ASSOCIATION Inc.

1960 BULLETIN

Lake Petroiers Association, Inc.

- 1900 OFFICERS AND DIRECTORS -

PRESIDE ... F. Ralph Hollands, 604 S. 11th St. Moorhead SECRETARY-TREASTRER Marie Covell, Route 2, Detroit Lakes

Disctors

Fred Diles. West Lake Drive, Detroit Lakes
Otto Hankenst d. 1.12 South 7th 21., Fargo, N. D.
Winston Larson, 1117 Min a. etc Averue, Detroit Lakes
T. A. Rogstad, Nason Bay, Detroit Lakes
Paul Thomas, 801 9th Ave. S., Fargo, N. D.
Cy. O. Young, 1245 North 1st St., Fargo, N. D.

Committee Chairmen

MEMBERSHIP George May a	and Dr. Tom Rogstad
FISH AND GAME	Bill Reid
WATER LEVEL	Carl Nedberge
BULLETIN	
INSECT CONTROL	Otto Haakenstad
WEED AND ALGAE	Dr. Tom Rogstad
SANITATION AND POLLUTION	Dr. Tom Rogstad
PROPERTY PROTECTION	Stewart Schlipf
UTILITIES AND TAXES	Henry Stiening
AUDITING	Kent Rogstad



MARIE COVELL Secretary-Treasurer



FRED DILES Director



ROBERT BRATT Director



OTTO HAAKENSTAD Director

THE PRESIDENT'S MESSAGE—

Association's Achievements During 12 Years Reviewed

By RALPH HOLLANDS

The Lake Detroiters Association, Inc., was born some 12 years ago with its major purpose to give the property owners around Little and Big Detroit lakes a strong voice in all affairs that were vital to our welfare.

Space, time and words never could tell the real story of this association.

I should like to touch on a few items:

TAXES—Our tax committee succeeded in the passage of a bill in the last legislature to assess seasonal dwellings at 33½ per cent of their value rather than 40 per cent.

REARING PONDS — Our association has sponsored rearing ponds for walleyed pike fry for many years until the state found that we had more pike than the average Minnesota lake. Since then they have refused to give us the fry because the need was greater elsewhere.

PROPERTY PROTECTION

—We always have offered rewards for information leading
to the arrest and conviction
of persons breaking and entering members' property.

WATER SAFETY—The association always has had an active committee on water safety and members of the association have acted as supervisors in the education of young people on water safety.

ROADS — We can take a great deal of credit for our influence in the road program. It wasn't many years ago that the dust was a menace to our summer enjoyment. Now our property values have improved and our general en-



RALPH HOLLANDS
President

joyment of them is a reality because of the fine roads.

INSECT CONTROL — This one program is worth the price of membership to most of us. I certainly feel that the modern miracle of insecticides has made our picnics and lake outings livable and pleasant where they used to be something to be avoided.

ZONING — A future program of zoning to protect property from undesirable elements and unsightly commercial projects will be worthwhile. It should be given careful consideration.

In the future the time will come once again when a voice is needed to represent all of us and our common interests. Let's keep our association strong by joining and paying our way to a better Detroit Lakes and a happier future for our families and our friends.

Ahoy Skipper! Here Are Some Tips For Safety

From The Minnesota Boat & Water Safety Act

Be careful with gasoline. Keep fuel lines tight and bilges clean at all times. Use care when re-fueling. Whenever possible, motors and detachable gas tanks should be refueled when boat is at a dock or beached.

Do not overload—maintain adequate free-board at all times.

Keep an alert lookout. Watch out for swimmers who may be outside designated bathing area.

Watch your wake—it might capsize a small craft.

Keep fire extinguisher and lifesaving equipment in good condition.

Obey the Rules of the Road. They are your water traffic laws.

Children aboard should wear life preservers at all times.

If you should capsize stick with the boat if it continues to float.

Do not sit on or compress kapok filled life preservers.

Watch your footing when on board. Use the correct footwear to avoid slipping.

Watch the weather—be especially on the lookout for storms.

Finally — TAKE TIME TO BE SAFE.



