

Wisconsin Department of Natural Resources  
SWIMS Project Summary

General Project Information

**Project ID:** LPT-264-05

**Name:** KANGAROO LAKE ASSOCIATION, INC.: RES-Kangaroo Lake Bulrush Restoration Project

**Type:** Lakes Grant

**Subtype:** Lake Protection Grant

**Status:** COMPLETE

**Start Date:** 9/1/2004

**End Date:** 6/30/2008

**Purpose:** The Kangaroo Lake Association proposes to conduct an experiment with the re-establishment of native bulrushes within the southern slow-no-wake area on Kangaroo Lake. Hard-stem bulrush (*Schoenoplectus acutus*) and soft-stem bulrush (*Schoenoplectus tabernaemontani*) would be planted in plots at different lengths from the shoreline and monitored to verify if they establish and expand. A report detailing the findings with recommendations will be supplied to the Kangaroo Lake Association and the Department of Natural Resources in hardcopy and PDF format.

**Objective:**

**Comments:** Grantee is KANGAROO LAKE ASSOCIATION, INC.

**Outcome:**

**Study Design:**

**QA Measures:**

People						
Name	Role	Status	Start Date	End Date	Organization	Comments
Kangaroo Lake Association, Inc	GRANT_RECIPIENT	ACTIVE	9/1/2004	6/30/2008	Kangaroo Lake Association, Inc.	

Project Statuses			
Date	Reported By	Status	Comments

Actions				
Action	Detailed Description	Start Date	End Date	Status
Habitat Restoration - Lake	The Kangaroo Lake Association proposes to conduct an experiment with the re-establishment of native bulrushes within the southern slow-no-wake area on Kangaroo Lake. Hard-stem bulrush ( <i>Schoenoplectus acutus</i> ) and soft-stem bulrush ( <i>Schoenoplectus tabernaemontani</i> ) would be planted in plots at different lengths from the shoreline and monitored to verify if they establish and expand.	9/1/2004	6/30/2008	COMPLETE

Details: Parameter	Value/Amount	Units	Comments
Degraded Biological Community			
Degraded Habitat			
Dissolved Oxygen, Field			
Temperature			
Total Nitrogen			

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Details: Parameter		Value/Amount	Units	Comments	
Total Phosphorus					
Total Suspended Solids					
Grant Awarded		The Kangaroo Lake Association proposes to conduct an experiment with the re-establishment of native bulrushes within the southern slow-no-wake area on Kangaroo Lake. Hard-stem bulrush (Schoenoplectus acutus) and soft-stem bulrush (Schoenoplectus tabernaemontani) would be planted in plots at different lengths from the shoreline and monitored to verify if they establish and expand. A report detailing the findings with recommendations will be supplied to the Kangaroo Lake Association and the Department of Natural Resources in hardcopy and PDF format.	9/1/2004		COMPLETE
Habitat Restoration - Lake			9/1/2004	6/30/2008	PROPOSED

Monitoring Stations

Station ID	Name	Comments
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Assessment Units

WBIC	Segment	Local Name	Official Name
20	12	Lake Michigan	Lake Michigan
20	29	Sunset Beach - Sturgeon Bay, Lake Michigan	Lake Michigan
20	35	Robert E LaSalle Park Beach, Lake Michigan	Lake Michigan
20	39	Anclam Park Beach, Door County, Lake Michigan	Lake Michigan
20	55	Baileys Harbor Ridges Park Beach, Lake Michigan	Lake Michigan
20	56	Clay Banks Beach 2, Lake Michigan	Lake Michigan
20	57	Egg Harbor Beach, Lake Michigan	Lake Michigan
20	58	Ellison Bay Town Park Beach, Lake Michigan	Lake Michigan
20	59	Europe Bay Beach 1, Lake Michigan	Lake Michigan
20	60	Ephraim Beach, Lake Michigan	Lake Michigan
20	61	Europe Bay Beach 2, Lake Michigan	Lake Michigan
20	62	Europe Bay Beach 3, Lake Michigan	Lake Michigan
20	63	Fish Creek Beach, Lake Michigan	Lake Michigan
20	64	Gislason Beach, Lake Michigan	Lake Michigan
20	65	Haines Park Beach, Lake Michigan	Lake Michigan
20	66	Jackson Harbor Ridges - WI, Lake Michigan	Lake Michigan
20	67	Lakeside Park Beach, Lake Michigan	Lake Michigan
20	68	Lily Bay Boat Launch Beach, Lake Michigan	Lake Michigan
20	69	Murphy Park Beach, Lake Michigan	Lake Michigan

