

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL174420

Name: LAKE NOQUEBAY REHABILITATION DISTRICT: Lake Noquebay Nutrient Study - Phase II

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 2/15/2020

End Date: 6/30/2023

Purpose: The Lake Noquebay Rehabilitation District is sponsoring a project to determine the nutrient loading to Lake Noquebay, phase 2 of a previous project.

Project final deliverables include: all data collected, agendas and minutes for planning meetings, and a lake report that includes methodologies, results, and management alternatives discussion.

Specific project activities include: 1) Stream, groundwater, and in lake water quality monitoring 2) Stream flow and nutrient concentration monitoring 3) Data entry and analysis 4) Water quality modeling, alternatives analysis, and final report.

Special Conditions: 1) CLMN efforts should not be duplicated, and these data shall be included in the trends analysis and final reporting; 2) All data shall be entered into the SWIMS database;

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 Biologist.

If consultant is to provide final report, it is recommended that Grantee provide DNR Lake Coordinator with a draft for comment on report adequacy prior to making final payment to the consultant. DNR to receive both paper and electronic .pdf copies of the final report along with, or prior to submission of grantee's final payment request.

Objective:

Comments: Grantee is LAKE NOQUEBAY REHABILITATION DISTRICT

Outcome:

Study Design:

QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
Druckrey, Chuck	COORDINATOR	ACTIVE	5/11/2021		Marinette County LCD	
Topp, Sarah	COORDINATOR	ACTIVE	5/11/2021		Marinette County Land Information Dept.	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LPL174420 awarded	2/15/2020	6/30/2022	COMPLETE

Monitoring Stations

Wisconsin Department of Natural Resources SWIMS Project Summary

Station ID	Name	Comments
383125	Lake Noquebay - Deep Hole	
10022480	Lower Middle Inlet - Hwy 141 Upstream	
10022478	Lower Middle Inlet - Quarry Rd - West Crossing	
10031087	Middle Inlet Hwy 141 upstream	
10031086	Middle Inlet Wayside Rd upstream	
10016100	Smith Creek - St. Paul Road - Downstream 10 Feet	
383041	Smith Creek at Smith Creek Road	
10016106	Smith Creek at St. Paul Road - DS of Culvert	
10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure	
10013170	Upper Middle Inlet-Mcmahon Road To Highway 141	

Assessment Units

WBIC	Segment	Local Name	Official Name
525500	1	The Outlet	The Outlet
525900	1	Noquebay Lake	Lake Noquebay
526000	1	Middle Inlet	Middle Inlet
526000	2	Middle Inlet	Middle Inlet
526100	3	Upper Middle Inlet	Upper Middle Inlet
529100	1	Lower Middle Inlet	Lower Middle Inlet
529200	1	Smith Creek	Smith Creek
530100	1	Upper Inlet	Upper Inlet
5007111	1	Unnamed Stream	Unnamed

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	Method Description
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Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
4/14/2020 11:56	COMPLETE	SC	10016106	Smith Creek at St. Paul Road - DS of Culvert
4/28/2020 11:45	COMPLETE	FE-N1	383125	Lake Noquebay - Deep Hole
4/28/2020 11:45	COMPLETE	N1	383125	Lake Noquebay - Deep Hole

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

4/28/2020 12:45	COMPLETE	FE-N2	383125	Lake Noquebay - Deep Hole
4/28/2020 12:45	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
4/29/2020 8:28	COMPLETE	SC	10016106	Smith Creek at St. Paul Road - DS of Culvert
5/18/2020 9:45	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
5/26/2020 13:15	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
5/26/2020 13:25	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
6/10/2020 10:00	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
6/22/2020 11:15	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
6/22/2020 11:15	COMPLETE	NI	383125	Lake Noquebay - Deep Hole
6/22/2020 11:20	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
6/23/2020 9:30	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
6/30/2020 13:15	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
7/14/2020 10:55	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
7/21/2020 10:10	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
7/22/2020 14:10	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
7/22/2020 14:20	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
8/10/2020 10:50	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
8/18/2020 11:05	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
8/18/2020 11:15	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
8/18/2020 11:20	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
8/18/2020 11:30	COMPLETE	LMI	10022480	Lower Middle Inlet - Hwy 141 Upstream
8/18/2020 11:42	COMPLETE	MI	10031086	Middle Inlet Wayside Rd upstream
8/18/2020 11:52	COMPLETE	UI	10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure
9/8/2020 11:45	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
9/8/2020 11:55	COMPLETE	LMI	10022480	Lower Middle Inlet - Hwy 141 Upstream
9/8/2020 12:10	COMPLETE	MI	10031086	Middle Inlet Wayside Rd upstream
9/8/2020 12:50	COMPLETE	UI	10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure
9/15/2020 11:00	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
9/15/2020 11:10	COMPLETE	LMI	10022480	Lower Middle Inlet - Hwy 141 Upstream
9/15/2020 12:20	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
9/15/2020 12:20	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
9/15/2020 13:00	COMPLETE	MI	10031086	Middle Inlet Wayside Rd upstream
9/15/2020 13:20	COMPLETE	UI	10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure
9/28/2020 11:24	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

