

**Wisconsin Department of Natural Resources  
SWIMS Project Summary****General Project Information**

**Project ID:** LPT63119

**Name:** GREEN LAKE COUNTY: LMI - Twin Lakes/Hill Creek/Green Lake Phosphorus Reduction Project

**Type:** Lakes Grant

**Subtype:** Lake Protection Grant

**Status:** COMPLETE

**Start Date:** 4/15/2019

**End Date:** 6/30/2020

**Purpose:** The Green Lake Sanitary District is sponsoring a project to study Big and Little Twin Lakes along with Hill Creek to identify ways to reduce phosphorus loading.

Project final deliverables include: Annual reports submitted to DNR \2013 Lake Coordinator with all data collected, conclusions and plans for future work. At the end of the project a final report / plan needs to be submitted and approved by the local DNR \2013 Lake Coordinator.

Specific project activities include: 1) In-lake water quality monitoring at 4 stations; 2) Point intercept surveys following DNR protocol; 3) Determine vertical impoundment effect of dam; 4. Investigate water level management as an APM / water quality improvement tool; 4) CLMN; 5) Conduct early season AIS sampling with mapping; 5) Biannual public education and outreach meetings.

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; 3) Stations for water quality sampling must be approved by DNR \2013 Lake Coordinator prior any sampling taking place.

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.

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 GREEN LAKE COUNTY

**Outcome:**

**Study Design:**

**QA Measures:**

**People**

Name	Role	Status	Start Date	End Date	Organization	Comments
GREEN LAKE COUNTY,	GRANT_RECIP ENT	ACTIVE	6/4/2019		GREEN LAKE COUNTY	

**Project Statuses**

Date	Reported By	Status	Comments
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**Actions**

Action	Detailed Description	Start Date	End Date	Status
Grant Awarded	Grant LPT63119 awarded	4/15/2019	6/30/2020	COMPLETE

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Monitoring Stations		
Station ID	Name	Comments
243018	Big Twin Lake - Deepest Part	
10015830	Hill Creek - Above Lake View Road 100 Yards	
243023	Little Twin Lake - Deep Hole	
10033607	Unnamed Creek at County Road K	

Assessment Units			
WBIC	Segment	Local Name	Official Name
146100	1	Green Lake (Big Green)	Green Lake
146100	6	Pilgrim Center Beach, Green Lake	Green Lake
146100	9	Green Lake (Northern Lobe)	Green Lake
146200	1	Hill Creek	Hill Creek
146400	1	Little Twin Lake	Little Twin Lake
146500	1	Big Twin Lake	Big Twin Lake
146515	1	Local Water	Unnamed
146800	3	Silver Creek Mouth	Silver Creek
146800	5	Silver Cr Spaulding, Kmart Beach	Silver Creek
3000091	1	Assembly Creek	Assembly Creek
3000531	1	Local Water	Unnamed
5026636	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
5/14/2019 10:15	COMPLETE	BTL-MAY-14-01	243018	Big Twin Lake - Deepest Part
5/14/2019 10:45	COMPLETE	LTL-MAY-14-01	243023	Little Twin Lake - Deep Hole
5/14/2019 11:20	COMPLETE	CTYK-MAY-14-01	10033607	Unnamed Creek at County Road K
5/14/2019 11:40	COMPLETE	LKVW-MAY14-01	10015830	Hill Creek - Above Lake View Road 100 Yards
5/22/2019 11:30	COMPLETE	BTL-MAY22	243018	Big Twin Lake - Deepest Part
5/22/2019 12:00	COMPLETE	LTL-MAY22	243023	Little Twin Lake - Deep Hole