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20	70	Newport Bay at Newport State Park Beach, Lake Michigan	Lake Michigan
20	71	Nicolet Bay at Peninsula State Park Beach, Lake Michigan	Lake Michigan
20	72	Percy Johnson Memorial Park Beach, Lake Michigan	Lake Michigan
20	73	Portage Park Beach, Lake Michigan	Lake Michigan
20	74	Rock Island State Park Beach, Lake Michigan	Lake Michigan
20	75	Sand Bay Beach 1, Lake Michigan	Lake Michigan
20	76	Sand Dune Beach, Lake Michigan	Lake Michigan
20	77	Sandy Bay Town Park Beach, Lake Michigan	Lake Michigan
20	78	School House Beach, Lake Michigan	Lake Michigan
20	79	Sister Bay Park Beach, Lake Michigan	Lake Michigan
20	80	Sturgeon Bay Canal Recreation Area Beach, Lake Michigan	Lake Michigan
20	81	Whitefish Bay Boat Launch Beach, Lake Michigan	Lake Michigan
20	82	Whitefish Dunes State Park Beach, Lake Michigan	Lake Michigan
60	1	Baileys Harbor	Baileys Harbor
65	1	Rowley Bay	Rowley Bay
69	1	Detroit Harbor	Detroit Harbor
70	2	Green Bay (GI Shoreline)	Green Bay
72	1	Washington Harbor	Washington Harbor
73	1	West Harbor	West Harbor
74	1	Detroit Harbor	Detroit Harbor
75	1	Wisconsin Bay	Wisconsin Bay
76	1	Garretts Bay	Garret Bay
77	1	Ellison Bay	Ellison Bay
78	1	Sister Bay	Sister Bay
79	1	Little Sister Bay	Little Sister Bay
80	1	Eagle Harbor	Eagle Harbor
81	1	Nicolet Bay	Nicolet Bay
82	1	Tennison Bay	Tennison Bay
83	1	Fish Creek Bay	Fish Creek Harbor
84	1	Juddville Bay	Juddville Bay
85	1	Egg Harbor	Egg Harbor
86	1	Horse Shoe Bay	Horseshoe Bay
87	1	Little Harbor	Little Harbor

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88	1	Sturgeon Bay	Sturgeon Bay
88	2	Otumba Park Beach	Sturgeon Bay
88	3	Sunset Park Sturgeon Bay Beach, Lake Michigan	Sturgeon Bay
88	4	Sawyer Harbor	Sturgeon Bay
89	1	Sawyer Harbor	Sawyer Harbor
90	1	Sand Bay	Sand Bay
91	1	Rileys Bay	Rileys Bay
92	1	Little Sturgeon Bay	Little Sturgeon Bay
96	1	Hedgehog Harbor	Hedgehog Harbor
92600	1	Arbter Lake	Arbter Lake
92700	1	Big Marsh (Gunnerson)	Big Marsh
92900	1	Butler Pond	Butler Pond
93000	1	Coffee "Swamp"	Coffee Swamp
93100	1	Europe Lake	Europe Lake
93200	1	Krause Lake	Mud Lake
93300	1	Little Lake	Little Lake
93400	1	Little Marsh (Wickman)	Little Marsh
93500	1	Mackaysee Lake (Muckayee)	Mackaysee Lake
93600	1	Pinney Lake	Pinney Lake
93700	1	Schwartz Lake (Schmoke)	Schwartz Lake
94800	1	Ahnapee River	Ahnapee River
94800	2	Ahnapee River	Ahnapee River
95450	1	Unnamed Trib 25n, 25e, 16 Nwne	Unnamed
95700	1	Forestville Flowage	Forestville Flowage
95820	1	Unnamed Stream	Unnamed
95900	1	Silver Creek	Silver Creek
96000	2	Silver Creek, 25n, 26e, 1 Nwnw	Silver Creek
96100	1	Stony Creek	Stony Creek
96100	2	Stony Creek	Stony Creek
96300	1	Unnamed Creek	Unnamed
96400	1	Bear Creek	Bear Creek
96500	1	Schuyler Creek	Schuyler Creek
96600	1	Woodard Creek	Woodard Creek
96635	1	Local Water	Unnamed
96900	1	Unnamed Lake	Unnamed

