

Chemical Aquatic Plant Control Application and Permit
 Wisconsin Pollutant Discharge Elimination System (WPDES)
 Pesticide Pollutant Application

Form 3200-004 (R 02/17)

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Notice: Use of this form is required by the Department for any application filed pursuant to s. 281.17(2), Wis. Stats., and Chapters NR 107, 200 and 205, Wis. Adm. Code. This permit application is required to request coverage for pollutant discharge into waters of the state. Personally identifiable information on this form may be provided to requesters to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

DNR Use Only	
ID Number 65 SE-2017-87405	Permit Expiration Date 10/1/2017
Waterbody ID 740700	Fee Received 175.00

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

Home Address	Name Lake and Pond Solutions Co.	Lake Address	Name Wandawega Country Club
	Street Address W4950 County Rd A		Street Address PO Box 624
	City Elkhorn		City Elkhorn
	State WI		State WI
	ZIP Code 53121		ZIP Code 53121

Phone Number (include area code)
 Primary: 262-742-2600 Secondary: _____ Email Address: jeff@lakeandpondsolutions.com

Section II - Aquatic Plant Control

Waterbody to be Treated (waterbody where treatment area is located)
 Lake Wandawega Lake Surface Area: 119.35 acres Estimated Surface Area that is 10 feet or Less in Depth: _____ acres

County: Walworth Section: 1,2,11,12 Township: T3N Range: R16E Name of Applicator or Firm: Lake and Pond Solutions Co.

Latitude: 42.743404 Longitude: -88.567093 Street or Route: W4950 County Rd A

Is there more than one property owner? Yes No
 Is there surface water discharge? Yes No
 Does the waterbody have public access? Yes No

If all are no: considered to be a private pond.
 City: Elkhorn State: WI ZIP Code: 53121
 County: Walworth Phone Number (include area code): 262-742-2600

Adjacent Riparian Property Owner Names (attach sheets if necessary)
 1. see attached Email Address: jeff@lakeandpondsolutions.com

Applicator Certification Number for Category 5 Aquatic Pesticide Application
 46548, 65667, 87910, 92331, 98460, CA 95577993, 47905, 75983, 93893

Business Location License Number (if applicable)
 93-011101-014739

Name of Lake Property Owners' Association Representative or Lake District Representative (if none, please indicate)
 Rich Moore Restricted Use Pesticide License Number (if applicable)

Area(s) Proposed for Control:

Treatment Length	Treatment Width	Estimated Acreage	Average Depth	Calculated Volume
1. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
2. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
3. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
4. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
5. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
6. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
7. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
8. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
9. _____ ft X _____ ft ÷ 43,560 ft ² = _____ ac X _____ ft = _____ ac-ft				
Estimated Acreage		Calculated Volume		
Grand Total		5.0 ac	Grand Total	_____ ac-ft

If the estimated acreage 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 designated by the Department of Natural Resources? Yes No
 DNR Use: NHI Review? Yes No Describe: _____

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Section III - Fees

1. s. NR 107.11(1), Wis. Adm. Code, lists the conditions under which the permit fee is limited to the \$20 minimum charge.
2. s. NR 107.11(4), Wis. Adm. Code, lists the uses that are exempt from permit requirements.
3. s. NR 107.04(2), Wis. Adm. Code, provides for a refund of acreage fees if the permit is denied or if no treatment occurs.
4. Fee calculations:

If proposed treatment is over 0.25 acre, calculate acreage fee:
(round up to nearest whole acre, to maximum of 50 acres.)

5 acres X \$25 per acre = \$ 125.00

If proposed treatment is ≤ 0.25 acre, acreage fee is \$0.

Enter Acreage Fee (from above) \$125.00

Basic Permit Fee (non-refundable) \$20.00

Total Fee Enclosed \$ 145.00

Site Map: Attach a sketch or a printed map of lake indicating area and dimensions of each individual area where plant control is desired and flow of surface water outside treatment area. Also show location of property owners (if applicable) to and adjacent to the treatment area. Attach a separate list of owners and corresponding treatment dimensions coded to the lake map, if necessary.

Section IV - Reasons for Aquatic Plant Control

Is this permit being requested in accordance with an approved Aquatic Plant Management Plan? Yes No

Treatment Type: Lake Pond Wetland Marina Other

- Goal of Aquatic Plant Control:**
1. Maintain navigational channel
 2. Maintain boat landing and carry in access.
 3. Improve fish habitat
 4. Maintain swimming area
 5. Control of invasive exotics
 6. Other: Aesthetics

- 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. water lilies, duckweed)
 - Submerged water plants (leaves and stems below water surface, flowering parts may be exposed, e.g., milfoil, coontail)
 - Other:

List Target Plants:
EWM, CIP, algae, white water lily, watershield, IL pondweed, sago pondweed, water celery, elodea

