

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

Project ID:

LPT-154-01

Name:

LITTLE GREEN LAKE P & R DISTRICT: RES-Little Green Lake Destratification Project

Type:

Lakes Grant

Subtype:

Lake Protection Grant

Status:

COMPLETE

Start Date:

9/1/2000

End Date:

6/30/2003

Purpose:

The Little Green Lake Protection & Rehabilitation District proposes to install a circulation system consisting of compressors, air delivery lines, filter system, and a housing structure. The circulation system is designed to ensure sufficient oxygen concentrations in the deep-water areas of the lake. Oxygen in deep-water areas of the lake will reduce the release of phosphorous from the lake sediment and decrease the level of lake fertilization. This will result in improved water clarity and algae conditions thereby improving water quality conditions for recreation and aesthetics.

Local resources to be provided include volunteer services during installatiotn, volunteer services regarding project management, and financial contribution from Green Lake County.

The project deliverables will include design and installation of a system of compressors and airline sufficient to circulate lake water in the deepest portions of the lake generally greater than 15 feet; report of evaluation monitoring of lake nutrient and mixing conditions after the system becomes operational; and, conduct pre and post operation public informational meetings and prepare fact sheets (current lake conditions, descriptions of circ system, goals/benefits/ecological effects).

Objective:

Comments:

Grantee is LITTLE GREEN LAKE P & R DISTRICT

Outcome:

Study Design:

QA Measures:

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Little Green Lake P & R Distri	GRANT_RECIPIENT	ACTIVE	9/1/2000	6/30/2003	Little Green Lake P & R District	

Project Statuses

Date	Reported By	Status	Comments
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Actions

Action	Detailed Description	Start Date	End Date	Status
Develop/Distribute Brochures/Literature		9/1/2000	6/30/2003	PROPOSED
Lakes Protection Grant		9/1/2000	6/30/2003	PROPOSED

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Project Deliverable	The project deliverables will include design and installation of a system of compressors and airline sufficient to circulate lake water in the deepest portions of the lake generally greater than 15 feet; report of evaluation monitoring of lake nutrient and mixing conditions after the system becomes operational; and, conduct pre and post operation public informational meetings and prepare fact sheets (current lake conditions, descriptions of circ system, goals/benefits/ecological effects).	9/1/2000	6/30/2003	PROPOSED
Grant Awarded	<p>The Little Green Lake Protection &amp; Rehabilitation District proposes to install a circulation system consisting of compressors, air delivery lines, filter system, and a housing structure. The circulation system is designed to ensure sufficient oxygen concentrations in the deep-water areas of the lake. Oxygen in deep-water areas of the lake will reduce the release of phosphorous from the lake sediment and decrease the level of lake fertilization. This will result in improved water clarity and algae conditions thereby improving water quality conditions for recreation and aesthetics.</p> <p>Local resources to be provided include volunteer services during installation, volunteer services regarding project management, and financial contribution from Green Lake County.</p> <p>The project deliverables will include design and installation of a system of compressors and airline sufficient to circulate lake water in the deepest portions of the lake generally greater than 15 feet; report of evaluation monitoring of lake nutrient and mixing conditions after the system becomes operational; and, conduct pre and post operation public informational meetings and prepare fact sheets (current lake conditions, descriptions of circ system, goals/benefits/ecological effects).</p>	9/1/2000		COMPLETE
Informational Meetings		9/1/2000	6/30/2003	PROPOSED
Habitat Restoration - Lake	The Little Green Lake Protection & Rehabilitation District proposes to install a circulation system consisting of compressors, air delivery lines, filter system, and a housing structure. The circulation system is designed to ensure sufficient oxygen concentrations in the deep-water areas of the lake.	9/1/2000	6/30/2003	COMPLETE
Monitor Water Quality or Sediment		9/1/2000	6/30/2003	PROPOSED
Information and Education		9/1/2000	6/30/2003	PROPOSED

### Monitoring Stations

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Station ID	Name	Comments
243037	Little Green Lake at Center Near Markesan WI	

