



## CHEMICAL TREATMENT

Each year, WLMD receives a permit from DNR to chemically treat problem areas on Wind Lake. Most of the areas treated are shallow and choke with weeds, restricting lake access.

Shoreline weed treatments will begin in late May, early June. A reduced copy of the permit is provided in this newsletter. If you wish to see a full size copy, call 262-514-3238 and one will be provided.

**If you DO NOT want your shoreline to be treated, please complete the form provided in this newsletter.** Please return the form immediately.

When the treatment takes place, the shorelines near the treated areas will be posted with bright yellow signs. The signs will indicate what has been used and if there are any use restrictions because of the treatment. The boat launch will also be posted with a treatment map.

Please don't assume we know how your shoreline has responded to a treatment. If conditions have changed, we may not know it. If the treatment wasn't effective, we won't know unless you tell us. Let us know if you have had unusual weed problems. We will check it out. Please call or email with questions or concerns.

As always, DNR has the final say in all the treatment areas for chemical control and may deny the treatment of specific areas.

## GEESE

Wind Lake is in the fourth year of a program to reduce the numbers of geese on Wind Lake. The goose roundup will take place in mid-June when the birds are without their flight feathers.

The goal is to bring the numbers of geese in line with what the lake can support. The numbers of geese have reached a level that raises concerns across the country. There are so many non-migratory birds that they are now at an increased risk of illness and disease. The geese contribute to the water quality problems, including E-coli bacteria and increased phosphorus loadings.

To assist in the roundup, we would like to get permission from as many landowners as possible. If you live on the lakeshore, and are willing to grant permission to gather geese on your property, please complete the Goose Form and return to WLMD as soon as possible.

## HARVESTING

The WLMD plans to conduct harvesting on the lake in mid-June if conditions warrant. The past couple of years, harvesting has been used to open up navigational channels on the East side of the lake. The Town has worked with the WLMD by allowing the cut weeds to be dumped at the old Transfer site.

## LAKE PLAN UPDATE

The field work for the revision of the Wind Lake Management Plan has been completed. The Southeastern Wisconsin Regional Planning Commission (SEWRPC) is writing the document which will guide the District's activities for the next 10 years.

A 75% grant from DNR is helping pay for the project. Although the project is taking a little longer than initially expected, we hope to have a draft plan in time for the Annual Meeting.

# Racine County Lakes Alliance

*"Working to preserve and protect the watershed and environment within the lakes and rivers of Racine County".*



The following article was reprinted with permission from the Wisconsin Association of Lakes

Spring, 2006

## Green Lawns, Green Lakes: the phosphorus connection

Phosphorus—an essential nutrient for plants—is a common ingredient in many lawn and garden fertilizers. However, the same phosphorus that helps keep lawns green is also the primary nutrient that turns lakes green with algae. Algae blooms can turn lakes into a thick, smelly green soup that is undesirable for swimming and other recreation. Too much algae clouds water and blocks sunlight from reaching aquatic plants; it also lowers the oxygen levels in the water which can cause fish kills.

### How does excess phosphorus enter our lakes?

Fertilizers, leaves, grass clippings, eroded soil, and animal waste are all sources of phosphorus. Soil can retain only so much phosphorus. Once soil has become saturated, excess phosphorus runs off lawns and fields and is carried by rainwater into our lakes, streams, and wetlands. When phosphorus fertilizer is applied to lawns that already have high levels of phosphorus in the soil, much of it becomes phosphorus runoff pollution.

Lawn fertilizer is one of many sources of phosphorus runoff pollution. In residential areas, recent studies have shown almost 50% of phosphorus runoff comes from lawns. A 2001 Minnesota study conducted soil tests on more than 180 urban lawns near lakes and found almost 80% had high levels of phosphorus and did not need any additional phosphorus fertilizer. Approximately 25 pounds of phosphorus is added to lakes, wetlands and streams each year from a 100 acre residential development (it takes only one pound of phosphorus to grow 500 pounds of algae).

