363310	Long Lake - Deep Hole
08/19/2013 12:45	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
08/19/2013 12:45	COMPLETE	RLB	083033	Round Lake - Deep Hole
08/19/2013 12:45	COMPLETE	RLS	083033	Round Lake - Deep Hole
08/19/2013 13:45	COMPLETE	BELS	083044	Beckers Lake - Deepest Part
08/20/2013 11:00	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
08/20/2013 11:00	COMPLETE	BOLS	083043	Boot Lake - Deepest Part

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Start Date	Status	Field ID	Station ID	Station Name
09/10/2013 10:30	COMPLETE	BOLS	083043	Boot Lake - Deepest Part
09/10/2013 10:30	COMPLETE	BOOT	083043	Boot Lake - Deepest Part
09/10/2013 11:45	COMPLETE	RLS	083033	Round Lake - Deep Hole
09/10/2013 11:45	COMPLETE	ROUND	083033	Round Lake - Deep Hole
09/10/2013 13:00	COMPLETE	BECKER	083044	Beckers Lake - Deepest Part
09/10/2013 13:00	COMPLETE	BELS	083044	Beckers Lake - Deepest Part
10/17/2013 12:00	COMPLETE	BLS	083044	Beckers Lake - Deepest Part
10/17/2013 12:10	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
10/17/2013 12:30	COMPLETE	LLB	363310	Long Lake - Deep Hole
10/17/2013 12:30	COMPLETE	LLB	363310	Long Lake - Deep Hole
10/17/2013 12:30	COMPLETE	LLS	363310	Long Lake - Deep Hole
10/17/2013 13:20	COMPLETE	RLB	083033	Round Lake - Deep Hole
10/17/2013 13:20	COMPLETE	RLB	083033	Round Lake - Deep Hole
10/17/2013 13:20	COMPLETE	RLS	083033	Round Lake - Deep Hole
10/17/2013 13:20	COMPLETE	RLS	083033	Round Lake - Deep Hole
10/21/2013 12:10	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
10/21/2013 12:10	COMPLETE	CLS	083043	Boot Lake - Deepest Part
02/12/2014 09:34	COMPLETE	RLB	083033	Round Lake - Deep Hole
02/12/2014 09:34	COMPLETE	RLS	083033	Round Lake - Deep Hole
02/12/2014 10:35	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
02/12/2014 10:35	COMPLETE	BOLS	083043	Boot Lake - Deepest Part
02/12/2014 11:38	COMPLETE	LLB	363310	Long Lake - Deep Hole
02/12/2014 11:38	COMPLETE	LLS	363310	Long Lake - Deep Hole
02/12/2014 12:37	COMPLETE	BELB	083044	Beckers Lake - Deepest Part
02/12/2014 12:37	COMPLETE	BELS	083044	Beckers Lake - Deepest Part
02/11/2015 13:00	COMPLETE	RLB	083033	Round Lake - Deep Hole
02/11/2015 13:00	COMPLETE	RLS	083033	Round Lake - Deep Hole
02/11/2015 14:08	COMPLETE	BOLB	083043	Boot Lake - Deepest Part
02/11/2015 14:08	COMPLETE	BOLS	083043	Boot Lake - Deepest Part

Documents

Title	Description	Author	Published	Comments
CalMan Lakes - Calumet and Manitowoc Counties - Watershed Management Planning Project - Phase I Report - May 2015 [Maps]		Dan Cibulka and Tim Hoyman, Onterra, LLC	05/01/2015	
CalMan Lakes - Calumet and Manitowoc Counties, Wisconsin - Watershed Management Planning Project - Phase I Report - May 2015	Final Report of phase I of the CalMan Lakes Watershed Management Planning Project	Dan Cibulka and Tim Hoyman, Onterra, LLC	05/01/2015	
CalMan Lakes - Calumet and Manitowoc Counties, Wisconsin - Watershed Management Planning Project - Phase I Report - May 2015 [Appendicies]		Dan Cibulka and Tim Hoyman, Onterra, LLC	05/01/2015	
CalMan Lakes - Watershed Management Plan 2014-2016 - Phase I Summary [Presentation]	This document is a companion piece to Onterra, LLC the CalMan Lakes Watershed Management Planning Project Phase I Report. The purpose of this document		12/01/2014	

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Title	Description	Author	Published	Comments
CalMan Lakes Phase I LMP Approval Letter	it provide decision‐makers, stakeholders and the general public a guide to the information and recommendations identified in Phase I Report. Grant LPL‐1521‐13 Approval letter for the CalMan Lakes Watershed Management Planning Project Phase I.	Mary Gansberg	01/22/2015	

Budget

Combined Budgets:
Combined SLOH:
Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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