Assessment Units

WBIC	Segment	Local Name	Official Name
103700	1	Heart Lake	Heart Lake
111600	1	Un Lake	Unnamed
111700	1	Un Lake	Unnamed
112200	1	Un Lake	Unnamed
112300	1	Un Lake	Unnamed
112500	1	Un Lake	Unnamed
112600	1	Un Lake	Unnamed
112800	1	Un Lake	Unnamed
112900	1	Un Lake	Unnamed
113000	1	Un Lake	Unnamed
113100	1	Un Lake	Unnamed
113200	1	Un Lake	Unnamed
116800	1	Un Spring	Un Spring
117900	7	Fox River	Fox River
117900	8	Fox River	Fox River
117900	10	Fox River	Fox River
117900	11	Fox River	Fox River
117900	12	Fox River	Fox River
117900	13	Fox River	Fox River
143300	1	Barnes Creek	Barnes Creek
143700	1	Harrington Creek	Harrington Creek
144400	1	Town Drain	Town Drain
144500	1	Local Water	Unnamed
144800	1	Un Lake	Unnamed
145100	1	Unnamed Stream	Unnamed
145200	1	Puchyan River	Puchyan River
145200	2	Puchyan River	Puchyan River
145300	1	Snake Creek	Snake Creek
145300	2	Snake Creek	Snake Creek
145300	3	Snake Creek	Snake Creek
145300	4	Snake Creek	Snake Creek

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145700	1	Unnamed Lake	Unnamed
145900	1	Puchyan Millpond	Puchyan Millpond
146100	1	Green Lake (Big Green)	Green Lake
146100	2	Aba Beach, Green Lake	Green Lake
146100	3	Camp Grow Beach, Green Lake	Green Lake
146100	4	Dodge County Park Beach, Green Lake	Green Lake
146100	5	Hattie Sherwood Beach, Green Lake	Green Lake
146100	6	Pilgrim Center Beach, Green Lake	Green Lake
146100	7	Silver Creek -- Spaulding Road, Green Lake	Green Lake
146100	8	Sunset County Park, Green Lake	Green Lake
146100	9	Green Lake (Northern Lobe)	Green Lake
146100	10	Green Lake	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
146600	1	White Creek	White Creek
146700	1	Dakin Creek	Dakin Creek
146800	1	Silver Creek	Silver Creek
146800	3	Silver Creek Mouth	Silver Creek
146800	5	Silver Cr Spaulding, Kmart Beach	Silver Creek
146900	1	Unnamed Trib to Silver Creek	Unnamed
147000	1	Unnamed Trib to Silver Creek	Unnamed
147200	1	Un Lake	Unnamed
148000	1	Spring Creek	Spring Creek
148100	1	Spring Lake (Spirit)	Spring Lake
148200	1	Roy Creek	Roy Creek
148300	1	Wuerches Creek	Unnamed
148350	1	Unnamed Stream	Unnamed
148500	1	White River	White River
148600	1	Sucker Creek	Sucker Creek
154000	1	Black Creek	Black Creek
154400	1	Mill Race	Mill Race
158700	1	Puckaway Lake	Puckaway Lake
158800	1	Local Water	Unnamed

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159300	1	Grand River	Grand River
159300	2	Grand River	Grand River
159900	1	Grand River Marsh	Grand River Marsh*
160000	1	Belle Fountain Creek	Belle Fountain Creek
160160	1	South Branch Belle Fountain Creek	South Branch Belle Fountain Creek
160170	1	North Branch Belle Fountain Creek	North Branch Belle Fountain Creek
160300	1	Spring Creek	Spring Creek
160600	1	Spring Lake	Spring Lake
160700	1	Local Water	Unnamed
160800	1	Dog Lake	Dog Lake
161100	1	Grand Lak (Millpond)	Grand Lake (Millpond)
161300	1	Unnamed Creek	Unnamed
161800	1	Local Water	Unnamed
161900	1	Maria Lake	Lake Maria
162200	1	Manchester Millpond	Mill Pond
162500	1	Little Green Lake	Little Green Lake
869800	2	Rock River, South Branch	South Branch Rock River
871200	1	Local Water	Unnamed
3000091	1	Assembly Creek	Assembly Creek
3000500	1	Unnamed Stream	Unnamed
3000504	1	Local Water	Unnamed
3000511	1	Unnamed Stream	Unnamed
3000512	1	Local Water	Unnamed
3000531	1	Local Water	Unnamed
5025336	1	Unnamed Trib to Fox R	Unnamed
5025406	1	Unnamed Stream	Unnamed
5025649	1	Unnamed Stream	Unnamed
5025698	1	Unnamed Stream	Unnamed
5025727	1	Local Water	Unnamed
5026125	1	Unnamed Stream	Unnamed
5026248	1	Local Water	Unnamed
5026283	1	Unnamed Stream	Unnamed
5026290	1	Unnamed Stream	Unnamed
5026316	1	Unnamed Trib to Fox River	Unnamed
5026355	1	Unnamed Stream	Unnamed