COX'S POINT BIG DETROIT WHITE CLOVER BEACH

City Engineer Reports On Seminar On Algae Metropolitan Wastes

Note: The following is a report of Winston Larson, Detroit bakes city engineer and a director of the take Detroiters, of a seminar on disce and metroponium wastes he attended in April in Cincinnati, Ohic. The seminar was sponsored by Water Supply And Water Pollution Research bureau of the C'S. Department Of Health, Educa tion And Welfare.

By WINSTON LARSON Detroit Lakes City Engineer

On April 27, 28, and 29, 1960 a seminar was held at the Robert A. Taft Sanitary Engineering Center in Cincinnati. Ohio to discuss a problem which should be of interest to lake dwellers throughout the nation. The "Foreword" on the program contained the following remarks:

"The Center is pleased to be your host at this seminar on Algae and Metropolitan Wastes. The problem of algae is many-faceted; some species are a bane to men on earth, but certain types are potentially the staff of life of men in space. It is important, however, to consider first those problems which are most pressing and near at hand. Among these are the relationship of algae to this Nation's spreading metropolitanism, and to the disposal of urban wastes.

The present seminar is limited in its approach to the prevention and control of objectionable blooms of algae resulting from enrichment by urban and other wastes. This is a long standing problem, essentially a perversion of natural processes, which, as urbanization increases, will become more severe if corrective measures are not developed and applied. We, therefore, regard the present seminar as particularly important, and we are pleased that it is being conducted here under the



WINSTON LARSON Director

sponsorship of the Water Supply and Water Pollution Research Staff.'

The first portion of the discussion was devoted to a general historical description of the progressive fertilization and algal bloom production in surface waters by man's activities. General accounts and descriptions of findings in the Madison Lakes of Wisconsin; Lake Zoar in Connecticut; Klamath Lake in Oregon; Lake Washington in Washington; and in the rivers and coastal areas were given.

The next topic of discussion dealt with the growth characteristics of algae which make possible the development of blooms. The basic physiology of algae, including a general account of photosynthesis, respiration, inorganic nutrition, and environmental factors that help to explain how and why blooms develop was described. Nutritional relationships as they relate to potentialities for bloom production in natural waters were discussed.

Sources of nutrients in rivers, and lakes which may aid

in producing algal bloom was the next topic. The Illinois River and the Yakima River in Washington were examples of rivers receiving nutrients from agricultural activity. Quantitative consideration was derected to sew seway and to sewage diluted in receiving waters either with or without treatment. Nutritional characteristics including both inorganic and organic components were discussed. Factors that enhance efficient use and reuse of aigal nutrients in water environment, such as shape of basin depth, wind, extent and frequency of circulation and overturn, transparency, and others, were considered. Blue-green algae have the ability to fix nitrogen from the au and thus secure a scurce of nutrition.

To date there are no tried and proven methods of prevention or control of this problem. Madison, Wisconsin, has diverted sewage treatment effluent from their lakes, but the period since the diversion is too short to indicate any definite change in the condition of the lakes. The paper I presented described the method of disposal of sewage plant effluent used at Detroit Lakes by Spray Irrigation. Most of those present were quite surprised to learn that such a system could be operated satisfactorily during the winter months. Tests to date indicate this method will store nutrients in the soil. The chemical approach to the problem was discussed, and although such a process could produce the desired results, the cost of operation is excessive. The biological approach to the problem has also been investigated, principally that of concentrating nutrients by growing plankton in ponds. To the writer, the most feasible solution to date, would appear to be a combination of ponds growing algae in large num-

Continued on opposite page . . .

Things To Know About Minnesota's Boat And Water Safety Regulations

M. Is Unlawfill-

to operate a mereral in a careless, reckless or negligent manage.

To operate a watercraft so as a statute of the clist unit of lineary and no linear in averaging.

or use an entered of a period of dock or per which extends from the shore, for advertising purposes.

To moor, attach or hold in any manner a waterevaft to any buoy, other than a mooring buoy, or any other marking or guide placed pursuant to legal authority.

