

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL-1484-13
Name: LAKE NEBAGAMON SANITARY SEWER COM: Lake Nebagamon Management Planning Project
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: COMPLETE
Start Date: 10/01/2012
End Date: 12/31/2015
Purpose: Lake Nebagamon Sanitary Sewer Commission is sponsoring a comprehensive monitoring, modeling, and planning project. The project will also specifically seek to answer whether a sanitary sewer expansion is necessary. Activities include: sociological survey; ordinance review/inventory; aquatic plant, plankton, near-shore periphyton, water quality, water level and discharge and shoreline monitoring; watershed mapping and land use characterization; and nutrient (SLaMM and FLUX) and ecosystem (AQUATOX) modeling. This information will be integrated with stakeholder/public participation to create a comprehensive lake management plan.

Deliverables include: 1) a comprehensive lake management plan with stakeholder survey and results summary; quantified management goals; lake condition assessment; stressor analysis; specific management recommendations; and 2) a non-technical summary for distribution to all riparians.

Special Conditions: 1) sociological surveys should be coordinated with DNR Research Sociologist; 2) SLOH will be used for laboratory analyses unless otherwise approved by DNR Lab Coordinator; 3) DNR monitoring methods (e.g. aquatic plant point-intercept survey) must be followed.

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 LAKE NEBAGAMON SANITARY SEWER COM
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Alexson, Elizabeth	TEAM_MEMBER	ACTIVE	12/13/2013		Northland College	
Gingras, Mary Jo	TEAM_MEMBER	INACTIVE	12/18/2013	07/01/2019		
Hudson, Matt	TEAM_MEMBER	ACTIVE	12/18/2013		Northland College	
Lake Nebagamon Sanitary S	GRANT_RECIP	ACTIVE	10/01/2012	12/31/2014	Lake Nebagamon Sanitary Sewer Commission	
Lehr, Randy	TEAM_MEMBER	ACTIVE	12/18/2013		Northland College	
Matzinger, Parker	TEAM_MEMBER	ACTIVE	12/18/2013		Northland College	
Moravec, Emily	TEAM_MEMBER	ACTIVE	12/13/2013		Northland College	
Oldenburg, Kim	TEAM_MEMBER	ACTIVE	12/18/2013		Northland College	
Stutte, Allissa	TEAM_MEMBER	ACTIVE	12/05/2013		Northland College	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start	End Date	Status
Monitor or Assess Watershed Condition		10/01/2012	12/31/2014	PROPOSED

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Action	Detailed Description	Start	End Date	Status
Monitor Water Quality or Sediment		10/01/2012	12/31/2014	PROPOSED
Aquatic Plant Monitoring or Survey		10/01/2012	12/31/2014	PROPOSED
Lake Management Plan Development		10/01/2012	12/31/2014	PROPOSED
Monitor Water Level		10/01/2012	12/31/2014	PROPOSED
Water Quality Modeling		10/01/2012	12/31/2014	PROPOSED
Grant Awarded	Lake Nebagamon Sanitary Sewer Commission is sponsoring a comprehensive monitoring, modeling, and planning project. The project will also specifically seek to answer whether a sanitary sewer expansion is necessary. Activities include: sociological survey; ordinance review/inventory; aquatic plant, plankton, near-shore periphyton, water quality, water level and discharge and shoreline monitoring; watershed mapping and land use characterization; and nutrient (SLaMM and FLUX) and ecosystem (AQUATOX) modeling. This information will be integrated with stakeholder/public participation to create a comprehensive lake management plan. Deliverables include: 1) a comprehensive lake management plan with stakeholder survey and results summary; quantified management goals; lake condition assessment; stressor analysis; specific management recommendations; and 2) a non-technical summary for distribution to all riparians.	10/01/2012	12/31/2014	COMPLETE
Watershed Mapping or Assessment		10/01/2012	12/31/2014	PROPOSED
Lakes Planning Grant		10/01/2012	12/31/2014	PROPOSED
Shoreland Monitoring, Assessment, Inventory	Shoreland Monitoring, Assessment or Inventory	10/01/2012	12/31/2015	PROPOSED
Social Survey of Residents or Users		10/01/2012	12/31/2014	PROPOSED

Monitoring Stations

Station ID	Name	Comments
163394	Lake Nebagamon - Big Bay - Deep Hole	
163126	Little Steele Lake - Outlet	
163060	Nebagamon Creek - Nr Nabagamon Lake	
10030021	Taylor Creek - Upstream of Pioneer Road	

Assessment Units

WBIC	Segment	Local Name	Official Name
2733300	1	Taylor Creek	Taylor Creek
2864200	2	Nebagamon Creek	Nebagamon Creek
2865000	1	Lake Nebagamon	Lake Nebagamon
2865100	1	Unnamed Trib To Lake Nebagamon	Unnamed
2865200	1	Unnamed Trib To Lake Nebagamon	Unnamed
2865700	1	Little Steele Lake	Little Steele Lake
2866100	1	Minnesuing Creek	Minnesuing Creek

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Lab Account Codes

Account Code	Description	Start Date	End Date
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Forms

Form Code	Form Name
SECCHI_TEMPDO	Lake Monitoring - Secchi, Temperature and D.O.