5/19/2024

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5/22/2019 12:30	COMPLETE	LKVW-MAY22	10015830	Hill Creek - Above Lake View Road 100 Yards
5/22/2019 12:45	COMPLETE	CTYK-MAY22	10033607	Unnamed Creek at County Road K
5/29/2019 12:30	COMPLETE	BTL-MAY29	243018	Big Twin Lake - Deepest Part
5/29/2019 13:00	COMPLETE	LTL-MAY29	243023	Little Twin Lake - Deep Hole
5/29/2019 13:30	COMPLETE	CTYK-MAY29	10033607	Unnamed Creek at County Road K
5/29/2019 14:00	COMPLETE	LKVW-MAY29	10015830	Hill Creek - Above Lake View Road 100 Yards
6/4/2019 9:30	COMPLETE	LTL-JUN4	243023	Little Twin Lake - Deep Hole
6/4/2019 9:45	COMPLETE	BTL-JUN4	243018	Big Twin Lake - Deepest Part
6/4/2019 10:15	COMPLETE	CTYK-JUN4	10033607	Unnamed Creek at County Road K
6/4/2019 10:45	COMPLETE	LKVW-JUN4	10015830	Hill Creek - Above Lake View Road 100 Yards
6/12/2019 10:20	COMPLETE	LTL-JUN12	243023	Little Twin Lake - Deep Hole
6/12/2019 11:00	COMPLETE	BTL-JUN12	243018	Big Twin Lake - Deepest Part
6/12/2019 11:35	COMPLETE	CTYK-JUN12	10033607	Unnamed Creek at County Road K
6/12/2019 12:00	COMPLETE	LKVW-JUN12	10015830	Hill Creek - Above Lake View Road 100 Yards
6/19/2019 10:30	COMPLETE	LTL-JUN19	243023	Little Twin Lake - Deep Hole
6/19/2019 10:50	COMPLETE	BTL-JUN19	243018	Big Twin Lake - Deepest Part
6/19/2019 11:20	COMPLETE	CTYK-JUN19	10033607	Unnamed Creek at County Road K
6/19/2019 11:45	COMPLETE	LKVW-JUN19	10015830	Hill Creek - Above Lake View Road 100 Yards
6/26/2019 11:15	COMPLETE	LTL-JUN26	243023	Little Twin Lake - Deep Hole
6/26/2019 11:35	COMPLETE	BTL-JUN26	243018	Big Twin Lake - Deepest Part
6/26/2019 12:00	COMPLETE	CTYK-JUN26	10033607	Unnamed Creek at County Road K
6/26/2019 12:15	COMPLETE	LKVW-JUN26	10015830	Hill Creek - Above Lake View Road 100 Yards
7/1/2019 11:20	COMPLETE	LTL-JUL1	243023	Little Twin Lake - Deep Hole
7/1/2019 11:40	COMPLETE	BTL-JUL1	243018	Big Twin Lake - Deepest Part
7/1/2019 12:25	COMPLETE	CTYK-JUL1	10033607	Unnamed Creek at County Road K
7/1/2019 12:40	COMPLETE	LKVW-JUL1	10015830	Hill Creek - Above Lake View Road 100 Yards
7/10/2019 11:00	COMPLETE	LTL-JUL10	243023	Little Twin Lake - Deep Hole
7/10/2019 11:20	COMPLETE	BTL-JUL10	243018	Big Twin Lake - Deepest Part
7/10/2019 11:50	COMPLETE	CTYK-JUL10	10033607	Unnamed Creek at County Road K
7/10/2019 12:20	COMPLETE	LKVW-JUL10	10015830	Hill Creek - Above Lake View Road 100 Yards
7/17/2019 8:15	COMPLETE	LKVW-JUL17	10015830	Hill Creek - Above Lake View Road 100 Yards
7/17/2019 8:35	COMPLETE	CTYK-JUL17	10033607	Unnamed Creek at County Road K
7/17/2019 9:00	COMPLETE	LTL-JUL17	243023	Little Twin Lake - Deep Hole
7/17/2019 9:20	COMPLETE	BTL-JUL17	243018	Big Twin Lake - Deepest Part
7/24/2019 10:00	COMPLETE	BTL-JUL24	243018	Big Twin Lake - Deepest Part

