



JENNIFER M. GRANHOLM
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF NATURAL RESOURCES & ENVIRONMENT
LANSING



REBECCA A. HUMPHRIES
DIRECTOR

September 23, 2010

Mr. Jeff Krcmarik
Washtenaw County Department of Public Works
705 N. Zeeb Rd.
Ann Arbor, Michigan 48107

Dear Mr. Krcmarik:

SUBJECT: North Lake, Washtenaw County – Permit Number 10-98-0300-0

The Department of Natural Resources & Environment, Water Resources Division (WRD) has reviewed your aquatic nuisance plant control amendment request for North Lake. Your amendment has been issued as proposed.

The approval of the limited spot treatment of Eurasian watermilfoil with Navigate at 200 pounds per acre should not be construed as a precedent for approval of the treatment at this rate in the future. It is the opinion of the reviewer that a fall treatment of Eurasian watermilfoil at 200 pounds per acre is not the logical next step if spring treatment with Navigate at 100 pounds per acre has not been successful. This amendment proposal and the approved amendment will be submitted to the Aquatic Nuisance Control program management and staff members for review and discussion prior to the 2011 treatment season.

Should you require further information, please contact me via phone at 517-241-4621, electronic mail at hubertyl@michigan.gov, or Department of Natural Resources and Environment, P.O. Box 30273, Lansing, Michigan 48909-7773.

Sincerely,

Lisa Huberty
Aquatic Nuisance Control Program
Water Resources Division
517-241-4621
FAX: 517-335-4381

Enclosure
cc: Application File

**PERMIT FOR PESTICIDE APPLICATION
TO SURFACE WATERS OF THE STATE OF MICHIGAN**

Permits are required by Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA), and Part 33, Aquatic Nuisance Control, of the NREPA (Part 33).

Permission is hereby granted, based on information supplied on the permit application and on the applicant's assurance of adherence to State requirements and this permit, to apply chemicals to the waters described herein for the control of aquatic plants and/or algae or swimmer's itch.

PERMIT NUMBER: 10-98-0300-0 AMENDMENT 1

DATE EFFECTIVE: 09/23/2010

This permit is valid only through December 31, 2010.

Permittee Name and Address

Washtenaw County Department of Public Works
705 N. Zeeb Rd.
Ann Arbor, Michigan 48107

Name of Waterbody Affected

North Lake

County(ies) in which Waters are Located

Washtenaw

Authority granted by this permit amendment is subject to the following conditions and limitations:

The application of chemicals is restricted to the following CHEMICAL(S) (product name and/or active ingredient), APPLICATION RATE(S), and MAXIMUM AMOUNT(S) PER TREATMENT.

<u>CHEMICAL(S) AND APPLICATION RATE(S)</u>	<u>NEW MAXIMUM AMOUNT TO BE APPLIED PER TREATMENT</u>
Add: Glyphosate 4 - 6 pint(s)/acre	15.6 pint(s)
Add: Habitat - imazapyr 1 - 6 pint(s)/acre	10.4 pint(s)
Add: Navigate - 2,4-D (milfoil) 200 pound(s)/acre	700 pound(s)

Add the treatment areas for emergent plants with glyphosate and imazapyr and the spot treatment of Eurasian watermilfoil with Navigate at 200 pounds per acre.

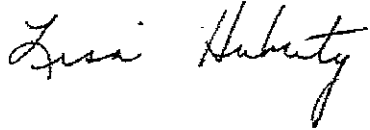
Add the following conditions:

Do not damage non-targeted wetland vegetation, such as lilies, rushes, arrowhead, cattails, etc.

Restrict treatment of emergent vegetation, such as lilies, cattails, arrowhead, pickerelweed, rushes, etc., to a 40 feet x 40 feet area for swimming and boat launching, and a 20 feet wide boat lane to reach open water, per residentially developed parcel.

All conditions of the original permit remain in effect.

Rebecca A. Humphries, Director
Department of Natural Resources & Environment

A handwritten signature in cursive script that reads "Lisa Huberty". The signature is written in black ink and is positioned above the typed name.

By: Lisa Huberty
Environmental Quality Analyst
Water Resources Division

Amendment Request Map

Weed and algae treatment area for Eurasian watermilfoil, Curlyleaf pondweed, nuisance natives, Chara, algae and Slarry stonewort (35 acres within this 75 acre area)

Eurasian Watermilfoil Treatment area using 2, 4-D (60 acres within this 110 acre area) Optional pretreatment or simultaneous treatment with algaecides to reduce periphyton and improve EWM uptake of product. Maximum of 40 acres within this 110 acre area.

Lily pad area:
 Total 2.6 ac
 Using glyphosate and/or Habitat

EWM areas
 Total = 3.5 ac
 Using 2,4-D @ 200 lbs/ac

Water well locations and appropriate isolation distances are not represented on this treatment map. Prior to treatment, locate the water wells and observe the appropriate isolation requirements as noted in the permit document.

North Lake
 227 Surface Acres
 Washtenaw County
 Dexter Township
 T1S R4E Sec 18

DNRE Amendment 1
 Approved Treatment Map for 2010
 Permit Number: 10-98-0300-0
 Map 1 of 1