Methods

Method Code	Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/21/2013 14:00	COMPLETE	NEB-UCR-MY	163126	Little Steele Lake - Outlet
05/21/2013 14:20	COMPLETE	NEB-NBC-MY	163060	Nebagamon Creek - Nr Nabagamon Lake
05/30/2013 09:50	COMPLETE	NEDHMYSUR1	163394	Lake Nebagamon - Big Bay - Deep Hole
05/30/2013 10:15	COMPLETE	NEDHMYBOT1	163394	Lake Nebagamon - Big Bay - Deep Hole
06/03/2013 12:20	COMPLETE	NEDHJUNESUR1	163394	Lake Nebagamon - Big Bay - Deep Hole
06/03/2013 12:45	COMPLETE	NEDHJUNEMID1	163394	Lake Nebagamon - Big Bay - Deep Hole
06/03/2013 12:55	COMPLETE	NEDHJUNEBOT1	163394	Lake Nebagamon - Big Bay - Deep Hole
06/03/2013 13:00	COMPLETE	NEB-NBC-JN	163060	Nebagamon Creek - Nr Nabagamon Lake
06/03/2013 14:24	COMPLETE	NEB-UCR-JN	163126	Little Steele Lake - Outlet
06/17/2013 10:55	COMPLETE	NEDHJNSUR2	163394	Lake Nebagamon - Big Bay - Deep Hole
06/17/2013 11:00	COMPLETE	NEDHJNMID2	163394	Lake Nebagamon - Big Bay - Deep Hole
06/17/2013 11:15	COMPLETE	NEDHJNBOT2	163394	Lake Nebagamon - Big Bay - Deep Hole
07/01/2013 11:15	COMPLETE	NEDHJYSUR1	163394	Lake Nebagamon - Big Bay - Deep Hole
07/01/2013 11:45	COMPLETE	NEDHJYMID1	163394	Lake Nebagamon - Big Bay - Deep Hole
07/01/2013 12:00	COMPLETE	NEDHJYBOT1	163394	Lake Nebagamon - Big Bay - Deep Hole
07/01/2013 14:00	COMPLETE	NEB-UCR-JY	163126	Little Steele Lake - Outlet
07/01/2013 15:30	COMPLETE	NEB-NBC-JY	163060	Nebagamon Creek - Nr Nabagamon Lake
07/02/2013 11:00	COMPLETE	TC-TRIB-JY	10030021	Taylor Creek - Upstream of Pioneer Road
07/22/2013 10:50	COMPLETE	NEDHJYSUR2	163394	Lake Nebagamon - Big Bay - Deep Hole
07/22/2013 11:05	COMPLETE	NEDHJYMID2	163394	Lake Nebagamon - Big Bay - Deep Hole
07/22/2013 11:20	COMPLETE	NEDHJYBOT2	163394	Lake Nebagamon - Big Bay - Deep Hole
08/05/2013 10:45	COMPLETE	NEDHAGSUR1	163394	Lake Nebagamon - Big Bay - Deep Hole
08/05/2013 11:00	COMPLETE	NEDHAGBOT1	163394	Lake Nebagamon - Big Bay - Deep Hole
08/05/2013 11:00	COMPLETE	NEDHAGMID1	163394	Lake Nebagamon - Big Bay - Deep Hole
08/05/2013 12:00	COMPLETE	NEB-UCR-AG	163126	Little Steele Lake - Outlet
08/05/2013 13:00	COMPLETE	NEB-NBC-AG	163060	Nebagamon Creek - Nr Nabagamon Lake
08/16/2013 10:45	COMPLETE	NEDHAGSUR2	163394	Lake Nebagamon - Big Bay - Deep Hole
08/16/2013 11:05	COMPLETE	NEDHAGMID2	163394	Lake Nebagamon - Big Bay - Deep Hole
08/16/2013 11:15	COMPLETE	NEDHAGBOT2	163394	Lake Nebagamon - Big Bay - Deep Hole
09/11/2013 10:52	COMPLETE	NEDHSESUR1	163394	Lake Nebagamon - Big Bay - Deep Hole
09/11/2013 11:05	COMPLETE	NEDHSEMID1	163394	Lake Nebagamon - Big Bay - Deep Hole
09/11/2013 11:10	COMPLETE	NEDHSEBOT1	163394	Lake Nebagamon - Big Bay - Deep Hole
09/11/2013 12:40	COMPLETE	NEB-UCR-SE	163126	Little Steele Lake - Outlet
09/11/2013 13:40	COMPLETE	NEB-NBC-SE	163060	Nebagamon Creek - Nr Nabagamon Lake
09/24/2013 11:25	COMPLETE	NEDHSESUR2	163394	Lake Nebagamon - Big Bay - Deep Hole
09/24/2013 11:34	COMPLETE	NEDHSEBOT2	163394	Lake Nebagamon - Big Bay - Deep Hole
10/08/2013 10:15	COMPLETE	NEDHOCSUR1	163394	Lake Nebagamon - Big Bay - Deep Hole

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Start Date	Status	Field ID	Station ID	Station Name
10/08/2013 12:30	COMPLETE	NEB-UCR-OC	163126	Little Steele Lake - Outlet
10/08/2013 13:30	COMPLETE	NEB-NBC-OC	163060	Nebagamon Creek - Nr Nabagamon Lake

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
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