

Wisconsin Department of Natural Resources SWIMS Project Summary

General Project Information

Project ID: LPL167718
Name: MARINETTE COUNTY: Bass Lake Alum Treatment Evaluation
Type: Lakes Grant
Subtype: Large Scale Lake Planning
Status: ACTIVE
Start Date: 02/15/2018
End Date: 06/30/2021
Purpose: Marinette County is sponsoring a project to evaluate the effect of watershed nutrient controls and the 1999 alum treatment, during the time span of Feb. 2018 \2013 Dec. 2020. The project elements and deliverables are specified in Marinette County\2019s Grant application dated December 5, 2017.

The project consists of: Conducting continuous flow monitoring on the Bass Lake inlet for use in watershed nutrient load estimates and lake nutrient budgeting, monitoring phosphorus concentrations in the Bass Lake inlet, calculating external phosphorus loading to Bass Lake, conducting a nutrient budget for Bass lake, conducting lake response modeling, and collecting sediment cores from Bass Lake to be analyzed for physical properties, aluminum, concentration, bound and soluble phosphorus, and measure soluble reactive phosphorus release rates.

Objective:
Comments: Grantee is MARINETTE COUNTY
Outcome:
Study Design:
QA Measures:

People

Name	Role	Status	Start Date	End Date	Organization	Comments
------	------	--------	------------	----------	--------------	----------

Project Statuses

Date	Reported By	Status	Comments
------	-------------	--------	----------

Actions

Action	Detailed Description	Start	End Date	Status
Grant Awarded	<p>Marinette County is sponsoring a project to evaluate the effect of watershed nutrient controls and the 1999 alum treatment, during the time span of Feb. 2018 \2013 Dec. 2020. The project elements and deliverables are specified in Marinette County\2019s Grant application dated December 5, 2017.</p> <p>The project consists of: Conducting continuous flow monitoring on the Bass Lake inlet for use in watershed nutrient load estimates and lake nutrient budgeting, monitoring phosphorus concentrations in the Bass Lake inlet, calculating external phosphorus loading to Bass Lake, conducting a nutrient budget for Bass lake, conducting lake response modeling, and collecting sediment cores from Bass Lake to be analyzed for physical properties, aluminum, concentration, bound and soluble phosphorus, and measure soluble reactive phosphorus release rates.</p>	02/15/2018	12/31/2020	COMPLETE

Wisconsin Department of Natural Resources SWIMS Project Summary

Monitoring Stations

Station ID	Name	Comments
383209	Bass Lake - Deep Hole	
383229	Bass Lake Tributary - Bass Lake Tributary	

Assessment Units

WBIC	Segment	Local Name	Official Name
521300	2	Bass Creek	Bass Creek
521400	1	Bass Lake	Bass Lake

Lab Account Codes

Account Code	Description	Start Date	End Date
--------------	-------------	------------	----------

Forms

Form Code	Form Name
-----------	-----------

Methods

Method Code	Description
-------------	-------------

Fieldwork Events

Start Date	Status	Field ID	Station ID	Station Name
05/02/2018	COMPLETE	B2	383209	Bass Lake - Deep Hole
05/02/2018 12:00	COMPLETE	B1	383209	Bass Lake - Deep Hole
05/21/2018 11:06	COMPLETE	B1	383209	Bass Lake - Deep Hole
05/21/2018 11:30	COMPLETE	B2	383209	Bass Lake - Deep Hole
05/29/2018 10:00	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
06/06/2018 09:44	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
06/12/2018 11:10	COMPLETE	B1	383209	Bass Lake - Deep Hole
06/12/2018 11:40	COMPLETE	B2	383209	Bass Lake - Deep Hole
06/18/2018 09:47	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
07/05/2018 09:40	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
07/17/2018 10:30	COMPLETE	B1	383209	Bass Lake - Deep Hole
07/17/2018 10:50	COMPLETE	B2	383209	Bass Lake - Deep Hole
08/06/2018 10:00	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
08/20/2018 10:47	COMPLETE	B1	383209	Bass Lake - Deep Hole
08/20/2018 10:55	COMPLETE	B2	383209	Bass Lake - Deep Hole
08/21/2018 09:30	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
08/29/2018 09:27	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
09/11/2018 13:03	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
09/18/2018 11:24	COMPLETE	B1	383209	Bass Lake - Deep Hole
09/18/2018 11:37	COMPLETE	B2	383209	Bass Lake - Deep Hole
09/23/2018 11:29	COMPLETE	B1	383209	Bass Lake - Deep Hole
09/23/2018 11:49	COMPLETE	B2	383209	Bass Lake - Deep Hole
10/08/2018 12:15	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
10/23/2018 10:10	COMPLETE	B IN	383229	Bass Lake Tributary - Bass Lake Tributary
11/05/2018 11:45	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
03/12/2019 10:30	COMPLETE	B2	383209	Bass Lake - Deep Hole
03/12/2019 10:40	COMPLETE	B1	383209	Bass Lake - Deep Hole
03/12/2019 11:45	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary

Wisconsin Department of Natural Resources SWIMS Project Summary

Start Date	Status	Field ID	Station ID	Station Name
04/02/2019 10:55	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
04/17/2019 10:35	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
04/18/2019 10:55	COMPLETE	BI2	383229	Bass Lake Tributary - Bass Lake Tributary
04/23/2019 14:50	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
06/18/2019 11:45	COMPLETE	B1	383209	Bass Lake - Deep Hole
06/18/2019 11:50	COMPLETE	B2	383209	Bass Lake - Deep Hole
06/18/2019 12:05	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
07/16/2019 10:55	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
07/22/2019 13:10	COMPLETE	B1	383209	Bass Lake - Deep Hole
07/22/2019 13:30	COMPLETE	B2	383209	Bass Lake - Deep Hole
07/22/2019 13:42	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
08/19/2019 11:35	COMPLETE	B2	383209	Bass Lake - Deep Hole
08/19/2019 12:05	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
09/13/2019 11:10	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
09/13/2019 12:36	COMPLETE	B1	383209	Bass Lake - Deep Hole
09/13/2019 12:51	COMPLETE	B2	383209	Bass Lake - Deep Hole
09/13/2019 13:05	COMPLETE	BIN 09/16/19	383229	Bass Lake Tributary - Bass Lake Tributary
09/23/2019 11:55	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
10/08/2019 10:25	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
10/22/2019 11:16	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
11/12/2019 12:25	COMPLETE	B1	383209	Bass Lake - Deep Hole
11/12/2019 12:35	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
11/12/2019 12:50	COMPLETE	B2	383209	Bass Lake - Deep Hole
04/28/2020 12:45	COMPLETE	B1	383209	Bass Lake - Deep Hole
04/28/2020 12:50	COMPLETE	B2	383209	Bass Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
-------	-------------	--------	-----------	----------

Budget

Combined Budgets:

Combined SLOH:

Combined Total:

Funding

Organization	Source	Type	Amount	Start Date	End Date
--------------	--------	------	--------	------------	----------