9/28/2020 11:31	COMPLETE	LMI	10022480	Lower Middle Inlet - Hwy 141 Upstream
9/28/2020 11:43	COMPLETE	MI	10031086	Middle Inlet Wayside Rd upstream
9/28/2020 11:57	COMPLETE	UI	10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure
10/13/2020 12:32	COMPLETE	SC	10016100	Smith Creek - St. Paul Road - Downstream 10 Feet
10/13/2020 12:55	COMPLETE	LMI	10022480	Lower Middle Inlet - Hwy 141 Upstream
10/13/2020 13:15	COMPLETE	MI	10031086	Middle Inlet Wayside Rd upstream
10/13/2020 13:22	COMPLETE	UI	10043487	Upper Inlet - DS of Lk Noquebay WA Dike adjacent to water level control structure
10/27/2020 11:32	COMPLETE	N1	383125	Lake Noquebay - Deep Hole
10/27/2020 11:40	COMPLETE	N2	383125	Lake Noquebay - Deep Hole
4/19/2021 13:05	COMPLETE	MCM	10013170	Upper Middle Inlet-Mcmahon Road To Highway 141
4/19/2021 13:20	COMPLETE	141	10031087	Middle Inlet Hwy 141 upstream
4/19/2021 14:00	COMPLETE	QR	10022478	Lower Middle Inlet - Quarry Rd - West Crossing
4/19/2021 14:15	COMPLETE	SC	383041	Smith Creek at Smith Creek Road
4/28/2021 11:15	COMPLETE	MCM	10013170	Upper Middle Inlet-Mcmahon Road To Highway 141
4/28/2021 11:32	COMPLETE	141	10031087	Middle Inlet Hwy 141 upstream
4/28/2021 11:45	COMPLETE	QR	10022478	Lower Middle Inlet - Quarry Rd - West Crossing
4/28/2021 12:35	COMPLETE	SC	383041	Smith Creek at Smith Creek Road
7/7/2021 9:54	COMPLETE	SC	383041	Smith Creek at Smith Creek Road
7/7/2021 10:13	COMPLETE	QR	10022478	Lower Middle Inlet - Quarry Rd - West Crossing
7/7/2021 10:21	COMPLETE	141	10031087	Middle Inlet Hwy 141 upstream
7/7/2021 10:31	COMPLETE	MCM	10013170	Upper Middle Inlet-Mcmahon Road To Highway 141
8/3/2021 9:31	COMPLETE	SC	383041	Smith Creek at Smith Creek Road
8/3/2021 9:45	COMPLETE	QR	10022478	Lower Middle Inlet - Quarry Rd - West Crossing
8/3/2021 9:55	COMPLETE	MCM	10013170	Upper Middle Inlet-Mcmahon Road To Highway 141
8/3/2021 10:05	COMPLETE	141	10031087	Middle Inlet Hwy 141 upstream

Documents

Title	Description	Author	Published	Comments
LPL 1744 20_Final Report_Noquebay Nutrient Study_Aug 23	Lake Noquebay Nutrient Study	Marinette County Land & Water Conservation	8/1/2023	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

8/28/2024

Wisconsin Department of Natural Resources SWIMS Project Summary

Funding					
Organization	Source	Type	Amount	Start Date	End Date