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5026379	1	Unnamed Stream	Unnamed
5026410	1	Unnamed Stream	Unnamed
5026476	1	Unnamed Stream	Unnamed
5026636	1	Unnamed Stream	Unnamed
5026724	1	Unnamed Stream	Unnamed
5026909	1	Unnamed Stream	Unnamed
5026951	1	Unnamed Stream	Unnamed
5026951	2	Unnamed Stream	Unnamed
5027017	1	Unnamed Stream	Unnamed
5027048	1	Unnamed Stream	Unnamed
5027058	1	Unnamed Stream	Unnamed
5027092	1	Unnamed Stream	Unnamed
5027115	1	Unnamed Stream	Unnamed
5027123	1	Unnamed Stream	Unnamed
5027140	1	Unnamed Stream	Unnamed
5027202	1	Unnamed Stream	Unnamed
5027219	1	Unnamed Trib to Hill Creek	Unnamed
5027225	1	Unnamed Stream	Unnamed
5027236	1	Unnamed Stream	Unnamed
5027243	1	Unnamed Trib to White Creek	Unnamed
5027249	1	Unnamed Stream	Unnamed
5027278	1	Unnamed Stream	Unnamed
5027344	1	Unnamed Stream	Unnamed
5027496	1	Unnamed Stream	Unnamed
5027574	1	Unnamed Trib to Wuerches Creek	Unnamed
5027591	1	Unnamed Stream	Unnamed
5027609	1	Unnamed Stream	Unnamed
5027690	1	Unnamed Stream	Unnamed
5027717	1	Unnamed Stream	Unnamed
5027805	1	Unnamed Stream	Unnamed
5027809	1	Unnamed Stream	Unnamed
5027834	1	Unnamed Stream	Unnamed
5027950	1	Unnamed Stream	Unnamed
5028029	1	Unnamed Stream	Unnamed
5028071	1	Unnamed Stream	Unnamed

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5028181	1	Unnamed Stream	Unnamed
5028204	1	Unnamed Stream	Unnamed
5028245	1	Unnamed Stream	Unnamed
5028256	1	Unnamed Stream	Unnamed
5028985	1	Local Water	Unnamed
5559194	1	Local Water	Unnamed
5559402	1	Local Water	Unnamed
5559431	1	Local Water	Unnamed
5559477	1	Local Water	Unnamed
5559518	1	Local Water	Unnamed
5559533	1	Local Water	Unnamed
5559643	1	Local Water	Unnamed
5559823	1	Local Water	Unnamed
5559863	1	Local Water	Unnamed
5560362	1	Local Water	Unnamed
5560444	1	Local Water	Unnamed
5560467	1	Local Water	Unnamed
5560961	1	Local Water	Unnamed
5561091	1	Local Water	Unnamed
5561177	1	Local Water	Unnamed
5561336	1	Local Water	Unnamed
5561443	1	Local Water	Unnamed
5561471	1	Local Water	Unnamed
5561558	1	Green Lake - Canal North	Unnamed
5561664	1	Local Water	Unnamed
5561797	1	Local Water	Unnamed
5561985	1	Local Water	Unnamed
5562086	1	Local Water	Unnamed
5562408	1	Green Lake - Beyers Cove; West Channel	Unnamed
5562494	1	Local Water	Unnamed
5562499	1	Local Water	Unnamed
5562513	1	Local Water	Unnamed
5562589	1	Local Water	Unnamed
5562724	1	Local Water	Unnamed
5562826	1	Local Water	Unnamed

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5562997	1	Local Water	Unnamed
5563183	1	Local Water	Unnamed
5563234	1	Local Water	Unnamed
5563251	1	Local Water	Unnamed
5563266	1	Unnamed	Unnamed
5563268	1	Local Water	Unnamed
5563281	1	Local Water	Unnamed
5563766	1	Local Water	Unnamed
5563819	1	Local Water	Unnamed
5563838	1	Local Water	Unnamed
5564544	1	Local Water	Unnamed
5564648	1	Local Water	Unnamed
5564668	1	Local Water	Unnamed
5564712	1	Local Water	Unnamed
5587868	1	Local Water	Unnamed