### Preventing phosphorus runoff pollution

Lawn fertilizer is not the largest source of phosphorus runoff pollution; however it is an easily preventable one. A simple soil test tells property owners if their lawn already has enough phosphorus, and phosphorus free fertilizers are available.

Since 2005, Minnesota has had a statewide phosphorus ban that prohibits application of phosphorus-containing fertilizer to residential lawns unless a soil test has shown the need for that nutrient. Newly planted lawns, golf courses, and agricultural lands are exempt.

In Wisconsin, Dane County has passed a county wide ordinance prohibiting the use of phosphorus-containing lawn fertilizers, unless a soil test shows that phosphorus is necessary. Two more Wisconsin counties and several municipalities are considering their own phosphorus ordinances.

Polk county's shoreland zoning ordinance prohibits phosphorus fertilizer in the shoreland zone. The Oneida County Board recently passed a resolution supporting state legislation banning the sale and use of phosphorus based lawn fertilizer in Wisconsin.

The Wisconsin Association of Lakes supports efforts to reduce phosphorus and improve lake water quality.

\* \* \* \* \*

**Note:** Ace Hardware in Wind Lake is now carrying phosphorus-free fertilizer. The fertilizer is specially-priced. Support the efforts to improve our lakes by using phosphorus-free fertilizer.. Free test kits are available from the UW Extension Service to test your soil. Contact the Extension office at 1-800-522-6240.

**Chemical Aquatic Plant Control  
Application and Permit**  
Form 3200-004 (R 6/05)

**Notice:** Use of this form is required by the Department for any application filed pursuant to s. 281.17(2), Wis. Stats., and Chapter NR 107, Wis. Adm. Code. The Department will not consider your application unless you complete and submit this application form. Personally identifiable information on this form may be provided to requesters as required by Wisconsin's Open Records law (ss. 19.31-19.39 Wis. Stats.).

**Section I - Applicant Information**

Name of Permit Applicant: Also indicate names and addresses of all individuals, associations, communities or town sanitary districts sponsoring treatment. Attach additional sheets if necessary.

Name <i>Wind Lake Mgmt District</i>	Name
Street or Route <i>6316 W Eastwood Ct</i>	Street or Route
City <i>Berlington</i>	City
State <i>WI</i>	State
ZIP Code <i>53105</i>	ZIP Code
Telephone Number (include area code) <i>262 519 3331/business</i>	Telephone Number
Home <i>262 519 3331/business</i>	Home
Lake: <i>Wind Lake</i>	Lake:
Email Address	Email Address

**Section II - Aquatic Plant Control Location**

Waterbody to be Treated (waterbody where treatment area is located)  
*Wind Lake*

County <i>Raine</i>	Section	Township <i>4 N</i>	Range <i>20 E</i>	Adjacent Riparian Property Owner Names (attach sheets if necessary) <i>See Attached</i>
Name of Applicator or Firm <i>Marine Bio Chemists</i>	City <i>Mequon</i>	State <i>WI</i>	ZIP Code <i>53092</i>	
Street or Route <i>6316 W Eastwood Ct</i>	Telephone Number (include area code) <i>262 238 0462</i>	Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate)		
Home: <i>262 238 0462</i>	Business: <i>262 238 0462</i>			
Email Address				

Applicator Certification Number for Category 5 Aquatic Pesticide Application	Date Verified w/ DATCP	Certification Expiration
Business Location License Number (if applicable) <i>93-<del>000537</del>-000537</i>	Date Verified w/ DATCP	Certification Expiration
Restricted Use Pesticide License Number (if applicable)	Date Verified w/ DATCP	Certification Expiration

Area(s) Proposed for Control (Note details in permit cover letter for final permitted sizes of treatment areas.)

Area	Shoreline Length ft. X Distance From Shore	Estimated Average Average Depth	ft.
A. Shoreline Length <i>See Map</i>	ft. + 43,560 ft. =	Estimated Average	ft.
B. Shoreline Length	ft. + 43,560 ft. =	Estimated Average	ft.
C. Shoreline Length	ft. + 43,560 ft. =	Estimated Average	ft.
D. Shoreline Length	ft. + 43,560 ft. =	Estimated Average	ft.
E. Shoreline Length	ft. + 43,560 ft. =	Estimated Average	ft.

