

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: COMPLETE

Start Date: 2/15/2018

End Date: 12/31/2022

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

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Action	Detailed Description	Start Date	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>	2/15/2018	12/31/2020	COMPLETE

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
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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
5/2/2018	COMPLETE	B2	383209	Bass Lake - Deep Hole
5/2/2018 12:00	COMPLETE	B1	383209	Bass Lake - Deep Hole
5/21/2018 11:06	COMPLETE	B1	383209	Bass Lake - Deep Hole
5/21/2018 11:30	COMPLETE	B2	383209	Bass Lake - Deep Hole

5/20/2024

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5/29/2018 10:00	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
6/6/2018 9:44	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
6/12/2018 11:10	COMPLETE	B1	383209	Bass Lake - Deep Hole
6/12/2018 11:40	COMPLETE	B2	383209	Bass Lake - Deep Hole
6/18/2018 9:47	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
7/5/2018 9:40	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
7/17/2018 10:30	COMPLETE	B1	383209	Bass Lake - Deep Hole
7/17/2018 10:50	COMPLETE	B2	383209	Bass Lake - Deep Hole
8/6/2018 10:00	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
8/20/2018 10:47	COMPLETE	B1	383209	Bass Lake - Deep Hole
8/20/2018 10:55	COMPLETE	B2	383209	Bass Lake - Deep Hole
8/21/2018 9:30	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
8/29/2018 9:27	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
9/11/2018 13:03	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
9/18/2018 11:24	COMPLETE	B1	383209	Bass Lake - Deep Hole
9/18/2018 11:37	COMPLETE	B2	383209	Bass Lake - Deep Hole
9/23/2018 11:29	COMPLETE	B1	383209	Bass Lake - Deep Hole
9/23/2018 11:49	COMPLETE	B2	383209	Bass Lake - Deep Hole
10/8/2018 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
11/5/2018 11:45	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
3/12/2019 10:30	COMPLETE	B2	383209	Bass Lake - Deep Hole
3/12/2019 10:40	COMPLETE	B1	383209	Bass Lake - Deep Hole
3/12/2019 11:45	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
4/2/2019 10:55	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
4/17/2019 10:35	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary
4/18/2019 10:55	COMPLETE	BI2	383229	Bass Lake Tributary - Bass Lake Tributary
4/23/2019 13:50	COMPLETE	B-1	383209	Bass Lake - Deep Hole
4/23/2019 14:10	COMPLETE	B-2	383209	Bass Lake - Deep Hole
4/23/2019 14:10	COMPLETE	B-2	383209	Bass Lake - Deep Hole
4/23/2019 14:50	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
6/18/2019 11:45	COMPLETE	B1	383209	Bass Lake - Deep Hole
6/18/2019 11:50	COMPLETE	B2	383209	Bass Lake - Deep Hole
6/18/2019 12:05	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
7/16/2019 10:55	COMPLETE	BI	383229	Bass Lake Tributary - Bass Lake Tributary

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7/22/2019 13:10	COMPLETE	B1	383209	Bass Lake - Deep Hole
7/22/2019 13:30	COMPLETE	B2	383209	Bass Lake - Deep Hole
7/22/2019 13:42	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
8/19/2019 11:35	COMPLETE	B2	383209	Bass Lake - Deep Hole
8/19/2019 12:05	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
9/13/2019 11:10	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
9/13/2019 12:36	COMPLETE	B1	383209	Bass Lake - Deep Hole
9/13/2019 12:51	COMPLETE	B2	383209	Bass Lake - Deep Hole
9/13/2019 13:05	COMPLETE	BIN 09/16/19	383229	Bass Lake Tributary - Bass Lake Tributary
9/23/2019 11:55	COMPLETE	BIN	383229	Bass Lake Tributary - Bass Lake Tributary
10/8/2019 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
4/28/2020 12:45	COMPLETE	B1	383209	Bass Lake - Deep Hole
4/28/2020 12:50	COMPLETE	B2	383209	Bass Lake - Deep Hole

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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