

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1468-12

Name: LONG LAKE PROTECTION AND MANAGEMENT DISTRICT: Long Lake Comprehensive Management Plan

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 4/1/2012

End Date: 12/31/2014

Purpose: Long Lake P&R District is sponsoring a project to assess watershed, water quality, plankton, algae, and shoreline conditions; determine nutrient loads, budget, and model lake response; distribute and analyze a sociological survey; develop a lake management plan including public participation/meetings.

The specific project tasks include: 1. Expanded water quality monitoring including spring and fall overturn; 2. Lake sediment sampling; 3. Tributary water quality and flow monitoring; 4. Plankton and algae assessment including toxicity analysis; 5. Shoreline assessment and restoration workshop; 6. Shoreline soil samples; 7. Watershed delineation and modeling; 8. Sociological survey; 9. Lake management plan development including public participation/meeting.

The final deliverables include examples of education materials developed; agenda or attendance lists for workshops, planning meetings, and education events; and a single lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan that is approvable for Lake Protection Grant eligibility.

Special conditions: 1. CLMN efforts shall not be duplicated, and these data shall included in the trends analysis and final reporting; 2. Draft sociological/user surveys must be reviewed and approved by the Department before being initiated; 3. Shoreline inventory methods must be 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 LONG LAKE PROTECTION AND MANAGEMENT DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Anderson, Katelin	DATA_ENTRY	COMPLETE	4/1/2012	12/31/2014	Polk County Land and Water Resources Department	
Long Lake Protection District,	GRANT_RECIPIENT	ACTIVE	4/1/2012		Long Lake Protection District	
Williamson, Jeremy	TEAM_MEMBER	INACTIVE	4/1/2012	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
Lakes Planning Grant		4/1/2012	12/31/2014	PROPOSED
Monitor Water Quality or Sediment		4/1/2012	12/31/2014	PROPOSED
Grant Awarded	<p>Long Lake P&R District is sponsoring a project to assess watershed, water quality, plankton, algae, and shoreline conditions; determine nutrient loads, budget, and model lake response; distribute and analyze a sociological survey; develop a lake management plan including public participation/meetings.</p> <p>The specific project tasks include: 1. Expanded water quality monitoring including spring and fall overturn; 2. Lake sediment sampling; 3. Tributary water quality and flow monitoring; 4. Plankton and algae assessment including toxicity analysis; 5. Shoreline assessment and restoration workshop; 6. Shoreline soil samples; 7. Watershed delineation and modeling; 8. Sociological survey; 9. Lake management plan development including public participation/meeting.</p> <p>The final deliverables include examples of education materials developed; agenda or attendance lists for workshops, planning meetings, and education events; and a single lake management plan that includes methodologies, results, and management alternatives discussion with an implementation plan that is approvable for Lake Protection Grant eligibility.</p>	4/1/2012	12/31/2014	COMPLETE
Monitor or Assess Watershed Condition		4/1/2012	12/31/2014	PROPOSED
Hold Workshops		4/1/2012	12/31/2014	PROPOSED
Watershed Mapping or Assessment		4/1/2012	12/31/2014	PROPOSED
Social Survey of Residents or Users		4/1/2012	12/31/2014	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	4/1/2012	12/31/2014	PROPOSED
Informational Meetings		4/1/2012	12/31/2014	PROPOSED
Nutrient Budget Development		4/1/2012	12/31/2014	PROPOSED
Biomonitoring Toxicity Tests	Algal	4/1/2012	12/31/2014	PROPOSED
Lake Management Plan Development		4/1/2012	12/31/2014	PROPOSED
Aquatic Plant Monitoring or Survey		4/1/2012	12/31/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
493102	Long Lake - Deep Hole	
493153	North Ditch Trib To Long Lake -	

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493152	South Ditch Trib To Long Lake -	
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Assessment Units

WBIC	Segment	Local Name	Official Name
2478200	1	Long Lake T34n R17w S06	Long Lake

Lab Account Codes

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

Forms

Form Code	Form Name
SECCHI_TEMPDO_PLUS	Lake Monitoring - Secchi, Temp., D.O., pH, Conductivity