Total Estimated Average *54,560*

If the estimated average is greater than 10 acres, or is greater than 10 percent of the estimated area 10 feet or less in depth in Section II, complete and attach Form 3200-004A, Large-Scale Treatment Worksheet, Private pond treatments are exempted from this requirement.

Is this area within or adjacent to a sensitive area designated by the Department of Natural Resources?  Yes  No

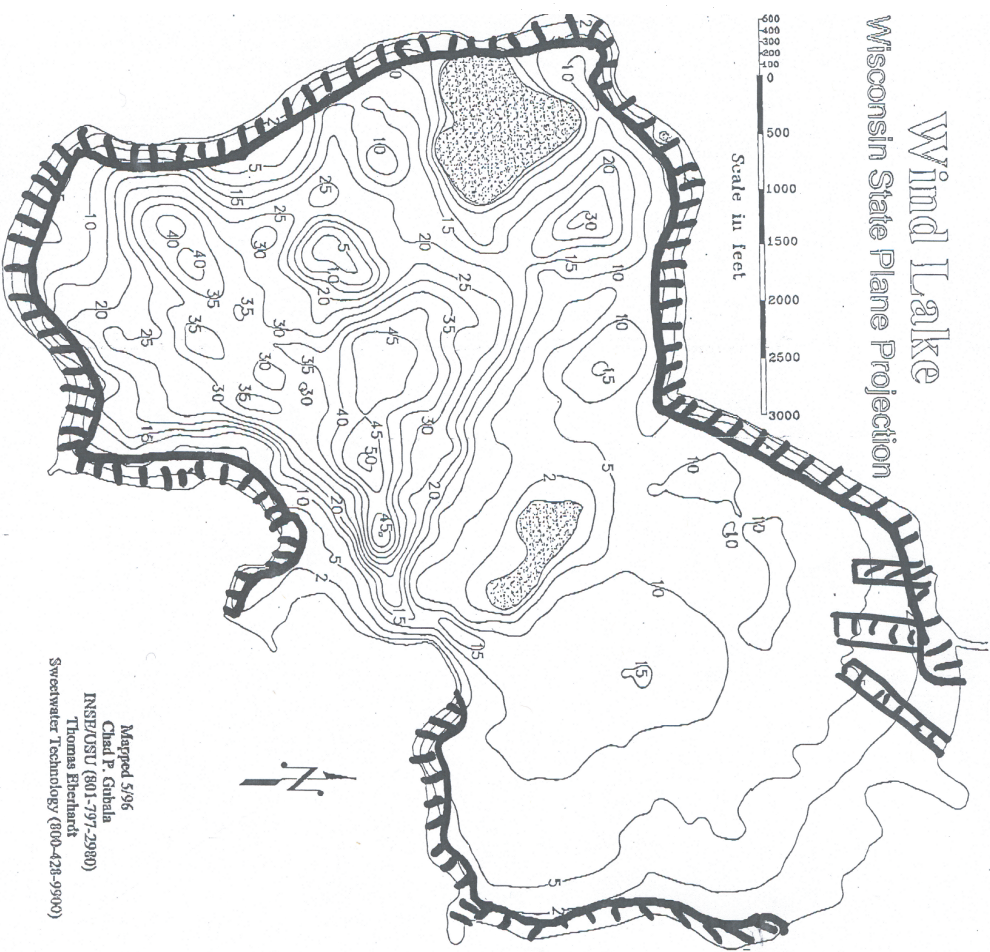
DNR Use Only	ID Number <i>92</i>
Waterbody #	Permit Expiration Date
Fee Received <i>3-8-06</i>	