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 checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Currently harvest navigational paths
2. Manual Removal	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Some residents rake frontages
3. Sediment screens/covers	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Would limit native plants
4. Dredging	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Too costly
5. Lake drawdown	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Not sure on feasibility
6. Nutrient controls in watershed	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Currently unknown
7. Other:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

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:

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Section V - Chemical Control (continued)

Trade Name of Proposed Chemical(s)

ALGAEICIDES:	Algae Defense	Algimycin	Captain/Captain XTR	Cleargate	Citrine Plus/Ultra	Earthtec	F-30	Green Clean	Komeen Liquid/Granular	Phycomycin	K-Tea		
	SeClear/SeClear G		HJB										
HERBICIDES:	Aquastrike	Aquathol K/Super K	Avast!	Current Clipper	DMA-4	Habitat	Hydrothol	Navigate	Navitrol DPF	Reward Schooner	Sculpin G	Sonar	Symmetry NXG
	HJB	Stingray	Weeddestroy Am-40		HJB		HJB			HJB		HJB	
Glyphosates:	AquaNeat	Refuge	ShoreKlear	Touchdown Pro									

Method of Application: Backpack Sprayer, 2" Commercial Sprayer, Granular Hand Spreader

Will surface water outflow and/or overflow be controlled to prevent chemical loss?

Yes No

Have the proposed chemicals been permitted in a prior year on the proposed site?

All Some None

What were the results of the treatment?

Performed treatment of eastern beach with limited results due to WDNR product limitations

For private ponds and wetlands please ignore next question

Is treatment area greater than 5% of surface area?

Yes No

If yes, calculate whole lake concentration (in ppm). Refer to DNR Lake pages dnr.wi.gov/Lakes to answer the following:

Does the lake stratify?

Yes No

If yes, calculate whole lake concentration using volume above thermocline.

If no, calculate whole lake concentration using total lake volume.

Whole Lake Concentration: _____ ppm

Note: Chemical fact sheets for aquatic pesticides used in Wisconsin are available from the Department of Natural Resources at the following link: dnr.wi.gov/Lakes/plants/factsheets/.

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. NR 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.
- Conditions related to invasive species movement. The applicant and operator agree to the following methods required under s. NR 109.05(2), Wis. Adm. Code for controlling, transporting and disposing of aquatic plants and animals, and moving water:
 - Aquatic plants and animals shall be removed and water drained from all equipment as required by s. 30.07, Wis. Stats., and ss. NR 19.055 and 40.07, Wis. Adm. Code.
 - Operator shall comply with the most recent Department-approved Boat, Gear and Equipment Decontamination and Disinfection Protocol, Manual Code # 9183.1, available at <http://dnr.wi.gov/topic/invasives/disinfection.html>

Check if you are signing as Agent for Applicant

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.



Signature of Applicant

3/2/2017

Date Signed

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. NR 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.

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Section VII - WPDES Permit Request

Is WPDES coverage being requested? Refer to <http://dnf.wi.gov/org/water/wm/www/aquaticpesticides.htm> for more information.

- No Yes - complete section VII with signature
 Already have WPDES coverage
 WPDES coverage not needed

- Select which permit you are requesting:
- WI-0064556-1 Aquatic Plants, Algae & Bacteria
 - WI-0064564-1 Aquatic Animals
 - WI-0064581-1 Mosquitoes & other Flying Insects

Indicate WPDES permittee responsible for the pollutant discharge: Applicator Sponsor

Do you expect the pest control activity will result in a detectable pollutant discharge to waters of the state beyond the treatment area boundary or a pollutant residual in waters of the state after the treatment project is completed? Yes No

If yes, identify the pollutant(s): _____

Are you planning to incorporate integrated pest management principles, as specified in the WPDES permit, into your pest control activity to minimize any pollutant residual or pollutant discharge beyond the treatment area? Yes No

Types of WPDES coverage being requested: One Treatment Site Statewide Coverage

For informational purposes, select areas of WI for most of your aquatic treatments: NW NE SW SE

Is WPDES coverage being requested for more than 1 year? Yes No If yes, the permittee will remain in "active" WPDES status until a Notice of Termination is submitted.

I hereby certify that I am the authorized representative (as specified in Ch. NR 205.07(1)(g), Wis. Adm. Code) of the pest treatment activity which is the subject of this permit application. I certify that the information contained in this form and attachments is, to the best of my knowledge, true, accurate and complete.

 Signature of Authorized Representative

 Printed Name

 Date Signed

Section VIII - 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 20 17

Application fee received? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	State of Wisconsin Department of Natural Resources For the Secretary <i>Alicia Bunk</i> By _____ Regional Director or Designee 4/10/2017 Date Signed
Advance notification of treatment required? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	_____ 4/10/2017 (email) Date Mailed

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. 227.40(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.