Methods

Method Code	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
5/7/2012 9:50	COMPLETE	LNG-MY1BOT	493102	Long Lake - Deep Hole
5/7/2012 10:00	COMPLETE	LNG-MY1SUR	493102	Long Lake - Deep Hole
5/15/2012 11:35	COMPLETE		493102	Long Lake - Deep Hole
5/21/2012 15:00	COMPLETE	LNG-MY2SUR	493102	Long Lake - Deep Hole
5/21/2012 15:22	COMPLETE	LNG-MY2BOT	493102	Long Lake - Deep Hole
5/24/2012 11:00	COMPLETE	LG-NDITCH1	493153	North Ditch Trib To Long Lake -
5/24/2012 11:00	COMPLETE	LG-SDITCH1	493152	South Ditch Trib To Long Lake -
5/28/2012 7:35	COMPLETE	LG-SDITCH2	493152	South Ditch Trib To Long Lake -
5/28/2012 8:00	COMPLETE	LG-NDITCH2	493153	North Ditch Trib To Long Lake -
6/4/2012 3:18	COMPLETE	LNG-JN1SUR	493102	Long Lake - Deep Hole
6/4/2012 3:20	COMPLETE	LNG-JN1BOT	493102	Long Lake - Deep Hole
6/11/2012	COMPLETE		493102	Long Lake - Deep Hole
6/14/2012 10:00	COMPLETE	LG-NDITCH3	493153	North Ditch Trib To Long Lake -
6/14/2012 10:00	COMPLETE	LG-SDITCH3	493152	South Ditch Trib To Long Lake -
6/16/2012 16:00	COMPLETE	LG-NDITCH4	493153	North Ditch Trib To Long Lake -
6/16/2012 16:00	COMPLETE	LG-SDITCH4	493152	South Ditch Trib To Long Lake -
6/18/2012 14:00	COMPLETE	LNG-JN2SUR	493102	Long Lake - Deep Hole
6/18/2012 14:05	COMPLETE	LNG-JN2BOT	493102	Long Lake - Deep Hole
6/25/2012	COMPLETE		493102	Long Lake - Deep Hole
7/2/2012 15:00	COMPLETE	LNG-JL1BOT	493102	Long Lake - Deep Hole

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7/2/2012 15:05	COMPLETE	LNG-JL1SUR	493102	Long Lake - Deep Hole
7/10/2012 14:10	COMPLETE	LNG-JL2SUR	493102	Long Lake - Deep Hole
7/10/2012 14:20	COMPLETE	LNG-JL2BOT	493102	Long Lake - Deep Hole
7/13/2012 18:00	COMPLETE	LG-NDITCH5	493153	North Ditch Trib To Long Lake -
7/13/2012 18:00	COMPLETE	LG-SDITCH5	493152	South Ditch Trib To Long Lake -
7/18/2012 10:00	COMPLETE	LG-NDITCH6	493153	North Ditch Trib To Long Lake -
7/18/2012 10:00	COMPLETE	LG-SDITCH6	493152	South Ditch Trib To Long Lake -
7/19/2012	COMPLETE		493102	Long Lake - Deep Hole
7/19/2012 14:15	COMPLETE	LNG-JL3SUR	493102	Long Lake - Deep Hole
7/19/2012 14:20	COMPLETE	LNG-JL3BOT	493102	Long Lake - Deep Hole
7/24/2012	COMPLETE		493102	Long Lake - Deep Hole
7/24/2012 3:00	COMPLETE	LNG-JL4BOT	493102	Long Lake - Deep Hole
7/24/2012 3:20	COMPLETE	LNG-JL4SUR	493102	Long Lake - Deep Hole
8/1/2012	COMPLETE		493102	Long Lake - Deep Hole
8/1/2012 14:00	COMPLETE	LNG-JL5SUR	493102	Long Lake - Deep Hole
8/1/2012 14:20	COMPLETE	LNG-JL5BOT	493102	Long Lake - Deep Hole
8/9/2012	COMPLETE		493102	Long Lake - Deep Hole
8/9/2012 10:00	COMPLETE	LNG-AG1BOT	493102	Long Lake - Deep Hole
8/9/2012 10:00	COMPLETE	LNG-AG1SUR	493102	Long Lake - Deep Hole
8/16/2012	COMPLETE		493102	Long Lake - Deep Hole
8/16/2012 11:55	COMPLETE	LNG-AG2BOT	493102	Long Lake - Deep Hole
8/16/2012 11:55	COMPLETE	LNG-AG2SUR	493102	Long Lake - Deep Hole
8/23/2012 14:00	COMPLETE	LNG-AG3SUR	493102	Long Lake - Deep Hole
8/23/2012 14:25	COMPLETE		493102	Long Lake - Deep Hole
8/23/2012 14:40	COMPLETE	LNG-AG3BOT	493102	Long Lake - Deep Hole
8/28/2012 14:00	COMPLETE	LNG-AG4SUR	493102	Long Lake - Deep Hole
8/28/2012 14:00	COMPLETE		493102	Long Lake - Deep Hole
8/28/2012 14:10	COMPLETE	LNG-AG4BOT	493102	Long Lake - Deep Hole
9/10/2012	COMPLETE		493102	Long Lake - Deep Hole
9/10/2012 14:00	COMPLETE	LNG-SP1SUR	493102	Long Lake - Deep Hole
9/10/2012 15:00	COMPLETE	LNG-SP1BOT	493102	Long Lake - Deep Hole
9/13/2012	COMPLETE		493102	Long Lake - Deep Hole
9/13/2012 9:00	COMPLETE	LNG-SP2SUR	493102	Long Lake - Deep Hole
9/13/2012 9:55	COMPLETE	LNG-SP2BOT	493102	Long Lake - Deep Hole
9/18/2012	COMPLETE		493102	Long Lake - Deep Hole

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9/18/2012 11:20	COMPLETE	LNG-SP3SUR	493102	Long Lake - Deep Hole
9/18/2012 11:25	COMPLETE	LNG-SP3BOT	493102	Long Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
Long Lake Lake Management Plan		Polk County Land and Water Resources Department; Harmony Environmental	10/1/2013	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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