**Section III - Fees**

- s. NR 107.11(1), Wis. Adm. Code, lists the conditions under which the permit fee is linked to the \$20 minimum charge.
- s. NR 107.11(2), Wis. Adm. Code, provides for a refund of average fee if the permit is issued and no treatment occurs.
- s. NR 107.04(2), Wis. Adm. Code, provides for a refund of average fee if the permit is issued and no treatment occurs.
- Fee calculations:
  - Basic Permit Fee (non-refundable) \$ 20.00
  - If proposed treatment is over 0.25 acre, calculate average fee (round up to nearest whole acre, to maximum of 50 acres):  
55 acres X \$29 per acre = \$ 1325
  - If proposed treatment is 0.25 acre, average fee is \$0.
  - Enter Average Fee (from above) *1325*
  - Total Fee Enclosed *1345*

Please include a sketch and/or a printed map of lake indicating area and dimensions of each individual area where plant control is desired. Also show location of property owners riparian to and adjacent to the treatment area. You may use the space below to sketch a map. Attach a separate list of owners and corresponding treatment dimensions coded to the lake map, if necessary.

*See Attached*



Mapred 5/96  
Chad P. Gubala  
INSP/UGU (801-797-2980)  
Thomas Bechtart  
Sweetwater Technology (800-428-9900)

**Section IV - Reasons for Aquatic Plant Control**

- Goal of Aquatic Plant Control:
- Reduce nuisance algae accumulation
  - Maintain navigational channel for common use
  - Maintain private access for boating
  - Maintain private access for fishing
  - Improve swimming
  - Control of purple loosestrife
  - Other: \_\_\_\_\_

Nuisance Caused By:

- Algae
- Emergent water plants (majority of leaves and stems growing above water surface, e.g. cattails, bulrushes)
- Floating water plants (majority of leaves floating on water surface, e.g., waterlilies, duckweed)
- Submerged water plants (leaves and stems below water surface, flowering parts may be exposed, e.g., milfoil, coontail)
- Other: \_\_\_\_\_

List Target Plants: See Milfoil  
Flamnetious algae  
Water lilies in navigation channel.  
Eelgrass at Coontail  
Early leaf produced,

Note: Different plants require different chemicals for effective treatment. Do not purchase chemical before identifying plants.

**Section V - Chemical Control**

Alternatives to Chemical Control:	Feasible?	If No, Why Not?
1. Mechanical harvesting	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	No
2. Hand pulling	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	in depth
3. Hand raking	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	in depth
4. Hand cutting	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	in depth
5. Sediment screens/covers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	no depth
6. Dredging	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	not applicable
7. Lake drawdown	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	in depth
8. Nutrient controls in watershed	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	in depth
9. Other: _____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	ongoing

Note: If proposed treatment involves multiple properties, consider feasibility of EACH alternative for EACH property owner. If you checked yes to any of the alternatives listed above, please explain your decision to use chemical controls:

Insufficient to achieve control

Trade Name of Proposed Chemical(s): Autumn Plus Cleargate, Navigator, Weedabloy, Aquaticol, Reward,

Method of Application: sprayer and/or spreader

Which chemicals or other control options have been tried before on the proposed site, and what were the results?  
all of above - effective

Note: Chemical fact sheets for aquatic pesticides used in Wisconsin are available from the Department of Natural Resources upon request.

**Section VI - Applicant Responsibilities and Certification**

- The applicant has prepared a detailed map which shows the length, width and average depth of each area proposed for the control of rooted vegetation and the surface area in acres or square feet for each proposed algae treatment.
- The applicant understands that the Department of Natural Resources may require supervision of any aquatic plant management project involving chemicals. Under s. NH 107.07, Wis. Adm. Code, supervision may include inspection of the proposed treatment area, chemicals and application equipment before, during or after treatment. The applicant is required to notify the regional office 4 working days in advance of each anticipated treatment with the date, time, location and size of treatment unless the Department waives this requirement. Do you request the Department to waive the advance notification requirement?  Yes  No
- The applicant agrees to comply with all terms or conditions of this permit, if issued, as well as all provisions of Chapter NR 107, Wis. Adm. Code. The required application fee is attached.
- The applicant has provided a copy of the current application to any affected property owners' association, inland lake district and, in the case of chemical applications for rooted aquatic plants, to all owners of property riparian or adjacent to the treatment area. The applicant has also provided a copy of the current chemical fact sheet for the chemicals proposed for use to any affected property owner's association or inland lake district.

