SCHOOL SECTION LAKE MANAGEMENT DISTRICT NEWSLETTER

Lake District Convention: The Statewide Convention of Lake District Commissioners w held at Stevens Point on March 29-30, 1979. Mr. & Mrs. Clyde James and I attended. There are now 115 Lake Districts in the State and 200 Commissioners were there along with representatives of the Department of Natural Resources and the University of Wisconsin Extension. We were kept busy attending workshops, watching films and hearing project reports from fellow-commissioners. At the business meeting, it was decided that the Districts should form an association of lake districts to hire lobbyists to help us in Madison and hire an attorney so Districts could get legal aid. It was also decided that there would be regional workshops in 1980 and another Statewide Convention in 1981 or 1982.

Lois Lessmann, Secretary

Treasurer's Report: The cost of the Feasibility Study for our Lake was $2,808.00. The State has agreed to pay 60% of this amount or $1,684.80 - the District is to pay 40% or $1,123.20. The true bank balance on the statement for the District at the time of the audit of August 20, 1979 was $609.79. This balance includes payment from State on June 1, 1979. The next payment from the State will be received on or about March 1, 1980. The tax money from the County ($2,000.00) will be received on or about March 20, 1980. As you will note from the table below, we must make a loan ($600.00) to meet the Feb. 1st payment to the contractor, Aqua-Tech. Loan will be repaid in March.

Aqua-Tech will be paid:

$421.20-(15%)	- Nov. 1
702.00-(25%)	- Feb. 1
702.00-(25%)	- May 1
702.00-(25%)	- Aug. 1
280.80-(10%)	- When Accepted by State

State will pay:

10% - June 1 -	$168.48
20% - March	336.96
20% - June	336.96
50% -	842.40

Following Final Audit & Acceptance

Marie Bayer, Treasurer

Questions and Answers: What is the purpose of a Feasibility Study and how is this information collected? In order to determine potential lake restoration techniques, the following data collection program is required to be eligible for State cost-sharing for study or project implementation.

I. Physicochemical

A. Dissolved Oxygen (DO) and Temperature

1. Sampling Location - DO and temperature measurements will be taken at a site indicated on a map of the lake.

2. Depth Distribution - Measurements shall be made every three (3) feet from surface to bottom.

3. Frequency and Duration - Measurements will be made at biweekly intervals from December 1, 1979 through February 29, 1980.

B. Sediments

1. Depth of Soft Sediments - The lake bottom shall be probed, as indicated on a second map of the lake, to determine the

depth of soft sediments. This map is covered with a grid pattern based on 200 foot squares, each square representing a probe site or station. There will be approximately 135 probe sites. The probe is made by gradually applying the weight of one person (approximately 175 pounds) to a one inch outside diameter probe. The depth of the water above the sediments and the depth of the soft sediments at the 135 stations indicated on the map shall be recorded.

2. Sediment Characteristics - Two (2) sediment core samples shall be taken at each of the two (2) locations indicated on the second map. The top one (1) meter from each of the cores shall be composited for analysis for the following parameters:

   a. percent of water
   b. percent organic on a dry weight basis
   c. percent nitrogen on a dry weight basis
   d. percent phosphorus on a dry weight basis

II. Macrophyte Study (Due to recent investigations of the lake, the aquatic macrophyte survey will consist primarily of verification of past findings.)

The aquatic macrophytes shall be surveyed once in July or early August to determine species composition and distribution, abundance and maximum depth of growth. Visual observation will be utilized as much as possible in comting this survey.

Determine the location and extent for the major community types: emergent, floating leaved and submergent plants. Note the maximum depth of growth for the submergent plants. Determine the species composition and abundance of each species within each community. The abundance should be described as follows:

1. A = abundant
2. C = common
3. S = sparse

Indicate the boundaries of single species standing within the more general community type.

Sketch and tabulate this information on a hydrographic lake map. The map should show distribution of the communities and a species list with the appropriate abundance symbol. Also, provide to the Office of Inland Lake Renewal a dried, pressed and identified specimen of each macrophyte species present in the lake.

The Feasibility Study will take one year to complete - from November 1, 1979 through October 31, 1980.

Clyde James, Chairman

In order to have a successful Lake District, we must have good communication ong our members, so if you have any questions, please feel free to write me: Clyde James, 3433 Lake Drive, Dousman, Wisconsin 53118 - I will attempt to get the answers to you in our next Lake District Newsletter.

Fishing and Hunting: Fishing on School Section Lake has been very good this summer, especially for Northern Pike - most of which measured between 20 and 30 inches. Many small pan fish were also caught. Duck hunting was fine also and some geese were bagged. We are looking forward to ice-fishing this winter.

Our Friends and Neighbors:

In Hospital:

Mrs. Rosemary Marten - Oconomowoc Memorial Hospital - 791 East Summit Avenue - Oconomowoc, Wisconsin 53066

Mr. Don Hopkins - New University Hospital - 600 Highland Avenue - Floor 5, Corridor D4, Room 504 - Madison, Wisconsin 53792

We are saddened to note the passing of Mr. Frank Kandler and extend our sympathy to Virginia and Family.

Congratulations are in order for Marty and George Kupkovits on the arrival of Thor, a healthy baby boy!

(If you have news you would like to share in our next Newsletter, please form - Lois Lessmann, 3461 Lake Drive, Dousman, Wisconsin 53118.)

Your School Section Lake Management District wishes you and yours a very Merry Christmas and a Healthy and Happy New Year!