

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_RECIPIENT | ACTIVE | 6/4/2019 | | GREEN LAKE COUNTY | |

Project Statuses

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

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 |

8/28/2024

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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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Wisconsin Department of Natural Resources SWIMS Project Summary

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

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