

FINAL REPORT

1999 Project Abstract

For the Period Ending June 30, 2001

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TITLE: Lake Minnetonka Citizens Monitoring and Education Network
PROJECT MANAGER: Dick Osgood
ORGANIZATION: Lake Minnetonka Association
ADDRESS: P.O. Box 248, Excelsior, MN 55331
WEB SITE ADDRESS: N/A
FUND: Minnesota Futures Resources Fund
LEGAL CITATION: ML 1999, Ch. 231, Sec. 16, Subd. 006(f)

Spent 17 hours

JRV
DGF
SAT
YF
SS

APPROPRIATION AMOUNT: \$ 40,000

Overall Project Outcome and Results

The *Lake Minnetonka Citizens Monitoring and Education Network* organized, trained and activated citizen about 60 volunteers who performed various volunteer monitoring duties during the project period and beyond. The volunteers attended five, two-hour educational seminars and 13 training sessions. Because these sessions were taped and broadcast (usually several times per week) on the local cable network, many members of the Lake Minnetonka community had an opportunity to follow the progress of the volunteers' activities.

The volunteers monitored water clarity, conducted the first-ever comprehensive aquatic plant inventory, the first-ever comprehensive shoreland inventory, an inventory of the Eurasian watermilfoil weevil, zebra mussel samples and zebra mussel inspections. This work was completed with the assistance of various financial and technical cooperators, including Cargill, Hennepin Parks, the Lake Minnetonka Conservation district, Minnesota Sea Grant, Professor Ray Newman and numerous members and friends of the Lake Minnetonka Association. The results of these monitoring activities have been shared with cooperators and summaries have been provided to local media in the forms of press releases and through the local cable broadcasts.

The work of the *Lake Minnetonka Citizens Monitoring and Education Network* continues past the project period and is supported completely with local resources. In fact, several of the volunteers have been appointed to the Lake Minnetonka Association Board of Directors as a result of their positive experience and their desire to see this good work continued.

Project Results Use and Dissemination

The education and training session continue to be broadcast on the local cable channel, in fact, the Lake Minnetonka Association has been assigned a regular weekly time in their schedule. In addition, the Lake Minnetonka Association published "*A Citizens Guide to Understanding and Protecting Lake Minnetonka*," that was given to the volunteers and others in the Lake Minnetonka community.

Date of (last progress) Report: October 10, 2000
Date of Next Status Report: N/A
Date of Workprogram Approval: June 16, 1999; amended January 20 and August 9, 2000
Project Completion Date: June 30, 2001

I. PROJECT TITLE: Lake Minnetonka Citizens Monitoring and Education Network

Project Manager: Dick Osgood
Affiliation: Lake Minnetonka Association
Mailing Address: P.O. Box 248, Excelsior, MN 55331
Telephone Number: 952-470-4449 **E-Mail:** DickOsgood@aol.com **Fax:** 952-470-8034

Total Biennial Project Budget:

\$ LCMR:	\$ 40,000.00	\$ Match:	\$ 20,000.00
- \$ LCMR Amount Spent:	\$ 39,492.05	- \$ Match Amount Spent:	\$ 19,746.04
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= \$ LCMR Balance:	\$ 507.95*	= \$ Match Balance:	\$ 253.96

* This balance represents an insignificant under-expenditure - there was no change in the project results and all of the project was completed.

A. Legal Citation: ML 1999, Chap. 231, Sec. 16, Subd. 006(f)

Appropriation Language: Lake Minnetonka Citizens Monitoring and Education Network. \$40,000 is from the future resources fund to the Commissioner of Natural Resources for an agreement with the Lake Minnetonka Association to begin volunteer network training and education for a comprehensive monitoring program. This appropriation must be matched by at least \$20,000 of nonstate money.

B. Status of Match Requirement: the Lake Minnetonka Association has made and contributed the required match as shown above.

II and III. FINAL PROJECT SUMMARY:

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IV. OUTLINE OF PROJECT RESULTS:

Result A. Volunteer Network Training. About 60 volunteers participated in training, monitoring and educational activities during the project period. The volunteers' activities were coordinated by three volunteer bay coordinators.

Result A:	LCMR Budget:	\$14,333.33	Match:	\$7,166.67
	Balance:	\$ 45.80	Match Balance:	\$ 22.90

Result B. Volunteer Monitoring. Volunteers collected physical, chemical and biological information that included water clarity, a comprehensive aquatic plant inventory, a shoreland inventory, zebra mussel samples, zebra mussel inspections, and an inventory of Eurasian watermilfoil weevils. The monitoring activities were coordinated with various state and local agencies and the results were shared among these agencies and the public.

Result B:	LCMR Budget:	\$ 15,466.67	Match:	\$ 7,733.33
	Balance:	\$ [373.82]	Match Balance:	\$ [186.92]

Result C. Comprehensive Education Program. The education program consisted of 18 educational seminars and training sessions - all broadcast on the local cable channel. As well, the key results were distributed to the local media through press releases. A final report titled, "*Citizens Guide to Understanding and Protecting Lake Minnetonka*," was prepared and delivered to the volunteers and others.

Result C:	LCMR Budget:	\$ 10,200.00	Match:	\$ 5,100.00
	Balance:	\$ 835.97	Match Balance:	\$ 417.98

V. DISSEMINATION:

Result A. Training and materials were provided to the network of volunteers plus other interested agencies and individuals. All training sessions were broadcast on the local cable channel.