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
2/15/2001 10:15	COMPLETE	L33	243037	Little Green Lake at Center Near Markesan WI
2/15/2001 10:20	COMPLETE	L-34	243037	Little Green Lake at Center Near Markesan WI
4/25/2001 10:05	COMPLETE	L-1	243037	Little Green Lake at Center Near Markesan WI
4/25/2001 10:06	COMPLETE	Q-3	243037	Little Green Lake at Center Near Markesan WI
4/25/2001 10:10	COMPLETE	L-2	243037	Little Green Lake at Center Near Markesan WI
6/21/2001 11:40	COMPLETE	33	243037	Little Green Lake at Center Near Markesan WI
6/21/2001 11:45	COMPLETE	34	243037	Little Green Lake at Center Near Markesan WI
6/24/2001 15:15	COMPLETE	36	243037	Little Green Lake at Center Near Markesan WI
7/24/2001 15:00	COMPLETE	33	243037	Little Green Lake at Center Near Markesan WI
7/24/2001 15:01	COMPLETE	5Q	243037	Little Green Lake at Center Near Markesan WI
7/24/2001 15:02	COMPLETE	Q6	243037	Little Green Lake at Center Near Markesan WI



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7/24/2001 15:05	COMPLETE	34	243037	Little Green Lake at Center Near Markesan WI
7/24/2001 15:10	COMPLETE	35	243037	Little Green Lake at Center Near Markesan WI
8/22/2001	COMPLETE	42	243037	Little Green Lake at Center Near Markesan WI
8/22/2001 11:15	COMPLETE	40	243037	Little Green Lake at Center Near Markesan WI
8/22/2001 11:20	COMPLETE	41	243037	Little Green Lake at Center Near Markesan WI
8/22/2001 11:35	COMPLETE	4	243037	Little Green Lake at Center Near Markesan WI
2/14/2002 9:05	COMPLETE	L-11	243037	Little Green Lake at Center Near Markesan WI
2/14/2002 9:10	COMPLETE	L-12	243037	Little Green Lake at Center Near Markesan WI
4/15/2002 10:55	COMPLETE	L-1	243037	Little Green Lake at Center Near Markesan WI
4/15/2002 11:00	COMPLETE	L-2	243037	Little Green Lake at Center Near Markesan WI
6/12/2002 17:15	COMPLETE	38	243037	Little Green Lake at Center Near Markesan WI
6/12/2002 17:20	COMPLETE	39	243037	Little Green Lake at Center Near Markesan WI
7/10/2002 14:20	COMPLETE	6	243037	Little Green Lake at Center Near Markesan WI
7/10/2002 14:25	COMPLETE	7	243037	Little Green Lake at Center Near Markesan WI
7/10/2002 14:30	COMPLETE	8	243037	Little Green Lake at Center Near Markesan WI
8/9/2002 11:45	COMPLETE	11	243037	Little Green Lake at Center Near Markesan WI
8/9/2002 12:30	COMPLETE	8	243037	Little Green Lake at Center Near Markesan WI
8/9/2002 12:35	COMPLETE	9	243037	Little Green Lake at Center Near Markesan WI
8/9/2002 12:40	COMPLETE	10	243037	Little Green Lake at Center Near Markesan WI
8/9/2002 12:50	COMPLETE	12	243037	Little Green Lake at Center Near Markesan WI
6/9/2003 10:40	COMPLETE	1	243037	Little Green Lake at Center Near Markesan WI
6/9/2003 10:45	COMPLETE	2	243037	Little Green Lake at Center Near Markesan WI
7/7/2003 11:05	COMPLETE	1	243037	Little Green Lake at Center Near Markesan WI
7/7/2003 11:10	COMPLETE	2	243037	Little Green Lake at Center Near Markesan WI
7/7/2003 11:15	COMPLETE	3	243037	Little Green Lake at Center Near Markesan WI
7/7/2003 11:20	COMPLETE	4	243037	Little Green Lake at Center Near Markesan WI
8/18/2003 10:15	COMPLETE	1	243037	Little Green Lake at Center Near Markesan WI
8/18/2003 10:20	COMPLETE	2	243037	Little Green Lake at Center Near Markesan WI

Documents

Title	Description	Author	Published	Comments
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Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

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Funding					
Organization	Source	Type	Amount	Start Date	End Date