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97000	1	Unnamed Ck T27n, 26e, 12n	Unnamed
97100	1	Lilly Bay Creek	Lilly Bay Creek
97100	2	Lilly Bay Creek	Lilly Bay Creek
97200	1	Shivering Sands	Shivering Sands Creek
97300	1	Dunes Lake (Gurlack, Mud)	Dunes Lake
97400	1	Maple Creek (Dolan/Giesel)	Geisel Creek
97500	1	Whitefish Bay Creek	Whitefish Bay Creek
97600	1	Unnamed Trib To Whitefish Bay Creek	Unnamed
97600	2	Unnamed Trib (T28n, R27e, S09)	Unnamed
97700	1	Clark Lake	Clark Lake
97700	2	Clark Lake Beach	Clark Lake
97800	1	Logan Creek	Logan Creek
97800	2	Logan Creek	Logan Creek
97800	3	Logan Creek	Logan Creek
97900	1	Lost Lake	Lost Lake
98100	1	Lost Lake	Upper Lost Lake
98200	1	Hibbards Creek	Hibbard Creek
98200	3	Hibbards Creek	Hibbard Creek
98300	1	Thorp Pond	Thorp Pond
98400	1	Heins Creek	Heins Creek
98600	1	Kangaroo Lake	Kangaroo Lake
98600	2	Kangaroo Lake (Beach at Kangaroo Lake Beach Rd.)	Kangaroo Lake
98700	1	Piel Creek	Peil Creek
98800	1	Pickerel Pond Creek	Unnamed
98900	1	Voecks Marsh	Voecks Marsh
99000	1	Unnamed Creek (Reibold'S Ck) T30n, R28e, S10n	Rieboldt Creek
99100	1	Mud Lake	Mud Lake
99200	1	Pluff Pond	Pluff Pond
99300	1	Three Springs Creek	Three Springs Creek
99400	1	Zoo Lake	Zoo Lake
99500	1	Mink River (Rogers)	Mink River Lake
99500	2	Mink Lake	Mink River Lake
99600	1	Hidden Springs	Hidden Springs Creek
99700	1	Ephraim Creek	Ephraim Creek

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99800	1	Fish Creek	Fish Creek
100000	1	Little Lake	Bradley Lake
100100	1	Big Creek	Unnamed
100150	1	Strawberry Creek	Unnamed
100200	1	Larson Creek	Larson Creek
100300	1	May Swamp Creek	Unnamed
100400	2	Keyes Creek	Keyes Creek
100400	3	Keyes Creek	Keyes Creek
100400	4	Keyes Creek	Keyes Creek
100400	5	Keyes Creek	Keyes Creek
100500	1	Sugar Creek	Sugar Creek
100500	2	Sugar Creek	Sugar Creek
100600	1	Renard Creek	Renard Creek
100700	1	Unnamed Creek (T26n, 23e, 21nenw)	Unnamed
3000031	1	Local Water	Unnamed
3000417	1	Unnamed Lake	Unnamed
3000418	1	Local Water	Unnamed
5011472	1	Local Water	Unnamed
5012298	1	Unnamed Trib to Little Sturgeon Bay	Unnamed
5012410	1	Local Water	Unnamed
5012585	1	Malvitz Creek	Unnamed
5013232	1	Keyes Creek (Trib To)	Unnamed
5013237	1	Unnamed	Unnamed
5014094	1	Sugar Creek	Unnamed
5014158	1	Unnamed Creek	Unnamed
5522963	1	Local Water	Unnamed
5524366	1	Local Water	Unnamed
5525498	1	Unnamed	Unnamed
5526257	1	Local Water	Unnamed
5527002	1	Local Water	Unnamed
5527111	1	Local Water	Unnamed
5530405	1	Local Water	Unnamed
5530575	1	Local Water	Unnamed
5530720	1	Local Water	Unnamed
5530725	1	Local Water	Unnamed

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5530740	1	Local Water	Unnamed
5532232	1	Local Water	Unnamed
5532323	1	Local Water	Unnamed
5534177	1	Local Water	Unnamed
5535207	1	Unnamed Lake	Unnamed
5535907	1	Local Water	Unnamed
5536303	1	Local Water	Unnamed
5537333	1	Local Water	Unnamed
5539096	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
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Documents

Title	Description	Author	Published	Comments
Kangaroo Lake Bulrush Restoration Project	Bulrush Restoration Study Report	Onterra Llc	9/30/2008	

Budget

Combined Budgets:

Combined WSLH:

Combined Total: \$0.00

Funding

Organization	Source	Type	Amount	Start Date	End Date
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