Result B. Water clarity data was submitted to the Minnesota Pollution Control Agency Citizen Lake Monitoring Program. All other information was submitted to agencies that worked cooperatively with the volunteers. Updates will be published in the quarterly newsletter of the Lake Minnetonka Association as well as in other local media.

Result C. A final report titled, "*Citizens Guide to Understanding and Protecting Lake Minnetonka*," was prepared and distributed to the volunteers and is available to any interested party.

VI. CONTEXT

A. Significance: Lake Minnetonka is unique and it poses significant challenges to protecting and managing it. Much has been learned from Lake Minnetonka in regard to managing all lakes in Minnesota - for example, surface use, plant and animal management, and development growth. Lake Minnetonka also has a rich history and is the economic engine for the community. Preserving its heritage and value will assure the vitality of the community. The Lake Minnetonka Association is committed to engaging its members and others in cooperative programs for the benefit of Lake Minnetonka and the State of Minnesota.

The Lake Minnetonka Association is in a unique position to make this program work for the long run. The Association represents lake users, lakeshore owners, businesses and others dedicated to preserving the heritage and environment of Lake Minnetonka and the surrounding area. The Association's dedication to monitoring and education has been demonstrated for over a decade. The Association is a tax exempt nonprofit 501(c)3.

B. Time: The proposed project will not exceed two years with LCMR funding - the Lake Minnetonka Association is continuing to work with the volunteers and collecting lake quality data and making other observations.

C. Budget History: Monitoring and educational efforts supported by the Lake Minnetonka Association include: the Freshwater Foundation's Lakewatch program (\$1000 per year), Wetlands Watch (\$3000 per year) and investment in alternative strategies and technologies for Eurasian watermilfoil control (\$21,000 grant from Hennepin County).

1. BUDGET:

Personnel:	\$ 33,333, Osgood, 21%
Equipment:	\$ 0
Acquisition:	\$ 0
Development:	\$ 0
Other:	\$ 6,667, Office supplies, phone, field supplies/equipment, local mileage
TOTAL	\$ 40,000

2. Budget Detail: Attachment A

VII. COOPERATION

The Association expects this project will be successful only with the assistance of many partners. Gaining agreements for various aspects of this project is proposed in the work plan. As the project proceeds, agreements or cooperation will be pursued with at least the following:

Hennepin County Water Patrol
Lake Minnetonka Conservation District
Lake-based businesses
Lake-wide municipalities
Minnehaha Creek Watershed District

MN Department of Natural Resources
MN Pollution Control Agency
Suburban Hennepin Parks District
U of M Water Resources Center

The Lake Minnetonka Association will secure at least \$20,000 in non-state matching funds.

VIII. LOCATION:

All cities and counties included in Lake Minnetonka and its tributary watershed. These include:

Hennepin County and the cities of:

Deephaven	Maple Plain	Mound	Spring Park
Excelsior	Medina	Plymounth	Tonka Bay
Greenwood	Minnetonka	Orono	Wayzata
Independence	Mtka Beach	Shorewood	Woodland
Long Lake	Minnetrista	St. Bonifacious	

Carver County and the cities of:

Chanhassen
Laketown
Victoria

IX. REPORTING REQUIREMENTS: Periodic workprogram progress reports will be submitted not later than January 1, 2000, and October 30, 2000. A final work program report and associated products will be submitted by June 30, 2001, or by the completion date as set in the appropriation.

X. RESEARCH PROJECTS: n/a

ATTACHMENT A: Deliverable Products and Related Budget

<u>Budget Item</u>	<u>Result A</u>	<u>Result B</u>	<u>Result C</u>	<u>ROW TOTAL</u>
Wages, salaries & benefits	\$ 0	\$ 0	\$ 0	\$ 0
Space rental	\$ 0	\$ 0	\$ 0	\$ 0
Printing & Advertising	\$ 300	\$ 200	\$ 2,000	\$ 2,500
Communications, telephone & mail	\$ 250	\$ 200	\$ 700	\$ 1,150
Contracts				
Professional/technical	\$20,000	\$20,000	\$10,000	\$50,000
Other contracts	\$ 0	\$ 0	\$ 0	\$ 0
Local auto mileage	\$ 300	\$ 400	\$ 400	\$ 1,100
Other travel expenses	\$ 0	\$ 0	\$ 0	\$ 0
Office supplies	\$ 150	\$ 100	\$ 200	\$ 450
Other supplies	\$ 500	\$ 2,300	\$ 2,000	\$ 4,800
	(Field equipment)		(Educational materials)	
Tools & equipment	\$ 0	\$ 0	\$ 0	\$ 0
Office equipment/computers	\$ 0	\$ 0	\$ 0	\$ 0
Other capital equipment	\$ 0	\$ 0	\$ 0	\$ 0
Other direct operating costs	\$ 0	\$ 0	\$ 0	\$ 0
Land acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Land rights acquisition	\$ 0	\$ 0	\$ 0	\$ 0
Buildings/land improvements	\$ 0	\$ 0	\$ 0	\$ 0
Legal fees	\$ 0	\$ 0	\$ 0	\$ 0
COLUMN TOTAL	\$21,500	\$23,200	\$15,300	\$60,000