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7/24/2019 10:00	COMPLETE	CTYK-JUL24	10033607	Unnamed Creek at County Road K
7/24/2019 10:00	COMPLETE	LKVW-JUL24	10015830	Hill Creek - Above Lake View Road 100 Yards
7/24/2019 10:00	COMPLETE	LTL-JUL24	243023	Little Twin Lake - Deep Hole
8/7/2019 10:30	COMPLETE	BTL-AUG07	243018	Big Twin Lake - Deepest Part
8/7/2019 10:30	COMPLETE	CTYK-AUG07	10033607	Unnamed Creek at County Road K
8/7/2019 10:30	COMPLETE	LKVW-AUG07	10015830	Hill Creek - Above Lake View Road 100 Yards
8/7/2019 10:30	COMPLETE	LTL-AUG07	243023	Little Twin Lake - Deep Hole
8/15/2019 7:00	COMPLETE	BTL-AUG14	243018	Big Twin Lake - Deepest Part
8/15/2019 7:00	COMPLETE	CTYK-AUG14	10033607	Unnamed Creek at County Road K
8/15/2019 7:00	COMPLETE	LKVW-AUG14	10015830	Hill Creek - Above Lake View Road 100 Yards
8/21/2019 7:30	COMPLETE	BTL-AUG21	243018	Big Twin Lake - Deepest Part
8/21/2019 7:30	COMPLETE	CTYK-AUG21	10033607	Unnamed Creek at County Road K
8/21/2019 7:30	COMPLETE	LKVW-AUG21	10015830	Hill Creek - Above Lake View Road 100 Yards
8/21/2019 7:30	COMPLETE	LTL-AUG21	243023	Little Twin Lake - Deep Hole
8/29/2019 7:45	COMPLETE	BTL-AUG29	243018	Big Twin Lake - Deepest Part
8/29/2019 7:45	COMPLETE	CTYK-AUG29	10033607	Unnamed Creek at County Road K
8/29/2019 7:45	COMPLETE	LTL-AUG30	243023	Little Twin Lake - Deep Hole
9/5/2019 8:00	COMPLETE	BTL-SEPT5	243018	Big Twin Lake - Deepest Part
9/5/2019 8:00	COMPLETE	CTYK-SEPT5	10033607	Unnamed Creek at County Road K
9/5/2019 8:00	COMPLETE	LKVW-SEPT5	10015830	Hill Creek - Above Lake View Road 100 Yards
9/5/2019 8:00	COMPLETE	LTL-SEPT5	243023	Little Twin Lake - Deep Hole
9/11/2019 9:00	COMPLETE	BTL-SEPT11	243018	Big Twin Lake - Deepest Part
9/11/2019 9:00	COMPLETE	CTYK-SEPT11	10033607	Unnamed Creek at County Road K
9/11/2019 9:00	COMPLETE	LKVW-SEPT11	10015830	Hill Creek - Above Lake View Road 100 Yards
9/11/2019 9:00	COMPLETE	LTL-SEPT11	243023	Little Twin Lake - Deep Hole
9/19/2019 8:00	COMPLETE	BTL-SEPT19	243018	Big Twin Lake - Deepest Part
9/19/2019 8:00	COMPLETE	CTYK-SEPT19	10033607	Unnamed Creek at County Road K
9/19/2019 8:00	COMPLETE	LKVW-SEPT19	10015830	Hill Creek - Above Lake View Road 100 Yards
9/19/2019 8:00	COMPLETE	LTL-SEPT19	243023	Little Twin Lake - Deep Hole
9/26/2019 8:00	COMPLETE	BTL-SEPT26	243018	Big Twin Lake - Deepest Part
9/26/2019 8:00	COMPLETE	CTYK-SEPT26	10033607	Unnamed Creek at County Road K
9/26/2019 8:00	COMPLETE	LKVW-SEPT26	10015830	Hill Creek - Above Lake View Road 100 Yards
9/26/2019 8:00	COMPLETE	LTL-SEPT26	243023	Little Twin 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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