I hereby certify that the above information is true and correct and that copies of this application have been provided to the appropriate parties named in Section II and that the conditions of the permit and pesticide use will be adhered to.  
Alton  
Signature of Applicant \_\_\_\_\_ Date Signed 8/1/06

All portions of this permit, map and accompanying cover letter must be in possession of the chemical applicator at time of treatment. During treatment all provisions of Chapter NR 107, specifically ss. NH 107.07 and NR 107.08, Wis. Adm. Code, must be complied with, as well as the specific conditions contained in the permit cover letter.

**Section VII - Permit to Carry Out Chemical Treatment (Leave Blank - DNR Use Only)**

The foregoing application is approved. Permission is hereby granted to the applicant to chemically treat the waters described in the application during the season of 2006.

Application fee received? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	State of Wisconsin Department of Natural Resources For the Secretary
Advance notification of treatment required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	By: <u>[Signature]</u> Regional Director Date Signed: <u>8-31-06</u> Date Mailed: <u>8-31-06</u>

Please Note:  
If you believe that you have a right to challenge this decision, you should know that Wisconsin statutes and administrative rules establish time periods within which requests to review Department decisions must be filed.  
For judicial review of a decision pursuant to ss. 227.52 and 227.53, Wis. Stats., you have 30 days after the decision is mailed or otherwise served by the Department, to file your petition with the appropriate circuit court and serve the petition on the Department. Such a petition for judicial review shall name the Department of Natural Resources as the respondent.  
This notice is provided pursuant to s. 227.48(2), Wis. Stats.  
To request a contested case hearing pursuant to s. 227.42, Wis. Stats., you have 30 days after the decision is mailed, or otherwise served by the Department, to serve a petition for hearing on the Secretary of the Department of Natural Resources. The filing of a request for a contested case hearing is not a prerequisite for judicial review and does not extend the 30-day period for filing a petition for judicial review.

## CHEMICAL TREATMENT NOTICE - 2006

If you **DO NOT** want your shoreline to be treated, you must return this form as soon as possible.

I hereby request that my shoreline NOT be chemically treated. I understand that not treating my shoreline will not reduce my tax.

Name (PRINT) \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Lake Address (if different) \_\_\_\_\_

Tax Key Number \_\_\_\_\_

**Signature (Mandatory)** \_\_\_\_\_

**This form must be returned by May 20, 2006!**

Send to: WLMD, 30910 Royal Hill Rd., Burlington, WI 53105



## GOOSE ROUNDUP APPROVAL FORM - 2006

The WLMD has my permission to enter onto my property to catch geese.

Name (PRINT) \_\_\_\_\_

Lake Address \_\_\_\_\_

Phone \_\_\_\_\_

Signature (Mandatory) \_\_\_\_\_

**This form must be returned by June 1, 2006!**

Send to: WLMD, 30910 Royal Hill Rd., Burlington, WI 53105

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## BOARD OF COMMISSIONERS

Jim Marks 895-7872  
Paul Traskowski 895-2836  
Richard Mohr 895-7927  
Joe Bellante 895-2909  
Chet Kintop 895-6026  
Lake District Line 514-3238

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## WIND LAKE WEBSITE

[www.windlake.org](http://www.windlake.org)  
[www.wlmd.org](http://www.wlmd.org)

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## DISTRICT EMAIL

[info@wlmd.org](mailto:info@wlmd.org)

Commissioners meetings are usually held the 4th Thursday of every month, with the November and December meeting combined. Meetings begin at 7:30 pm at the Norway Town Hall. Everyone is welcome to attend.

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## NEED MORE INFO?

If you are, call us! We can provide information about lakeside living and boating ordinances.

Or check out our website. The site has:

- meetings, schedules, agendas, and minutes
- links to other lake-related sites
- information about who to contact for various activities
- the latest lake depth map of Wind Lake
- other special notices as needed are also posted on the site.

ADDRESS SERVICE REQUESTED

Wind Lake Management District  
30910 Royal Hill Rd.  
Burlington, WI 53105