To operate a watercraft within an area which has been marked off or set aside as a swimming or bathin; area.

To tow a person on water skis, aqua-plane, surfhoard saucer or similar device, unless there is that other person in the toward waters craft continually watching the person being towed, or unless the watercraft is equipped with a curved rear view mirror placed so the operator can continually observe the person being towed, or the watercraft is equipped with an approved safety device.

To water ski or perform similar acts between one hour and a half after sunset to sunrise of the day following.

To operate a watercraft which is loaded with passengers or cargo beyond its safe capacity, or which is equipped with any motor



CY O. YOUNG Director

or other proposition machinery be-

To ride or sit on the glowales of all, motorboot less than exfect in overall length, while derway, unless it is equipped with an adequate rather to be a metarical while any performs a second or sitting.

To consider a watercraft while under the influence of intoxicating box sages, narcotics or if mentally or physically incapable of operating such watercraft, or to give permission to operate a watercraft to anyone in such a condition.

Te hold or sponsor any race, regatia, tournament or other competition, exhibition, or trial therefor, without first having obtained a written permit from the sheriff. Permission must also be chained, where necessary, from officials of the political subdivision where such events are to be held.

To obsh act, remove, damage, or destroy any buoy or structure placed in the waters of the state in accordance with this act or by authority of the United States.

To fail to stop for inspection when signalled to do so by a uniformed law enforcement officer.

Boating Accidents-

The operator of any watercraft involved in an accident or incident resulting in injury or death to any person or in damage to property shall, if possible, offer assistance at the scene—shall give his name, address, and license number of the watercraft being operated and the name and address of the owner of the watercraft, to the person injured or occupants of the other watercraft, or the owner or occupant of the property involved—shall promptly report the accident or incident to the local sheriff or his deputy.

Lights and Equipment-

Every watercraft under 26 feet in overall length, when under way between sunset and sunrise must carry a lantern or flashlight capable of showing a white light visible all around the horizon at a distance of two miles, which must be displayed in sufficient time to avoid coilision with another craft.

No siren shall be carried or used on any watercraft other than a patrol craft.

Motors used on any watercraft must be equipped with a device that adequately muffles or suppresses exhaust noises.

City Engineer

ber to concentrate the milkrats, and middle the milkrats, and middle the sound from bese pours, which would contain alone, on the soil by means of spray urigation or some other soil absorption method

I was unable to stay for the last day of the seminar, at which time the use of algicides for control of nuisance algae was discussed. Consideration was to be given to regulations, equipment, procedures, costs and effects of control programs. All papers given at this seminar will be bound and published in the near future, so this information will be available for reference.

The last portion of the program dealt with the research needs pertaining to this particular problem. With the interest shown at this meeting, and the research talent from various colleges and universities which are available, I am sure that means will be developed to preserve the surface waters of the nation from progressive fertilization.



T. A. ROGSTAD Director

Lake Detroiters Association

-Roster Of Active And Sustaining Members-

NAME

Akely, Wm. G. Allen, Grace G. Amundson, Sidney B.

Bergen, Lawrence Boze, Walter Bratt, R. L.

Carlson, Harold F. Chesley, Louise M. Colby, Maude B. Cosgriff, Ed. P. Covell, A. C. Cox, Tom

Darrow, Dr. Kent E. Diles, Fred

Engebretson, Mrs. E. A. Erickson, Manford O.

Fargo-Detroit Ice Co. First National Bank

Haakenstad, Otto J. Hendrikson, R. J. Hollands, F. Ralph Hvidsten, Mrs. Carl

Irvine, R. W.

Jenson, Henry Johnson, K. D. Johnston, Genevieve M.

Kloubec, Wm. H. Koltes, C. C.

Larson, Winston LaSelle, Theo. F. Leverson, I. B. Lewis, Mrs. Robert C.

Maehren, N. G. Marks, B. C. McCartney, E. B. Meyers, C. J.

Nedberge, Carl J. Nicolson, Mrs. John W. Noltimier, C. F. Novachek, Mrs. Della M.

Olson, Curtiss T. Olson, Luther P.

