

Wisconsin Department of Natural Resources
SWIMS Project Summary

General Project Information

Project ID: LPL161717

Name: BEAVER DAM LAKE IMPROVEMENT ASSOCIATION: Habitat Recovery Beaver Dam Watershed

Type: Lakes Grant

Subtype: Large Scale Lake Planning

Status: COMPLETE

Start Date: 2/15/2017

End Date: 12/31/2018

Purpose: BDLIA will conduct a variety of planning activities to add detail to their comprehensive lake management plan. 1. Focusing on the Beaver Creek subwatershed, they will conduct detailed surveys and analysis of the watershed, and investigate habitat enhancement on tributary streams. Deliverables include watershed assessment parameters, an implementation schedule, and a social survey (see application for details). 2. Assess feasibility of constructing wave barrier island to reduce fetch on the lake by creating a model to compare design options. Deliverables include design criteria and cost estimates for future decision making. 3. Monitor water quality and flow at three major tributaries to determine nutrient loading. Results will be compared with WILMs estimates. This will results in identification of legacy impact of previously applied materials to the subwatersheds, possible measures to reduce algae blooms, and a nutrient management plan. 4. Survey and design for a rough fish barrier at Rakes Bay, to be used as a plan for installation. This carp barrier will improve the water quality and aquatic plant community in the bay. For complete details of these activities and deliverables, see the project application. Results of this project will be shared with stakeholders via website, newsletter, meetings, and media releases, in addition to special stakeholder meetings.

Objective:

Comments: Grantee is BEAVER DAM LAKE IMPROVEMENT ASSOCIATION

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Beaver Dam Lake Improvement As	GRANT_RECIPIENT	ACTIVE	5/10/2017		Beaver Dam Lake Improvement Association	
Roell, Bob	TEAM_MEMBER	ACTIVE	9/22/2017			

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	BDLIA will conduct a variety of planning activities to add detail to their comprehensive lake management plan. 1. Focusing on the Beaver Creek subwatershed, they will conduct detailed surveys and analysis of the watershed, and investigate habitat enhancement on tributary streams.	2/15/2017	6/30/2018	COMPLETE

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Monitoring Stations		
Station ID	Name	Comments
10049276	Beaver Creek US County Road DG	
143120	Beaver Creek at CTH G	
10030028	Beaver Creek at State Road 73	
10048828	Beaver Crk at CTH G (upper crossing)	
143311	Beaver Dam Lake - Breezy Point	
143122	Beaver Dam Lake - Deep Hole (Denning Point)	
143034	Beaver Dam Lake - North End	
10049214	Beaver Dam Lake - Rakes Bay	
10034340	Beaver Dam River at Cooper St	
10049277	Unnamed Trib to Beaver Creek US HWY 146	

Assessment Units			
WBIC	Segment	Local Name	Official Name
831400	3	Beaver Dam River	Beaver Dam River
835100	1	Beaver Dam Lake	Beaver Dam Lake
835500	1	Mill Creek	Mill Creek
836500	1	Beaver Creek	Beaver Creek
5030974	1	Unnamed Stream	Unnamed
5031209	1	Unnamed Stream	Unnamed

Lab Account Codes			
Account Code	Description	Start Date	End Date

Forms	
Form Code	Form Name

Methods	
Method Code	Method Description

Fieldwork Events				
Start Date	Status	Field ID	Station ID	Station Name
5/9/2017 11:30	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
5/9/2017 13:30	COMPLETE	DENNING POINT 143122	143122	Beaver Dam Lake - Deep Hole (Denning Point)
5/9/2017 13:45	COMPLETE	BREEZY POINT 143311	143311	Beaver Dam Lake - Breezy Point
5/9/2017 14:15	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
5/10/2017 13:00	COMPLETE	BEAVER DAM RIVER	10034340	Beaver Dam River at Cooper St