Page, C. M. and Jean Paulsrud, C. O. Poyser, Floyd A. Pratt, L. P.

Reid, Wm. Rogers, S. H. Rogstad, F. J. Rogstad, T. A. Rylander, Carl

Satter, Morris Saunders, J. S. Schlipf, Stewart Sondrall, Oscar Stiening, Henry Stolp, Lester C Swedberg, Milton

TeVogt, Clem Thomas, Paul C.

Vogel, Chas. J.

Wenberg, Ronnie and Bonita Westley, Oscar

LAKF ADDRESS

North Shore Drive North Shore Dr. Phillips Beach 911 North Shore Drive Pokegama Beach

Phillips Beach

Curfman Beach

Cox's Point Burritt Beach West Lake Drive North Shore Drive

Detroit Lakes, Minn. Detroit Lakes, Minn.

Burritt Beach West Lake Drive Burritt Beach North Shore Drive

Shorewood Drive

Route 2, East Shore East Shore

Curfman Beach Burritt Beach

Curfman Beach

Phillips Beach North Shore

Burritt Beach North Shore Drive Shorewood Drive

Nodaway Beach, Route 1 North Shore Drive Phillips Beach Curfman Beach Phillips Beach

Curfman Beach Burritt Beach Bridges Beach

Curfman Beach Curfman Beach

Shorewood Drive Curfman Beaach

North Shore Burritt Beach North Shore Drive

West Lake Drive North Shore Drive North Shore Drive

Burritt Beach

WINTER ADDRESS

104 14th Ave., Fargo, N. D. North Shore Drive, Detroit Lakes 1216 Minnesota Ave., Detroit Lakes

1145 Summit Ave., Detroit Talkes Route 2, Box 173, Detroit Lakes Box 847, Nason Bay, Detroit Lakes

420 West Willow, Detroit Lakes 507 North Shore Drive 110½ Broadway, Fargo, N. D. North Shore Drive, Detroit Lakes Route 2, East Shore, Detroit Lakes 4334 Greenwood Drive, Des Moines

Fargo, N. D. Route 1, Detroit Lakes

1245 N. 5th St., Fargo, N. D. Shorewood Drive, Detroit Lakes

Detroit Lakes Detroit Lakes

1718 S. 7th St., Fargo, N. D. 1053 Washington Ave., Detroit Lakes 604 S. 11th St., Moorhead, Minn. Box 369, Fargo, N. D.

1144 Minnesota Ave., Detroit Lakes

1143 Summit Ave., Detroit Lakes 404 13th St. South, Moorhead, Minn. North Shore Drive, Detroit Lakes

1514 7th St., Fargo, N. D. 1408 S. River Road, Fargo, N. D.

1117 Minnesota Ave., Detroit Lakes Route 2, East Shore Drive, Detroit Lakes Hawley, Minn. 331 8th Ave. South, Fargo, N. D.

North Shore Drive, Detroit Lakes 837 7th St. North, Fargo, N. D. Oakes, N. D.

409 E. Clarinda Ave., Shenandoah, Ia.

1320 6th Ave. S., Moorhead, Minn.

Fargo, N. D. Detroit Lakes

North Shore Drive, Detroit Lakes 1322 N. 3rd St., Fargo, N. D. Box 8, Amenia, N. D. 1341 N. 3rd St., Fargo, N. D.

1043 Summit Ave., Detroit Lakes 1045 North Ist., Fargo, N. D. 421 North Shore, Detroit Lakes Nason Bay, Detroit Lakes Shorewood Drive, Detroit Lakes

Glyndon, Minn. Rte. 2, East Shore, Detroit Lakes 1113 2nd Ave. S., Fargo, N. D. 1330 18th Ave. S., Fargo, N. D. Moorhead, Minn. Shorewood Drive, Detroit Lakes

1311 Summit Ave., Detroit Lakes 1256 Lake Ave., Detroit Lakes 801 9th Ave. S., Fargo, N. D.

801 2nd Ave. S., Fargo, N. D.

Shorewood Drive, Detroit Lakes 916 Washington, Bismarck, N. D.