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5/25/2017 10:00	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
5/25/2017 12:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
5/25/2017 13:00	COMPLETE	BEAVER DAM RIVER	10034340	Beaver Dam River at Cooper St
5/26/2017 10:20	COMPLETE	NA	143120	Beaver Creek at CTH G
5/26/2017 10:40	COMPLETE	NA	10030028	Beaver Creek at State Road 73
5/26/2017 11:00	COMPLETE	NA	10049276	Beaver Creek US County Road DG
5/27/2017 12:00	COMPLETE	DEEP HOLE	143122	Beaver Dam Lake - Deep Hole (Denning Point)
5/27/2017 12:00	COMPLETE	NORTH END	143034	Beaver Dam Lake - North End
6/5/2017 11:00	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
6/5/2017 14:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
6/6/2017 7:00	COMPLETE	BD RIVER	10034340	Beaver Dam River at Cooper St
6/21/2017 9:45	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
6/21/2017 11:00	COMPLETE	BD RIVER	10034340	Beaver Dam River at Cooper St
6/21/2017 12:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
6/24/2017 9:45	COMPLETE	9D	143120	Beaver Creek at CTH G
6/24/2017 11:30	COMPLETE	5D	10030028	Beaver Creek at State Road 73
6/24/2017 11:50	COMPLETE	1D	10049276	Beaver Creek US County Road DG
6/27/2017 12:00	COMPLETE	DEEP HOLE	143122	Beaver Dam Lake - Deep Hole (Denning Point)
6/27/2017 12:00	COMPLETE	NORTH END	143034	Beaver Dam Lake - North End
7/16/2017 10:55	COMPLETE	9D	143120	Beaver Creek at CTH G
7/16/2017 11:20	COMPLETE	5D	10030028	Beaver Creek at State Road 73
7/16/2017 11:40	COMPLETE	1D	10049276	Beaver Creek US County Road DG
7/17/2017 16:00	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
7/17/2017 16:00	COMPLETE	DEEP HOLE	143122	Beaver Dam Lake - Deep Hole (Denning Point)
7/17/2017 16:00	COMPLETE	NORTH END	143034	Beaver Dam Lake - North End
7/19/2017 8:30	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
7/19/2017 10:30	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
7/19/2017 13:00	COMPLETE	BEAVER DAM RIVER	10034340	Beaver Dam River at Cooper St
8/1/2017 12:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
8/1/2017 13:30	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
8/1/2017 15:00	COMPLETE	BEAVER DAM RIVER	10034340	Beaver Dam River at Cooper St
8/11/2017 9:45	COMPLETE	9D	143120	Beaver Creek at CTH G
8/11/2017 10:15	COMPLETE	5D	10030028	Beaver Creek at State Road 73
8/11/2017 13:10	COMPLETE	1D	10049276	Beaver Creek US County Road DG
8/13/2017 18:00	COMPLETE	DEEP HOLE	143122	Beaver Dam Lake - Deep Hole (Denning Point)

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8/13/2017 18:00	COMPLETE	NORTH END	143034	Beaver Dam Lake - North End
8/16/2017 10:30	COMPLETE	BEAVER DAM RIVER	10034340	Beaver Dam River at Cooper St
8/16/2017 12:00	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
8/16/2017 14:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
8/16/2017 19:21	COMPLETE	DOWNSTREAM OF BRIDGE	143120	Beaver Creek at CTH G
8/17/2017 6:44	COMPLETE	E2C5	143120	Beaver Creek at CTH G
8/17/2017 6:57	COMPLETE	E2C2	143120	Beaver Creek at CTH G
8/17/2017 11:18	COMPLETE	E2C3	143120	Beaver Creek at CTH G
8/17/2017 15:40	COMPLETE	E2C4	143120	Beaver Creek at CTH G
8/30/2017 10:30	COMPLETE	BEAVER CREEK	143120	Beaver Creek at CTH G
8/30/2017 12:00	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
9/11/2017 13:00	COMPLETE	DEEP HOLE	143122	Beaver Dam Lake - Deep Hole (Denning Point)
9/11/2017 13:00	COMPLETE	NORTH END	143034	Beaver Dam Lake - North End
9/11/2017 15:30	COMPLETE	9D	143120	Beaver Creek at CTH G
9/11/2017 15:50	COMPLETE	5D	10030028	Beaver Creek at State Road 73
9/11/2017 16:15	COMPLETE	1D	10049276	Beaver Creek US County Road DG
9/11/2017 16:40	COMPLETE	A11U	10048828	Beaver Crk at CTH G (upper crossing)
9/11/2017 17:10	COMPLETE	A12D	10049277	Unnamed Trib to Beaver Creek US HWY 146
9/13/2017 10:30	COMPLETE	BREEZY POINT 143311	143311	Beaver Dam Lake - Breezy Point
9/13/2017 10:45	COMPLETE	RAKES BAY	10049214	Beaver Dam Lake - Rakes Bay
10/6/2017 12:00	COMPLETE	73	10030028	Beaver Creek at State Road 73
10/6/2017 12:20	COMPLETE	DG	10049276	Beaver Creek US County Road DG
10/6/2017 12:30	COMPLETE	146	10049277	Unnamed Trib to Beaver Creek US HWY 146
10/6/2017 12:30	COMPLETE	PIERCE	10048828	Beaver Crk at CTH G (upper crossing)

Documents

Title	Description	Author	Published	Comments
LPL 1617 17_Final Report_Beaver Dam Lake_05132019	Beaver Dam Lake Management Plan Phase II includes information about Beaver Creek, lake fetch, nutrient mass analysis, inventory of tributaries and culverts, community outreach, implementation plan and several enclosures.		5/13/2019	

Budget

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Combined Budgets:
Combined WSLH:
Combined Total: \$0.00

Funding					
Organization	Source	Type	Amount	Start Date	End Date